

Phase II Environmental Site Assessment Report

For:

Lexington Avenue Developers LLC
Former Sears Auto Service Center Site
60 Main Street
White Plains, Westchester County, New York

Prepared for:

Lexington Avenue Developers LLC

SESI Project No:

12859

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LIST OF ACRONYMS

Acronym	Definition
AWQS	Class GA Ambient Water Quality Standards and Guidance Values
ft-bgs	feet below ground surface
MSL	Mean Sea Level
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanic Acid
PFOS	Perfluorooctanesulfonic Acid
Phase II ESA	Phase II Environmental Site Assessment
PHC	Petroleum Hydrocarbon
RRSCO	Restricted Residential Soil Cleanup Objective
SCO	Soil Cleanup Objective
SESI	SESI Consulting Engineers, DPC
SVOC	Semi-Volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compound List
TOGS	Technical and Operational Guidance Series 1.1.1
USCO	Unrestricted Use Soil Cleanup Objective
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 INTRODUCTION

SESI Consulting Engineers (SESI) has conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of Lexington Avenue Developers LLC, for the property located at 60 Main Street, White Plains, New York ("Site"). The Site is a 1.5082-acre designated Condominium tax lot Section 125.75 Block 4 Lot 4..1. The Site is located in a commercial/residential/government building area and the Site's use was previously as a Sears store containing an auto services center at the Galleria Mall. The Site has been vacant since 2023. A Subject Property Location Map is presented as **Figure 1.1**.

This Phase II ESA report complies with the American Society for Testing and Materials Standards (ASTM E1903) and the New York State Department of Environmental Conservation (NYSDEC) Guidance Document for Site Investigations DER-10.

1.1 SUBJECT PROPERTY SETTING

The Site is composed of a 1.5082-acre parcel that has been developed with a now closed Sears store. The Site is bound to the north by Main Street, to the east by a portion of the Galleria Mall, to the west by South Lexington Avenue, and to the south by the former Galleria Mall associated parking. The closest notable surface water body is the Bronx River located approximately 0.35 miles west of the Site.

1.2 SUBJECT PROPERTY HISTORY

SESI conducted a Phase I Environmental Site Assessment (Phase I ESA) to investigate the Site's historical land uses and to determine the potential for subsurface impact that may represent Recognized Environmental Conditions (RECs). The Phase I ESA identified that the Site was developed prior to 1885 based on the Sanborn Fire Insurance Maps and contained the following historic uses (circa 1885-1950) that were noted to be of concern: carriage house/factory, laundry/drycleaning, automobile station/garage, plumbing shop, furniture and upholstery, paints/oils storage, hardware store, tin shop, sheet metal fabrication, and naphtha and oil storage. The Galleria Mall was constructed in approximately 1980. The Site was improved with the Galleria Mall anchor stores JCPenney (circa 1980-2001), and then Sears (circa 2003 to 2023). These historical land uses represent RECs and additional investigation is warranted.

2.0 FIELD INVESTIGATION

SESI collected Soil samples, groundwater samples, and sub-slab vapor samples and collocated indoor air samples for the investigation of REC's identified in the Phase I ESA. **Table 2.1** presents a summary of the borings conducted and the samples collected. Prior to conducting subsurface drilling, SESI's drilling contractors contacted New York's utility mark-out system.

All samples were transported under chain of custody to Alpha Laboratories and SGS North America, New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program-certified laboratories.

Soil and groundwater samples were analyzed for Target Compound List (TCL) +30/Target Analyte List (TAL) list including volatile organic compounds (VOCs) by EPA Method 8260, semi-VOCs (SVOCs) by EPA Method 8270, TAL metals, polychlorinated biphenyls (PCBs) by EPA Method 8082A, and pesticides by EPA Method 8081, in addition to cyanide. Additionally, certain soil and groundwater samples were analyzed for per and polyfluoroalkyl substances (PFAS) by EPA Method 1633 and 1,4 dioxane by EPA Method 8270D SIM. Soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15.

The borings were advanced to depths ranging from 5 to 20 feet below ground surface (ft-bgs). Based on the subsurface investigations conducted to date, the stratigraphy of the Subject Property, from the surface down, consists of fill material below surface cover to depths of approximately up to 13 ft-bgs. Fill material is underlain by brown coarse to fine sand, some gravel and trace silt to boring completion. Based on review of the Remedial Investigation Report from an adjacent Brownfield Cleanup Program Site (C360073) to the northeast (221 Main Street), the elevation of groundwater at the subject property is approximately 180-200 feet above mean sea level, and groundwater flow direction is expected to be in the western direction. Photoionization detector readings and detailed soil descriptions are provided in the boring logs presented in **Appendix A**.

3.0 ANALYTICAL RESULTS

3.1 SOIL INVESTIGATION RESULTS

Soil samples collected during this investigation were sent to SGS and Alpha laboratories under a Chain of Custody for the analysis of the TCL+30/TAL suite of parameters, which include VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, TAL metals by EPA Method 6010C/7471, PCBs by EPA Method 8082A, pesticides by EPA Method 8081B, and cyanide by EPA Method 9082. In addition, certain samples were analyzed for PFAS by EPA Method 1633 and 1,4 dioxane by EPA Method 8270D SIM.

A summary table of the analytical results for samples collected compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs), Restricted Residential Cleanup Objectives (RRSCOs), and the latest NYSDEC Soil Screening Levels for emerging contaminants (NYSDEC Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs) is presented in **Table 3.1**. A summary of the samples exceeding the soil cleanup objectives (SCOs) is presented on **Table 3.2** below and on **Figure 3.1**. The laboratory analytical data is provided in **Appendix B**.

Based on the data shown on **Tables 3.2** below and **Figure 3.1**, the following soil sampling observations were made:

- SVOCs (primarily polycyclic aromatic hydrocarbons [PAHs]) were observed to exceed the RRSCOs or USCOs on the eastern and northwestern portions of the Site from grade to 8.5 ft-bgs. Higher concentrations were specifically found at the eastern portion of the Site.
- Metals were found above the USCOs to depths ranging from grade to 19.5 ft-bgs throughout the Site. Additionally, lead was found above the RRSCO in one (1) sample (SB-8 [2-2.5']) at the northeastern portion of the Site from 2 to 2.5 ft-bgs, and cadmium was found above the RRSCO in one (1) sample (SB-3 [4.5-5]) at the north central portion of the Site from 4.5-5 ft-bgs. Lead, cadmium, and mercury were found above the RRSCOs on-subject property in discrete areas, suggesting that they are attributable to historic releases. Lead exceeded the Commercial SCO in one sample (at SB8 [2-2.5]) on the northeastern portion of the Site. Chromium (total) was found on the northeastern portion of the Site exceeding its USCO. As described below, chromium and lead were also identified in groundwater exceeding the AWQS and therefore, the groundwater pathway for chromium and lead requires further evaluation.

- Pesticides were found above the USCOs to 2.5 ft-bgs at the north central portion of the Site (SB-28S [2-2.5] and SB-29S [1-1.5]).
- The PFAS compound perfluorooctanesulfonic acid (PFOS) was found above the guidance USCO to 2.5 ft-bgs at the northern portion of the Site (SB-25 [0.5-1] and SB-13 [2-2.5]). In addition, PFOA and PFOS were found above the guidance USCO on the northwestern portion of the Site (SB-20 [1-1.5]).

Table 3.2: Summary of Soil Sample Exceedances

Sample ID:	SB3 (19-19.5)		SB3 (4.5-5)		SB5 (17-17.5)		SB5 (8-8.5)		SB6 (4-4.5)	
Lab Sample ID:	JD58458-16		JD58458-13		JD58609-12		JD58609-10		JD58609-5	
Date Sampled:	1/10/2023		1/10/2023		1/11/2023		1/11/2023		1/11/2023	
Sample Depth (ft):	19.0-19.5		4.5-5.0		17.0-17.5		8.0-8.5		4.0-4.5	
Matrix:	USCO	RRSCO	Soil		Soil		Soil		Soil	
PFAS (ug/kg)										
Perfluorooctanesulfonic acid	0.88	44	ND (0.22)	ND (0.21)	8.9	ND (0.21)	ND (0.22)			
SVOCs (mg/kg)										
Benzo(a)anthracene	1	1	ND (0.036)	0.0205	J ND (0.038)	0.442	0.333			
Benzo(a)pyrene	1	1	ND (0.036)	0.0191	J ND (0.038)	0.544	0.419			
Chrysene	1	3.9	ND (0.036)	0.0172	J ND (0.038)	0.569	0.36			
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND (0.036)	0.0312	J ND (0.038)	0.513	0.352			
Metals (mg/kg)										
Cadmium	2.5	4.3	ND (0.58)	4.9	ND (0.60)	ND (1.1)	ND (0.56)			
Chromium	30	110	14.8	11.5	10.2	10.6	15.2			
Copper	50	270	52.5	12.1	11.5	74	47.2			
Lead	63	400	6	10.2	ND (2.4)	46.7	156			
Mercury	0.18	0.81	ND (0.031)	ND (0.030)	ND (0.031)	0.068	0.18			
Nickel	30	310	8.6	9	8.1	16.9	11.8			
Zinc	109	10000	29.9	29.9	19.2	58.2	128			

Sample ID:	SB8 (2-2.5)		SB10 (3-3.5)		SB12 (3.5-4)		SB13 (2-2.5)		SB19(2-2.5)	
Lab Sample ID:	JD58458-5		JD58609-21		JD58609-1		JD58609-13		JD58693-17	
Date Sampled:	1/10/2023		1/11/2023		1/11/2023		1/11/2023		1/12/2023	
Sample Depth (ft):	2.0-2.5		3.0-3.5		3.5-4.0		2.0-2.5		2.0-2.5	
Matrix:	USCO	RRSCO	Soil		Soil		Soil		Soil	
PFAS (ug/kg)										
Perfluorooctanesulfonic acid	0.88	44	ND (0.22)	ND (0.21)	ND (0.21)	1.9	ND (0.22)			
SVOCs (mg/kg)										
Benzo(a)anthracene	1	1	0.055	1.66	0.401	0.0667	0.0341			
Benzo(a)pyrene	1	1	0.07	1.34	0.484	0.0737	0.0318	J		
Chrysene	1	3.9	0.0526	1.6	0.446	0.0663	0.0295	J		
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0722	0.729	0.423	0.0647	0.0353			
Metals (mg/kg)										
Cadmium	2.5	4.3	0.58	ND (0.54)	ND (0.52)	ND (0.55)	ND (1.1)			
Chromium	30	110	32.2	11.8	15	12.1	37			
Copper	50	270	30.6	13.8	23.8	14.4	73.8			
Lead	63	400	1260	14.9	98.1	10	38.8			
Mercury	0.18	0.81	0.089	ND (0.028)	0.14	ND (0.036)	0.073			
Nickel	30	310	13.5	9.7	14	11	43			
Zinc	109	10000	53.8	ND (54)	86	35.5	47.3			

SAMPLE ID:	SB20 (1-1.5)		SB20 (13-13.5)		SB23 (1.5-2)		SB25 (.5-1)	
LAB ID:	L2304857-01		L2304857-02		L2304857-07		L2304857-11	
COLLECTION DATE:	1/27/2023		1/27/2023		1/27/2023		1/27/2023	
SAMPLE DEPTH (FT):	1.0-1.5		13.0-13.5		1.5-2.0		0.5-1.0	
ANALYTE	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q
PFAS (ug/kg)								
Perfluorooctanesulfonic Acid (PFOS)	44	0.88	2.33		ND		ND	1.16
Perfluorooctanoic Acid (PFOA)	33	0.66	3.91		ND		ND	0.36
SVOCs (mg/kg)								
Benzo(a)anthracene	1	1	0.59		0.1	J	1.2	0.1
Benzo(a)pyrene	1	1	0.57		0.15		1.2	0.14
Benzo(b)fluoranthene	1	1	0.63		0.17		1.3	0.15
Chrysene	3.9	1	0.55		0.11		1.1	0.1
Dibenzo(a,h)anthracene	0.33	0.33	0.092	J	0.026	J	0.16	0.023 J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.32		0.078	J	0.52	0.072 J
Metals (mg/kg)								
Lead, Total	400	63	11.3		99.8		12.7	18.2
Mercury, Total	0.81	0.18	0.058	J	0.839		0.073 J	0.067 J

SAMPLE ID:	SB-28S(2-2.5)		SB-29S(1-1.5)	
LAB ID:	L2331480-01		L2331480-02	
COLLECTION DATE:	6/6/2023		6/6/2023	
SAMPLE DEPTH (FT):	2.0-2.5		1.0-1.5	
ANALYTE	RRSCO	USCO	Conc	Q
VOCs (mg/kg)				
Acetone	100	0.05	0.053	ND
Pesticides (mg/kg)				
4,4'-DDD	13	0.0033	0.00342	ND
4,4'-DDT	7.9	0.0033	0.00143 J	0.0034
Metals (mg/kg)				
Lead, Total	400	63	132	54.4
Mercury, Total	0.81	0.18	0.659	0.102

Notes

NYSDEC - New York State Department of Environmental Conservation

RRSCO - Restricted Residential Soil Cleanup Objectives

USCO - Unrestricted Soil Cleanup Objectives

Exceedance of the RRSCOs

Exceedance of the USCOs

J = Estimated

B = Analyte Found in Associated Method Blank

3.2 GROUNDWATER INVESTIGATION RESULTS

Four (4) groundwater temporary wellpoints were installed and sampled by SESI in March 2023 and June 2023. A total of four (4) groundwater samples were collected and analyzed for various parameters including VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, TAL metals by EPA Method 6010C/7471, PCBs by EPA Method 8082A, pesticides by EPA Method 8081B, cyanide by EPA Method 9082, PFAS by EPA Method 1633 and 1,4-dioxane by EPA Method 8270D SIM. Metals compounds were analyzed for totals metals (unfiltered). A summary table of the analytical results compared to NYSDEC Technical and Operational Guidance Series 1.1.1

Class GA Ambient Water Quality Standards and Guidance Values (AWQS) is presented on **Table 3.3**. A summary of compounds exceeding the AWQS is presented on **Table 3.4** below and on **Figure 3.2**. The laboratory analytical reports are provided in **Appendix B**.

As presented on **Table 3.4** and **Figure 3.2**, the groundwater analytical results indicate consistent concentrations of VOCs, SVOCs, metals, and PFAS were found to exceed the AWQS throughout the Site. As described above elevated concentrations of PAHs, chromium, and lead were detected in soil exceeding the USCOs and therefore the protection of groundwater pathway must be further evaluated. These elevated concentration PAHs and metals detected in soil that are attributed to the historic auto repairs are impacting the Sites groundwater.

Table 3.4: Summary of Groundwater Sample Exceedances

	SAMPLEID:	GW-5				GW-7				GW-12				GW-13			
	LAB ID:	L2316865-03				L2316865-05				L2331480-06				L2331480-07			
COLLECTION DATE:		3/30/2023				3/30/2023				6/6/2023				6/6/2023			
	NY-AWQS	GROUNDWATER															
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS (ug/L)																	
Chloroform	7	ND		2.5	0.7	5.3		2.5	0.7	ND		2.5	0.7	7		2.5	0.7
PERFLUORINATED ALKYL ACIDS BY EPA 1633 (ng/L)																	
Perfluorooctanesulfonic Acid (PFOS)	2.7	20.8		1.6	0.729	23		1.44	0.653	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	6.7	7.05		1.6	0.697	15.6		1.44	0.624	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-SIM (ug/L)																	
Benzo(a)anthracene	0.002	0.09	J	0.1	0.02	0.02	J	0.1	0.02	0.02	J	0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	0	0.08	J	0.1	0.02	ND		0.1	0.02	0.02	J	0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	0.002	0.09	J	0.1	0.01	ND		0.1	0.01	0.02	J	0.1	0.01	0.01	J	0.1	0.01
Benzo(k)fluoranthene	0.002	0.04	J	0.1	0.01	ND		0.1	0.01	0.01	J	0.1	0.01	0.01	J	0.1	0.01
Chrysene	0.002	0.06	J	0.1	0.01	ND		0.1	0.01	0.02	J	0.1	0.01	0.01	J	0.1	0.01
Indeno(1,2,3-cd)pyrene	0.002	0.06	J	0.1	0.01	ND		0.1	0.01	0.01	J	0.1	0.01	ND		0.1	0.01
TOTAL METALS (ug/L)																	
Barium, Total	1000	2409		5	1.73	1417		5	1.73	1586		0.5	0.17	1620		0.5	0.17
Beryllium, Total	3	3.19	J	5	1.07	3.2	J	5	1.07	2		0.5	0.1	2.03		0.5	0.1
Chromium, Total	50	251.8		10	1.78	613.6		10	1.78	119.3		1	0.17	82.65		1	0.17
Copper, Total	200	820		10	3.84	619.1		10	3.84	216.8		1	0.38	245.8		1	0.38
Iron, Total	300	182000		500	191	208000		500	191	108000		50	19.1	103000		50	19.1
Lead, Total	25	166.5		10	3.43	118		10	3.43	125.2		1	0.34	119		1	0.34
Magnesium, Total	35000	237000		700	242	281000		700	242	166000		70	24.2	148000		70	24.2
Manganese, Total	300	26100		10	4.4	9712		10	4.4	2550		1	0.44	6738		1	0.44
Nickel, Total	100	437.4		20	5.56	400.6		20	5.56	146.4		2	0.55	296		2	0.55
Selenium, Total	10	61.4	J	100	34.6	ND		50	17.3	44.8		5	1.73	51.2		5	1.73
Sodium, Total	20000	1250000		2000	586	710000		1000	293	458000		1000	293	606000		1000	293
Thallium, Total	0.5	7.23	J	40	2.86	1.65	J	20	1.43	1.59		1	0.14	1.79		1	0.14

	SAMPLE ID:	GW-5				GW-7				GW-12				GW-13			
	LAB ID:	L2316865-03				L2316865-05				L2331480-06				L2331480-07			
	COLLECTION DATE:	3/30/2023				3/30/2023				6/6/2023				6/6/2023			
	NY-AWQS	GROUNDWATER															
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																	
Chloroform	7	ND		2.5	0.7	5.3		2.5	0.7	ND		2.5	0.7	7		2.5	0.7
PERFLUORINATED ALKYL ACIDS BY EPA 1633																	
Perfluorooctanesulfonic Acid (PFOS)	2.7	20.8		1.6	0.729	23		1.44	0.653	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	6.7	7.05		1.6	0.697	15.6		1.44	0.624	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-SIM																	
Benzo(a)anthracene	0.002	0.09	J	0.1	0.02	0.02	J	0.1	0.02	0.02	J	0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	0	0.08	J	0.1	0.02	ND		0.1	0.02	0.02	J	0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	0.002	0.09	J	0.1	0.01	ND		0.1	0.01	0.02	J	0.1	0.01	0.01	J	0.1	0.01
Benzo(k)fluoranthene	0.002	0.04	J	0.1	0.01	ND		0.1	0.01	0.01	J	0.1	0.01	0.01	J	0.1	0.01
Chrysene	0.002	0.06	J	0.1	0.01	ND		0.1	0.01	0.02	J	0.1	0.01	0.01	J	0.1	0.01
Indeno(1,2,3-cd)pyrene	0.002	0.06	J	0.1	0.01	ND		0.1	0.01	0.01	J	0.1	0.01	ND		0.1	0.01
TOTAL METALS																	
Barium, Total	1000	2409		5	1.73	1417		5	1.73	1586		0.5	0.17	1620		0.5	0.17
Beryllium, Total	3	3.19	J	5	1.07	3.2	J	5	1.07	2		0.5	0.1	2.03		0.5	0.1
Chromium, Total	50	251.8		10	1.78	613.6		10	1.78	119.3		1	0.17	82.65		1	0.17
Copper, Total	200	820		10	3.84	619.1		10	3.84	216.8		1	0.38	245.8		1	0.38
Iron, Total	300	182000		500	191	208000		500	191	108000		50	19.1	103000		50	19.1
Lead, Total	25	166.5		10	3.43	118		10	3.43	125.2		1	0.34	119		1	0.34
Magnesium, Total	35000	237000		700	242	281000		700	242	166000		70	24.2	148000		70	24.2
Manganese, Total	300	26100		10	4.4	9712		10	4.4	2550		1	0.44	6738		1	0.44
Nickel, Total	100	437.4		20	5.56	400.6		20	5.56	146.4		2	0.55	296		2	0.55
Selenium, Total	10	61.4	J	100	34.6	ND		50	17.3	44.8		5	1.73	51.2		5	1.73
Sodium, Total	20000	1250000		2000	586	710000		1000	293	458000		1000	293	606000		1000	293
Thallium, Total	0.5	7.23	J	40	2.86	1.65	J	20	1.43	1.59		1	0.14	1.79		1	0.14

Notes

NYSDEC AWQS - New York State Department of Environmental Conservation

Ambient Water Quality Standard

Exceedance of the NYSDEC AWQS

J = Estimated

ND = Not Detected

3.3 SOIL VAPOR INVESTIGATION RESULTS

Three (3) soil vapor samples and three (3) indoor air samples were collected from temporary soil vapor points in March 2023. The soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15. A summary of the analytical results is presented on **Table 3.5**. A summary of the soil vapor and indoor air detections is presented on **Table 3.6** below and **Figure 3.3**. The laboratory analytical report is provided in **Appendix B**.

The concentrations of soil vapor compounds were evaluated against the NYSDEC Soil Vapor/Indoor Air decision matrices for comparison purposes only. As presented on **Table 3.6** below, the results indicate detections of chlorinated VOCs and petroleum hydrocarbon (PHC) VOCs in indoor air and soil vapor that can be attributed to historic auto repair and laundromat/dry cleaning uses on the Site.

Table 3.6: Summary of Soil Vapor Detections

SAMPLE ID:											IA-6	SSV-6	IA-7	SSV-7
LAB ID:											L2316892-04	L2316892-10	L2316892-05	L2316892-11
COLLECTION DATE:											3/30/2023	3/30/2023	3/30/2023	3/30/2023
SAMPLE MATRIX:	IAC-A	IAC-B	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-D	SSC-E	SSC-F	INDOOR AIR	SOIL_VAPOR	INDOOR AIR	SOIL_VAPOR
VOLATILE ORGANICS IN AIR (ug/m3)											Conc	RL	Conc	RL
1,2,4-Trimethylbenzene			2					60			ND	0.983	3.81	0.983
1,3,5-Trimethylbenzene			2					60			ND	0.983	1.5	0.983
1,3-Butadiene											ND	0.442	ND	0.442
2,2,4-Trimethylpentane			2					60			ND	0.934	ND	0.934
2-Butanone											ND	1.47	5.37	1.47
4-Ethyltoluene											ND	0.983	ND	0.983
Acetone											6.32	2.38	50.4	2.38
Benzene			2					60			0.885	0.639	1.64	0.639
Carbon disulfide											ND	0.623	3.89	0.623
Carbon tetrachloride	0.2					6					0.491	0.126	ND	1.26
Chloroform											ND	0.977	16.3	0.977
Chloromethane											1.11	0.413	ND	0.413
Cyclohexane			2					60			ND	0.688	0.809	0.688
Dichlorodifluoromethane											2.77	0.989	32.6	0.989
Ethanol											ND	9.42	10.9	9.42
Ethylbenzene			2					60			ND	0.869	2.81	0.869
Heptane				6					200		ND	0.82	2.57	0.82
Isopropanol											ND	1.23	2.24	1.23
Methylene chloride		3					100				29.3	1.74	ND	1.74
n-Hexane				6					200		ND	0.705	1.87	0.705
o-Xylene			2					60			ND	0.869	1.66	0.869
p/m-Xylene				6					200		ND	1.74	3.96	1.74
Tertiary butyl Alcohol											ND	1.52	1.94	1.52
Tetrachloroethene		3					100				0.156	0.136	12.9	1.36
Toluene					10				300		2.35	0.754	2.65	0.754
Trichlorofluoromethane											1.42	1.12	11.2	1.12

SAMPLE ID:											IA-8	SSV-8
LAB ID:											L2316892-06	L2316892-12
COLLECTION DATE:											3/30/2023	3/30/2023
SAMPLE MATRIX:	IAC-A	IAC-B	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-D	SSC-E	SSC-F	INDOOR AIR	SOIL_VAPOR
VOLATILE ORGANICS IN AIR (ug/m3)											Conc	RL
1,2,4-Trimethylbenzene			2					60			ND	0.983
1,3,5-Trimethylbenzene			2					60			ND	0.983
1,3-Butadiene											ND	0.442
2,2,4-Trimethylpentane			2					60			ND	0.934
2-Butanone											ND	1.47
4-Ethyltoluene											ND	0.983
Acetone											8.72	2.38
Benzene			2					60			ND	0.639
Carbon disulfide											ND	0.623
Carbon tetrachloride	0.2					6					0.535	0.126
Chloroform											ND	0.977
Chloromethane											1.11	0.413
Cyclohexane			2					60			ND	0.688
Dichlorodifluoromethane											2.81	0.989
Ethanol											ND	9.42
Ethylbenzene			2					60			ND	0.869
Heptane				6					200		ND	0.82
Isopropanol											ND	1.23
Methylene chloride		3					100				ND	1.74
n-Hexane				6					200		ND	0.705
o-Xylene			2					60			ND	0.869
p/m-Xylene				6					200		ND	1.74
Tertiary butyl Alcohol											ND	1.52
Tetrachloroethene		3					100				ND	0.136
Toluene					10				300		ND	0.754
Trichlorofluoromethane											1.53	1.12

Notes

SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-B: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-D: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-E: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-F: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

Exceedance of a IAC/SSC NYDOH Matrix

4.0 CONCLUSIONS AND RECOMMENDATIONS

The exceedances in the soil, groundwater, and soil vapor reported during the investigation are likely a result of the Site's historical land uses, potential presence of underground storage tanks (USTs) and the presence of contaminated historic fill.

- Analytical results of this investigation identified SVOC impacts (specifically PAHs) in soil above the RRSCOs or USCOs throughout the Subject Property from grade to 8.5 ft-bgs. Higher concentrations were specifically found at the east of the Site, which may indicate a historic release. Additionally, metals were found above the USCOs to 19.5 ft-bgs throughout the Site. Lead was found above the RRSCOs in one (1) sample (SB-8 [2-2.5']) from 2 to 2.5 ft-bgs at the northeastern portion of the Site, and cadmium was found from 4.5-5 ft-bgs above the RRSCO in one (1) sample (SB-3 [4.5-5]) at the northcentral portion of the Site, and was mercury found above the RRSCOs in one (1) sample (SB-20 [13-13.5']) from 13 to 13.5 ft-bgs at the northeastern portion of the Site. Lead, cadmium, and mercury were found above the RRSCOs on-subject property in discrete areas, suggesting that they are attributable to historic releases.
- Chromium (total) was found on the northeastern portion of the Site exceeding its USCO. As described below, chromium and lead were also identified in groundwater exceeding the AWQS and therefore, the groundwater pathway for chromium and lead requires further evaluation.
- Pesticides were found above the USCOs to 2.5 ft-bgs at the north central portion of the Site (SB-28S [2-2.5] and SB-29S [1-1.5]). The PFAS compound PFOS was found above the guidance USCO to 2.5 ft-bgs at the northern portion of the Site (SB-25 [0.5-1] and SB-13 [2-2.5]). In addition, PFOA and PFOS were found above the guidance USCO on the northwestern portion of the Site (SB-20 [1-1.5]). These soil exceedances of the USCOs and RRSCOs are likely due to historic property uses, potential USTs, and contaminated historic fill.
- VOCs, PFAS, PAHs, and metals were found in groundwater to exceed the AWQS throughout the Site, likely associated with historical uses, potential USTs, and historic fill contamination. As described above elevated concentrations of PAHs, chromium, and lead were detected in soil exceeding the USCOs and therefore the protection of groundwater pathway must be further evaluated. These elevated concentration PAHs and metals detected in soil that are attributed to the historic auto repairs are impacting the Sites groundwater.

- Several PHC and chlorinated VOCs were detected in the soil vapor and indoor air samples, which may indicate contamination is present throughout the Site from the historic uses.

SESI recommends that prior to any development on the Subject Property additional investigation be conducted to delineate the extent of the SVOCs (PAHs), metals, pesticides, and PFAS contamination in soil and to evaluate soil remedial options. The investigation should also delineate the VOC, SVOCs (PAHs), metals, and PFAS contamination in groundwater and evaluate remedial options available to comply with the AWQS. Finally, a soil vapor intrusion evaluation is recommended to address the potential for soil vapor contamination.

Tables

Table 2.1 Summary of Sample Collection

Sample Location ID	Lab ID	Sample ID	Sample/Well Depth (ft bgs)	Date Collected	Analyses
Soil Samples					
SB-3	JD58458	SB-3 (4.5-5)	4.5-5	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58458	SB-3 (9-9.5)	9-9.5	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58458	SB-3 (13-13.5)	13-13.5	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58458	SB-3 (19-19.5)	19-19.5	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB-8	JD58458	SB-8 (2-2.5)	2-2.5	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58458	SB-8 (5-5.5)	5-5.5	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58458	SB-8 (10.5-11)	10.5-11	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58458	SB-8 (15.5-16)	15.5-16	1/10/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB5	JD58609	SB5 (3.5-4)	3.5-4.0	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB5 (8-8.5)	8.0-8.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB5 (11-11.5)	11.0-11.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB5 (17-17.5)	17.0-17.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB6	JD58609	SB6 (4-4.5)	4.0-4.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB6 (7-7.5)	7.0-7.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB6 (12.5-13)	12.5-13.0	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB6 (15-15.5)	15.0-15.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB10	JD58609	SB10 (3-3.5)	3.0-3.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB10 (6-6.5)	6.0-6.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB10 (10.5-11)	10.5-11.0	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB10 (18-18.5)	18.0-18.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB12	JD58609	SB12 (3.5-4)	3.5-4.0	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB12 (6.5-7)	6.5-7.0	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB12 (14.5-15)	14.5-15.0	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB12 (18-18.5)	18.0-18.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB13	JD58609	SB13 (2-2.5)	2.0-2.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB13 (8-8.5)	8.0-8.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB13 (13.5-14)	13.5-14.0	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58609	SB13 (17-17.5)	17.0-17.5	1/11/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB19	JD58693	SB19(2-2.5)	2.0-2.5	1/12/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58693	SB19(8.5-9)	8.5-9.0	1/12/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58693	SB19(14-14.5)	14.0-14.5	1/12/2023	TCL/TAL, 1,4-Dioxane, PFAS
	JD58693	SB19(15.5-16)	15.5-16.0	1/12/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB-20	L2304857	SB-20 (1-1.5)	1-1.5	1/27/2023	TCL/TAL, 1,4-Dioxane, PFAS
	L2304857	SB-20 (13-13.5)	13-13.5	1/27/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB-23	L2304857	SB-23 (1.5-2)	1.5-2	1/27/2023	TCL/TAL, 1,4-Dioxane, PFAS
	L2304857	SB-23 (8-8.5)	8-8.5	1/27/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB-25	L2304857	SB-25 (0.5-1)	0.5-1	1/27/2023	TCL/TAL, 1,4-Dioxane, PFAS
	L2304857	SB-25 (6-6.5)	6-6.5	1/27/2023	TCL/TAL, 1,4-Dioxane, PFAS
SB-28S	L2331480	SB-28S (2-2.5)	2-2.5	6/6/2023	TCL/TAL
SB-29S	L2331480	SB-29S (1-1.5)	1-1.5	6/6/2023	TCL/TAL
Sample Location ID	Lab ID	Sample ID	Sample/Well Depth (ft bgs)	Date Collected	Analyses
Groundwater Samples					
GW-5	L2316865	GW-5	NA	3/30/2023	TCL+30/TAL, PFAS, 1,4-Dioxane
GW-7	L2316865	GW-7	NA	3/30/2023	TCL+30/TAL, PFAS, 1,4-Dioxane
GW-12	L2331480	GW-12	20	6/6/2023	TCL+30/TAL
GW-13	L2331480	GW-13	20	6/6/2023	TCL+30/TAL
Sample Location ID	Lab ID	Sample ID	Sample/Well Depth (ft bgs)	Date Collected	Analyses
Air Samples					
SSV-6	L2316892	SSV-6	5	3/30/2023	TO-15
IA-6	L2316892	IA-6	NA	3/30/2023	TO-15
SSV-7	L2316892	SSV-7	5	3/30/2023	TO-15
IA-7	L2316892	IA-7	NA	3/30/2023	TO-15
SSV-8	L2316892	SSV-8	5	3/30/2023	TO-15
IA-8	L2316892	IA-8	NA	3/30/2023	TO-15

NA = Not Applicable / Depth to Water was not obtained due to a lack of a depth to water meter

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB31 (2-2.5)	SB31 (13-13.5)	SB32 (3-3.5)	SB32 (7.5-8)	SB33 (1-1.5)	SB33 (6-6.5)	SB34 (3-3.5)	SB34 (14-14.5)	SB35 (2-2.5)	SB35 (7-7.5)	SB36 (5-5.1)	SB36 (5.5-6)	SB37 (2-2.5)	SB37 (12.5-13)														
LAB ID:				L2304445-01	L2304445-02	L2304445-03	L2304445-04	L2304445-05	L2304445-06	L2304445-07	L2304445-08	L2304445-09	L2304445-10	L2304630-01	L2304630-02	L2304630-03	L2304630-04														
COLLECTION DATE:				1/25/2023	1/25/2023	1/25/2023	1/25/2023	1/25/2023	1/25/2023	1/25/2023	1/25/2023	1/25/2023	1/25/2023	1/26/2023	1/26/2023	1/26/2023	1/26/2023														
SAMPLE DEPTH (FT):				2.0-2.5	13.0-13.5	3.0-3.5	7.5-8.0	1.0-1.5	6.0-6.5	3.0-3.5	14.0-14.5	2.0-2.5	7.0-7.5	5.0-5.0	5.5-5.5	2.0-2.5	12.5-13.0														
ANALYTE	CAS	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q														
VOCs (mg/kg)																															
1,1,1,2-Tetrachloroethane	630-20-6			ND		ND		ND		ND		ND		ND		ND															
1,1,1-Trichloroethane	71-55-6	100	0.68	ND		ND		ND		ND		ND		ND		ND															
1,1,2,2-Tetrachloroethane	79-34-5			ND		ND		ND		ND		ND		ND		ND															
1,1,2-Trichloroethane	79-00-5			ND		ND		ND		ND		ND		ND		ND															
1,1-Dichloroethane	75-34-3	26	0.27	ND		ND		ND		ND		ND		ND		ND															
1,1-Dichloroethene	75-35-4	100	0.33	ND		ND		ND		ND		ND		ND		ND															
1,1-Dichloropropene	563-58-6			ND		ND		ND		ND		ND		ND		ND															
1,2,3-Trichlorobenzene	87-61-6			ND		ND		ND		ND		ND		ND		ND															
1,2,3-Trichloropropane	96-18-4			ND		ND		ND		ND		ND		ND		ND															
1,2,4,5-Tetramethylbenzene	95-93-2			ND		ND		ND		ND		0.0026		ND		ND															
1,2,4-Trichlorobenzene	120-82-1			ND		ND		ND		ND		ND		ND		ND															
1,2,4-Trimethylbenzene	95-63-6	52	3.6	ND		ND		ND		ND		0.00086	J	ND		ND															
1,2-Dibromo-3-chloropropane	96-12-8			ND		ND		ND		ND		ND		ND		ND															
1,2-Dibromoethane	106-93-4			ND		ND		ND		ND		ND		ND		ND															
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		ND		ND		ND		ND		ND		ND															
1,2-Dichloroethane	107-06-2	3.1	0.02	ND		ND		ND		ND		ND		ND		ND															
1,2-Dichloroethene, Total	540-59-0			ND		ND		ND		ND		ND		ND		ND															
1,2-Dichloropropane	78-87-5			ND		ND		ND		ND		ND		ND		ND															
1,3,5-Trimethylbenzene	108-67-8	52	8.4	ND		ND		ND		ND		0.0004	J	ND		ND															
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		ND		ND		ND		ND		ND		ND															
1,3-Dichloropropane	142-28-9			ND		ND		ND		ND		ND		ND		ND															
1,3-Dichloropropene, Total	542-75-6			ND		ND		ND		ND		ND		ND		ND															
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		ND		ND		ND		ND		ND		ND															
1,4-Dioxane	123-91-1	13	0.1	ND		ND		ND		ND		ND		ND		ND															
2,2-Dichloropropane	594-20-7			ND		ND		ND		ND		ND		ND		ND															
2-Butanone	78-93-3	100	0.12	ND		ND	0.0025	J	ND		ND	0.0029	J	ND	0.0062	J	ND	0.0047	J	ND											
2-Hexanone	591-78-6			ND		ND		ND		ND		ND		ND		ND															
4-Methyl-2-pentanone	108-10-1			ND		ND		ND		ND		ND		ND		ND															
Acetone	67-64-1	100	0.05	0.0085	J	ND	0.0072	J	ND	0.0082	J	0.0051	J	0.008	J	0.0065	J	0.025	0.0073	J	ND	0.04	ND								
Acrylonitrile	107-13-1			ND		ND		ND		ND		ND		ND		ND															
Benzene	71-43-2	4.8	0.06	ND		ND		ND		ND		ND		ND		ND															
Bromobenzene	108-86-1			ND		ND		ND		ND		ND		ND		ND															
Bromochloromethane	74-97-5			ND		ND		ND		ND		ND		ND		ND															
Bromodichloromethane	75-27-4			ND		ND		ND		ND		ND		ND		ND															
Bromoform	75-25-2			ND		ND		ND		ND		ND		ND		ND															
Bromomethane	74-83-9			ND		ND		ND		ND		ND		ND		ND															
Carbon disulfide	75-15-0			ND		ND		ND		ND		ND		ND		ND															
Carbon tetrachloride	56-23-5	2.4	0.76	ND		ND		ND		ND		ND		ND		ND															
Chlorobenzene	108-90-7	100	1.1	ND		ND		ND		ND		ND		ND		ND															
Chloroethane	75-00-3			ND		ND		ND		ND		ND		ND		ND															
Chloroform	67-66-3	49	0.37	ND		ND		ND		ND		ND		ND		ND															
Chloromethane	74-87-3			ND		ND		ND		ND		ND		ND		ND															
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		ND		ND		ND		ND		ND		ND															
cis-1,3-Dichloropropene	10061-01-5			ND		ND		ND		ND		ND		ND		ND															
Dibromochloromethane	124-48-1			ND		ND		ND		ND		ND		ND		ND															
Dibromomethane	74-95-3			ND		ND		ND		ND		ND		ND		ND															
Dichlorodifluoromethane	75-71-8			ND		ND		ND		ND		ND		ND		ND															
Ethyl ether	60-29-7			ND		ND		ND		ND		ND		ND		ND															
Ethylbenzene	100-41-4	41	1	ND		ND		ND		ND		ND		ND		ND															
Hexachlorobutadiene	87-88-3			ND		ND		ND		ND		ND		ND		ND															
Isopropylbenzene	98-82-8			ND		ND		ND		ND		ND		ND		ND															
Methyl tert butyl ether	1634-04-4	100	0.93	ND		ND		ND		ND		ND		ND		ND															
Methylene chloride	75-09-2	100	0.05	ND		ND		ND		ND		ND		ND		ND															
n-Butylbenzene	104-51-8	100	12	ND		ND		ND		ND		0.00036	J	ND		ND															
n-Propylbenzene	103-65-1	100	3.9	ND		ND		ND		ND		ND		ND		ND															
Naphthalene	91-20-3	100	12	ND		ND		ND		ND		0.02		ND		ND															
o-Chlorotoluene	95-49-8			ND		ND		ND		ND		ND		ND		ND															
o-Xylene	95-47-6			ND		ND		ND		ND		ND		ND		ND															
p-Chlorotoluene	106-43-4			ND		ND		ND		ND		ND		ND		ND															
p-Diethylbenzene	105-05-5			ND		ND		ND		ND		0.00026	J	ND		ND															
p-Ethyltoluene	622-96-8			ND		ND		ND		ND		ND		ND		ND															
p-Isopropyltoluene	99-87-6			ND		ND		ND		ND		0.00021	J	ND		ND															
p/m-Xylene	179601-23-1			ND		ND		ND		ND		ND		ND		ND															
sec-Butylbenzene	135-98-8	100	11	ND		ND		ND		ND		0.00032	J	ND		ND															
Styrene	100-42-5			0.00025	J	ND		ND		ND		0.00037	J	ND	0.00026	J	ND														
tert-Butylbenzene	98-06-6	100	5.9	ND		ND		ND		ND		ND		ND		ND															
Tetrachloroethene	127-18-4	19	1.3	ND		ND		ND		ND		ND		ND		ND															
Toluene	108-88-3	100	0.7	0.0013		0.00098		0.001		0.0013		0.00093	J	ND		0.001		0.00094	J	ND	0.00091	J									
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		ND		ND		ND		ND		ND		ND															
trans-1,3-Dichloropropene	10061-02-6			ND		ND		ND		ND		ND		ND		ND															
trans-1,4-Dichloro-2-butene	110-57-6			ND		ND		ND		ND		ND		ND		ND															
Trichloroethene	79-01-6	21	0.47	ND		ND		ND		ND		ND		ND		ND															
Trichlorofluoromethane	75-69-4			ND		ND		ND		ND		ND		ND		ND															
Vinyl acetate	108-05-4			ND		ND		ND		ND		ND		ND		ND															
Vinyl chloride	75-01-4	0.9	0.02	ND		ND		ND		ND		ND		ND		ND															
Xylenes, Total	1330-20-7	100	0.26	ND		ND		ND		ND		ND		ND		ND															
Total VOCs				0.01005	-	0.00098	-	0.0107	-	0.00157	-	0.00913	-	0.0051	-	0.0109	-	0.00807	-	0.05752	-	0.01116	-	-	-	-	-	0.0447	-	0.00091	-
PFAS (ug/kg)																															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4			ND		ND		ND		ND		ND		ND		ND															
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2			ND		ND		ND		ND		ND		ND		ND															
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6			ND		ND		ND		ND		ND		ND		ND															
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMtFOSAA)	2355-31-9			ND		ND		ND		ND		ND		ND		ND															
Perfluorobutanesulfonic Acid (PFBS)	375-73-5			ND		ND		ND		ND		ND		ND		ND															
Perfluorobutanoic Acid (PFBA)	375-22-4			ND		ND		ND		ND		ND		ND		ND															
Perfluorodecanesulfonic Acid (PFDS)	335-77-3			ND		ND		ND		ND		ND		ND		ND															
Perfluorodecanoic Acid (PFDA)	335-76-2			ND		ND		ND		ND		ND		ND		ND															
Perfluorodecanoic Acid (PFDoA)	307-55-1			ND		ND		ND		ND		ND		ND		ND															
Perfluorooheptanesulfonic Acid (PFHpS)	375-92-8			ND		ND		ND		ND		ND		ND		ND															
Perfluorooheptanoic Acid (PFHpA)	375-85-9			ND		ND		ND		ND		ND		ND		ND															
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4			ND		ND		ND		ND		ND		ND		ND															
Perfluorohexanoic Acid (PFHxA)	307-24-4			0.165	J	ND		ND		ND		ND		ND		ND															
Perfluorononanoic Acid (PFNA)	375-95-1			ND		ND		ND		ND		ND		ND		ND															
Perfluorooctanesulfonamide (PFOSA)	754-91-6			ND		ND		ND		ND		ND		ND		ND															
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	44	0.88	0.157	J	0.159	J	ND		0.111	J	ND		ND		ND															
Perfluorooctanoic Acid (PFOA)	335-67-1	33	0.66	ND		ND		ND		ND		ND		ND		ND															
Perfluoropentanoic Acid (PFPeA)	2706-90-3			0.212	J	ND		ND		ND		ND		ND		ND															
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7			ND		ND		ND		ND		ND		ND		ND															
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8			ND		ND		ND		ND		ND		ND		ND															

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:					SB31 (2-2.5)		SB31 (13-13.5)		SB32 (3-3.5)		SB32 (7-5-8)		SB33 (1-1.5)		SB33 (6-6.5)		SB34 (3-3.5)		SB34 (14-14.5)		SB35 (2-2.5)		SB35 (7-7.5)		SB36 (5-5.1)		SB36 (5.5-6)		SB37 (2-2.5)		SB37 (12.5-13)										
LAB ID:					L2304445-01		L2304445-02		L2304445-03		L2304445-04		L2304445-05		L2304445-06		L2304445-07		L2304445-08		L2304445-09		L2304445-10		L2304630-01		L2304630-02		L2304630-03		L2304630-04										
COLLECTION DATE:					1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023										
SAMPLE DEPTH (FT):					2.0-2.5		13.0-13.5		3.0-3.5		7.5-8.0		1.0-1.5		6.0-6.5		3.0-3.5		14.0-14.5		2.0-2.5		7.0-7.5		0.5-1.0		5.5-6.5		2.0-2.5		12.5-13.0										
ANALYTE					CAS		RRSCO		USCO		Conc		Q		Conc		Q		Conc		Q		Conc		Q		Conc		Q		Conc		Q								
Perfluoroundecanoic Acid (PFUnA)					2058-94-8						ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND								
PFOA/PFOS, Total											0.157	J		0.159	J		ND		ND		0.111	J		ND		ND		ND		ND		ND		ND							
SVOCs (mg/kg)																																									
1,2,4,5-Tetrachlorobenzene						95-94-3					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
1,2,4-Trichlorobenzene						120-82-1					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
1,2-Dichlorobenzene						95-50-1		100	1.1		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
1,3-Dichlorobenzene						541-73-1		49	2.4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
1,4-Dichlorobenzene						106-46-7		13	1.8		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
1,4-Dioxane						123-91-1		13	0.1		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2,4,5-Trichlorophenol						95-95-4					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2,4,6-Trichlorophenol						88-06-2					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2,4-Dichlorophenol						120-83-2					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2,4-Dimethylphenol						105-67-9					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2,4-Dinitrophenol						51-28-5					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2,4-Dinitrotoluene						121-12-4					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2,6-Dinitrotoluene						606-20-2					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2-Chloronaphthalene						91-58-7					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2-Chlorophenol						95-57-8					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2-Methylnaphthalene						91-57-6					ND		0.024	J		ND		ND		0.025	J		ND		0.63		0.022	J		ND		ND		0.045	J		ND				
2-Methylphenol						95-48-7		100	0.33		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2-Nitroaniline						88-74-4					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
2-Nitrophenol						88-75-5					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
3,3'-Dichlorobenzidine						91-94-1					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
3-Methylphenol/4-Methylphenol						108-39-4/106-44-5		100	0.33		ND		ND		ND		ND		ND		ND		0.042	J		ND		ND		ND		ND		ND		ND					
3-Nitroaniline						99-09-2					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
4,6-Dinitro-o-cresol						534-52-1					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
4-Bromophenyl phenyl ether						101-55-3					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
4-Chloroaniline						106-47-8					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
4-Chlorophenyl phenyl ether						7005-72-3					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
4-Nitroaniline						100-01-6					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
4-Nitrophenol						100-02-7					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
Acenaphthene						83-32-9		100	20		ND		ND		ND		ND		0.039	J		ND		0.75		0.04	J		0.077	J		ND		0.13	J		ND				
Acenaphthylene						208-96-8		100	100		ND		ND		ND		ND		ND		ND		1.8		ND		ND		ND		ND		0.15		ND						
Acetophenone						98-86-2					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND						
Anthracene						120-12-7		100	100		ND		ND		ND		ND		0.046	J		0.085	J		2.8		0.11		0.23		ND		0.42		ND						
Benzo(a)anthracene						56-55-3		1	1		0.12		0.13		0.096	J		ND		0.2		0.26		ND		7.3		0.29		0.58		0.041	J		1.2		ND				
Benzo(a)pyrene						50-32-8		1	1		0.12	J	0.13	J	0.093	J		ND		0.2		0.25		ND		7.4		0.27		0.46		ND		1.1		ND					
Benzo(b)fluoranthene						205-99-2		1	1		0.16		0.16		0.11		ND		0.037	J		0.25		0.31		ND		7.9		0.32		0.47		0.051	J		1.2		ND		
Benzo(ghi)perylene						191-24-2		100	100		0.089	J	0.08	J	0.063	J		ND		0.021	J		0.12	J		0.16		ND		3.3		0.17		0.23		0.033	J		0.54		ND
Benzo(k)fluoranthene						207-08-9		3.9	0.8		0.048	J	0.047	J	0.04	J		ND		0.077	J		0.096	J		ND		2.6		0.089	J		0.18		ND		0.35		ND		
Benzoic Acid						65-85-0					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Benzyl Alcohol						100-51-6					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Biphenyl						92-52-4					ND		ND		ND		ND		ND		ND		0.16	J		ND		ND		ND		ND		ND		ND					
Bis(2-chloroethoxy)methane						111-91-1					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Bis(2-chloroethyl)ether						111-44-4					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Bis(2-chloroisopropyl)ether						108-60-1					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Bis(2-ethylhexyl)phthalate						117-81-7					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Butyl benzyl phthalate						85-68-7					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Carbazole						86-74-8					ND		ND		ND		ND		0.02	J		0.034	J		ND		0.8		0.044	J		0.041	J		ND		0.072	J		ND	
Chrysene						218-01-9		3.9	1		0.11	J	0.12		0.078	J		ND		0.024	J		0.19		0.25		ND		8.7		0.28		0.57		0.039	J		1.3		ND	
Di-n-butylphthalate						84-74-2					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Di-n-octylphthalate						117-84-0					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Dibenzo(a,h)anthracene						53-70-3		0.33	0.33		ND		ND		ND		ND		0.029	J		0.035	J		ND		8.91		0.034	J		0.066	J		ND		0.16		ND		
Dibenzofuran						132-64-9		59	7		ND		ND		ND		ND		0.017	J		0.019	J		ND		0.67		0.032	J		0.037	J		ND		0.097	J		ND	
Diethyl phthalate						84-66-2					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Dimethyl phthalate						131-11-3					ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND				
Fluoranthene						206-44-0					131-11-3		0.22		0.17		ND		ND		ND		0.49		ND		16		2.52		1.2		0.054	J		ND		ND			
Fluorene						86-73-7		100	30		ND		ND		ND		ND		0.35		ND		0.029	J		ND		1.6		0.033	J		0.068	J		ND		0.05	J		ND
Hexachlorobenzene						118-74-1		1.2	0.33	</																															

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB31 (2-2.5)		SB31 (13-13.5)		SB32 (3-3.5)		SB32 (7.5-8)		SB33 (1-1.5)		SB33 (6-6.5)		SB34 (3-3.5)		SB34 (14-14.5)		SB35 (2-2.5)		SB35 (7-7.5)		SB36 (.5-1)		SB36 (5.5-6)		SB37 (2-2.5)		SB37 (12.5-13)			
LAB ID:				L2304445-01		L2304445-02		L2304445-03		L2304445-04		L2304445-05		L2304445-06		L2304445-07		L2304445-08		L2304445-09		L2304445-10		L2304630-01		L2304630-02		L2304630-03		L2304630-04			
COLLECTION DATE:				1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023			
SAMPLE DEPTH (FT):				2.0-2.5		13.0-13.5		3.0-3.5		7.5-8.0		1.0-1.5		6.0-6.5		3.0-3.5		14.0-14.5		2.0-2.5		7.0-7.5		0.5-1.0		5.5-6.5		2.0-2.5		12.5-13.0			
ANALYTE		CAS	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q			
Aroclor 1221		11104-28-2	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Aroclor 1232		11141-16-5	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Aroclor 1242		53469-21-9	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Aroclor 1248		12672-29-6	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Aroclor 1254		11097-69-1	1	0.1	ND		ND		ND		ND		ND	0.0596		ND		ND	0.0288	J	ND		ND		ND		ND		0.00921	J	ND		
Aroclor 1260		11096-82-5	1	0.1	ND		ND		ND		ND		ND		ND	0.0165	J	ND	0.00816	J	ND		ND		ND		ND		ND		ND		
Aroclor 1262		37324-23-5	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Aroclor 1268		11100-14-4	1	0.1	ND		ND		ND		ND		ND		ND		ND	0.00863	J	ND		ND		ND		ND		ND		ND		ND	
PCBs, Total		1336-36-3	1	0.1	ND		ND		ND		ND		ND		ND	0.0596		0.0251	J	ND		ND	0.037	J	ND		ND		ND	0.00921	J	ND	
Metals (mg/kg)																																	
Aluminum, Total		7429-90-5			7520		6390		5540		15400		5530		6100		8800		2010		6850		5630		5690		7520		7490		4480		
Antimony, Total		7440-36-0			1.17	J	0.985	J	0.883	J	1.31	J	0.819	J	0.639	J	2.71	J	0.557	J	ND		ND		0.713	J	0.702	J	0.764	J	0.551	J	
Arsenic, Total		7440-38-2	16	13	1.1		1.39		1.03		0.848	J	0.834		1.16		6.65		0.668	J	3.33		0.78	J	2.03		1.88		2.5		1.69		
Barium, Total		7440-39-3	400	350	76.7		62.3		59.9		243		61.6		87		224		28.1		89.4		70.7		46.8		63.9		75.1		58.1		
Beryllium, Total		7440-41-7	72	7.2	1.79		1.53		1.39		2.79		1.51		1.6		2.31		0.637		ND		ND		ND		0.052	J	0.05	J	0.032	J	
Cadmium, Total		7440-43-9	4.3	2.5	0.403	J	0.319	J	0.266	J	0.33	J	0.253	J	0.245	J	1.71		0.136	J	ND		ND		ND		0.107	J	ND		ND		
Calcium, Total		7440-70-2			5560		5720		7390		3280		7140		9130		6620		9100		11000		5960		4140		4680		7770		2040		
Chromium, Total		7440-47-3	110	30	15.2		13.1		11.8		18		12.8		11.4		39.9		5.96		14.1		14.9		12.7		14.7		15.8		12.7		
Cobalt, Total		7440-48-4			8.92		6.27		4.71		10.2		5.06		4.74		7.38		2.96		5.67		6.2		5.86		5.85		6.48		8.9		
Copper, Total		7440-50-8	270	50	37.4		24.8		14.2		31.7		16.1		16.4		64.9		6.74		21.3		15.4		20.4		18.4		33.6		15.1		
Iron, Total		7439-89-6			15900		12600		11500		17200		11700		11000		28700		5600		12400		10300		12200		13100		15000		11200		
Lead, Total		7439-92-1	400	63	40.3		31.2		23.3		4.49	J	16.2		37.1		752		2.2	J	96.2		9.86		19		10.2		49.6		1.45	J	
Magnesium, Total		7439-95-4			5370		5020		3140		4410		4860		3230		6470		4940		4240		5500		3700		3510		5480		1950		
Manganese, Total		7439-96-5	2000	1600	192		163		182		384		177		204		314		84.7		243		152		197		212		197		215		
Mercury, Total		7439-97-6	0.81	0.18	0.083		0.087		ND		ND		ND		0.048	J	0.102		ND		0.048	J	ND		ND		ND		0.09		ND		
Nickel, Total		7440-02-0	310	30	12.6		9.62		7.44		14.1		8.13		8.72		25.7		4.36		12.6		13.2		10.5		10.5		11.3		8.4		
Potassium, Total		7440-09-7			1940		1580		1560		2710		1780		1680		1860		701		1680		2000		1330		1570		1610		1540		
Selenium, Total		7782-49-2	180	3.9	ND		ND		ND		ND		ND		ND		ND		ND		0.458	J	ND		0.4	J	0.528	J	0.313	J	0.327	J	
Silver, Total		7440-22-4	180	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Sodium, Total		7440-23-5			888		177		148	J	486		240		160	J	335		96.8	J	227		212		201		193		302		325		
Thallium, Total		7440-28-0			0.395	J	ND		0.268	J	0.49	J	ND		0.31	J	0.533	J	ND		ND		ND		ND		ND		ND		ND		
Vanadium, Total		7440-62-2			39.4		28.4		18.2		31.4		19		18.3		30.5		8.73		19.8		17.6		20.8		21.8		31.1		17.1		
Zinc, Total		7440-66-6	10000	109	59.1		47.4		33.3		34.8		34		44.8		352		10.8		74.9		30.4		35		27.6		50.8		22.1		
TCLP Metals (mg/l)																																	
Lead, TCLP		7439-92-1			-		-		-		-		-		-		1.79		-		-		-		-		-		-		-		
Lead, TCLP		7439-92-1																															
GENERAL CHEMISTRY																																	
Cyanide, Total		57-12-5	27	27	ND		ND		ND		ND		ND		ND		0.22	J	ND		ND		ND		ND		ND		ND		ND		
Solids, Total		NONE			80.2		93		94.5		82		94		93.9		94		97.3		93.1		93.6		94.6		92.7		93.6		95.3		

Notes
NYSDEC - New York State Department of Environmental Conservation
RRSCO - Restricted Residential Soil Cleanup Objectives
USCO - Unrestricted Soil Cleanup Objectives
Exceedance of the RRSCOs
Exceedance of the USCOs
J = Estimated
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-specified criteria.

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB38 (3-3.5)		SB38 (5-5.5)		SB39 (1-1.5)		SB39 (11-11.5)		SB40 (4.5-5)		SB40 (7-7.5)		SB20 (1-1.5)		SB20 (13-13.5)		SB21 (2-2.5)		SB21 (10-10.5)		SB22 (3-3.5)		SB22 (7-7.5)		SB23 (1.5-2)		SB23 (8-8.5)			
LAB ID:				L2304630-05		L2304630-06		L2304630-07		L2304630-08		L2304630-09		L2304630-10		L2304857-01		L2304857-02		L2304857-03		L2304857-04		L2304857-05		L2304857-06		L2304857-07		L2304857-08			
COLLECTION DATE:				1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023			
SAMPLE DEPTH (FT):				3.0-3.5		5.0-5.5		1.0-1.5		11.0-11.5		4.5-5.0		7.0-7.5		1.0-1.5		13.0-13.5		2.0-2.5		10.-10.5		3.0-3.5		7.0-7.5		1.5-2.0		8.0-8.5			
ANALYTE				CAS		RRSCO		USCO		Conc		Q		Conc		Q		Conc		Q		Conc		Q		Conc		Q		Conc		Q	
VOCs (mg/kg)																																	
1,1,1,2-Tetrachloroethane				630-20-6						ND				ND				ND				ND				ND				ND			
1,1,1-Trichloroethane				71-55-6		100		0.68		ND				ND				ND				ND				ND				ND			
1,1,2,2-Tetrachloroethane				79-34-5						ND				ND				ND				ND				ND				ND			
1,1,2-Trichloroethane				79-00-5						ND				ND				ND				ND				ND				ND			
1,1-Dichloroethane				75-34-3		26		0.27		ND				ND				ND				ND				ND				ND			
1,1-Dichloroethene				75-35-4		100		0.33		ND				ND				ND				ND				ND				ND			
1,1-Dichloropropene				563-58-6						ND				ND				ND				ND				ND				ND			
1,2,3-Trichlorobenzene				87-61-6						ND				ND				ND				ND				ND				ND			
1,2,3-Trichloropropane				96-18-4						ND				ND				ND				ND				ND				ND			
1,2,4,5-Tetramethylbenzene				95-93-2						ND				ND				ND				ND				ND				ND			
1,2,4-Trichlorobenzene				120-82-1						ND				ND				ND				ND				ND				ND			
1,2,4-Trimethylbenzene				95-63-6		52		3.6		ND				ND				ND				ND				ND				ND			
1,2-Dibromo-3-chloropropane				96-12-8						ND				ND				ND				ND				ND				ND			
1,2-Dibromoethane				106-93-4						ND				ND				ND				ND				ND				ND			
1,2-Dichlorobenzene				95-50-1		100		1.1		ND				ND				ND				ND				ND				ND			
1,2-Dichloroethane				107-06-2		3.1		0.02		ND				ND				ND				ND				ND				ND			
1,2-Dichloroethene, Total				540-59-0						ND				ND				ND				ND				ND				ND			
1,2-Dichloropropane				78-87-5						ND				ND				ND				ND				ND				ND			
1,3,5-Trimethylbenzene				108-67-8		52		8.4		ND				ND				ND				ND				ND				ND			
1,3-Dichlorobenzene				541-73-1		49		2.4		ND				ND				ND				ND				ND				ND			
1,3-Dichloropropane				142-28-9						ND				ND				ND				ND				ND				ND			
1,3-Dichloropropene, Total				542-75-6						ND				ND				ND				ND				ND				ND			
1,4-Dichlorobenzene				106-46-7		13		1.8		ND				ND				ND				ND				ND				ND			
1,4-Dioxane				123-91-1		13		0.1		ND				ND				ND				ND				ND				ND			
2,2-Dichloropropane				594-20-7						ND				ND				ND				ND				ND				ND			
2-Butanone				78-93-3		100		0.12		0.0053		J		ND				0.0034		J		0.0036		J		ND				ND			
2-Hexanone				591-78-6						ND				ND				ND				ND				ND				ND			
4-Methyl-2-pentanone				108-10-1						ND				ND				ND				ND				ND				ND			
Acetone				67-64-1		100		0.05		0.039		0.01		0.0074		J		ND				0.029		ND		0.005		J		ND			
Acrylonitrile				107-13-1						ND				ND				ND				ND				ND				ND			
Benzene				71-43-2		4.8		0.06		ND				ND				ND				ND				ND				ND			
Bromobenzene				108-86-1						ND				ND				ND				ND				ND				ND			
Bromochloromethane				74-97-5						ND				ND				ND				ND				ND				ND			
Bromodichloromethane				75-27-4						ND				ND				ND				ND				ND				ND			
Bromoform				75-25-2						ND				ND				ND				ND				ND				ND			
Bromomethane				74-83-9						ND				ND				ND				ND				ND				ND			
Carbon disulfide				75-15-0						ND				ND				ND				ND				ND				ND			
Carbon tetrachloride				56-23-5		2.4		0.76		ND				ND				ND				ND				ND				ND			
Chlorobenzene				108-90-7		100		1.1		ND				ND				ND				ND				ND				ND			
Chloroethane				75-00-3						ND				ND				ND				ND				ND				ND			
Chloroform				67-66-3		49		0.37		ND				ND				ND				ND				ND				ND			
Chloromethane				74-87-3						ND				ND				ND				ND				ND				ND			
cis-1,2-Dichloroethene				156-59-2		100		0.25		ND				ND				ND				ND				ND				ND			
cis-1,3-Dichloropropene				10061-01-5						ND				ND				ND				ND				ND				ND			
Dibromochloromethane				124-48-1						ND				ND				ND				ND				ND				ND			
Dibromomethane				74-95-3						ND				ND				ND				ND				ND				ND			
Dichlorodifluoromethane				75-71-8						ND				ND				ND				ND				ND				ND			
Ethyl ether				60-29-7						ND				ND				ND				ND				ND				ND			
Ethylbenzene				100-41-4		41		1		ND				ND				ND				ND				ND				ND			
Hexachlorobutadiene				87-68-3						ND				ND				ND				ND				ND				ND			
Isopropylbenzene				98-82-8						ND				ND				ND				ND				ND				ND			
Methyl tert butyl ether				1634-04-4		100		0.93		ND				ND				ND				ND				ND				ND			
Methylene chloride				75-09-2		100		0.05		ND				ND				ND				ND				ND				ND			
n-Butylbenzene				104-51-8						ND				ND				ND				ND				ND				ND			
n-Propylbenzene				103-65-1		100		3.9		ND				ND				ND				ND				ND				ND			
Naphthalene				91-20-3		100		12		ND				ND				ND				ND				ND				ND			
o-Chlorotoluene				95-49-8						ND				ND				ND				0.0021		J		0.00072		J		ND			
o-Xylene				95-47-6						ND				ND				ND				ND				ND				ND			
p-Chlorotoluene				106-43-4						ND				ND				ND				ND				ND				ND			
p-Diethylbenzene				105-05-5						ND				ND				ND				ND				ND				ND			
p-Ethyltoluene				622-96-8						ND				ND				ND				ND				ND				ND			
p-Isopropyltoluene				99-87-6						ND				ND				ND				ND				ND				ND			
p/m-Xylene				179601-23-1						ND				ND				ND				ND				ND				ND			
sec-Butylbenzene				135-98-8		100		11		ND				ND				ND				ND				ND				ND			
Styrene				100-42-5						ND				ND				ND				ND				ND				ND			
tert-Butylbenzene				98-06-6		100		5.9		ND				ND				ND				ND				ND				ND			
Tetrachloroethene				127-18-4		19		1.3		ND				ND				ND				ND				ND				ND			
Toluene				108-88-3		100		0.7		0.00091		J		0.00088		J		0.00087		J		0.0013				0.0012		0.00084		J			
trans-1,2-Dichloroethene				156-60-5		100		0.19		ND				ND				ND				ND				ND				ND			
trans-1,3-Dichloropropene				10061-02-6						ND				ND				ND				ND				ND				ND			
trans-1,4-Dichloro-2-butene				110-57-6						ND				ND				ND				ND				ND				ND			
Trichloroethene				79-01-6		21		0.47		ND				ND				ND				ND				ND				ND			
Trichlorofluoromethane				75-69-4						ND				ND				ND				ND				ND				ND			
Vinyl acetate				108-05-4						ND				ND				ND				ND				ND				ND			
Vinyl chloride				7																													

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB38 (3-3.5)	SB38 (5-5.5)	SB39 (1-1.5)	SB39 (11-11.5)	SB40 (4.5-5)	SB40 (7-7.5)	SB20 (1-1.5)	SB20 (13-13.5)	SB21 (2-2.5)	SB21 (10-10.5)	SB22 (3-3.5)	SB22 (7-7.5)	SB23 (1.5-2)	SB23 (8-8.5)
LAB ID:				L2304630-05	L2304630-06	L2304630-07	L2304630-08	L2304630-09	L2304630-10	L2304857-01	L2304857-02	L2304857-03	L2304857-04	L2304857-05	L2304857-06	L2304857-07	L2304857-08
COLLECTION DATE:				1/26/2023	1/26/2023	1/26/2023	1/26/2023	1/26/2023	1/26/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023
SAMPLE DEPTH (FT):				3.0-3.5	5.0-5.5	1.0-1.5	11.0-11.5	4.5-5.0	7.0-7.5	1.0-1.5	13.0-13.5	2.0-2.5	10.-10.5	3.0-3.5	7.0-7.5	1.5-2.0	8.0-8.5
ANALYTE	CAS	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Perfluoroundecanoic Acid (PFUnA)	2058-94-8			ND		ND		ND		ND		ND		ND		ND	
PFOA/PFOS, Total				ND		ND		ND		ND	6.24	ND		0.384	J	0.45	J
SVOCs (mg/kg)																	
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	120-82-1			ND		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		ND		ND		ND		ND		ND		ND	
1,4-Dioxane	123-91-1	13	0.1	ND		ND		ND		ND		ND		ND		ND	
2,4,5-Trichlorophenol	95-95-4			ND		ND		ND		ND		ND		ND		ND	
2,4,6-Trichlorophenol	88-06-2			ND		ND		ND		ND		ND		ND		ND	
2,4-Dichlorophenol	120-83-2			ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	105-67-9			ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrophenol	51-28-5			ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene	121-14-2			ND		ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene	606-20-2			ND		ND		ND		ND		ND		ND		ND	
2-Chloronaphthalene	91-58-7			ND		ND		ND		ND		ND		ND		ND	
2-Chlorophenol	95-57-8			ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	91-57-6			0.027	J	0.04	J	ND		ND		0.023	J	ND		0.13	J
2-Methylphenol	95-48-7	100	0.33	ND		ND		ND		ND		ND		ND		ND	
2-Nitroaniline	88-74-4			ND		ND		ND		ND		ND		ND		ND	
2-Nitrophenol	88-75-5			ND		ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	91-94-1			ND		ND		ND		ND		ND		ND		ND	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		ND		ND		ND		ND		ND		ND	
3-Nitroaniline	99-09-2			ND		ND		ND		ND		ND		ND		ND	
4,6-Dinitro-o-cresol	534-52-1			ND		ND		ND		ND		ND		ND		ND	
4-Bromophenyl phenyl ether	101-55-3			ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	106-47-8			ND		ND		ND		ND		ND		ND		ND	
4-Chlorophenyl phenyl ether	7005-72-3			ND		ND		ND		ND		ND		ND		ND	
4-Nitroaniline	100-01-6			ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	100-02-7			ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	83-32-9	100	20	0.05	J	0.073	J	0.024	J	ND	0.072	J	ND	0.024	J	0.027	J
Acenaphthylene	208-96-8	100	100	0.047	J	0.069	J	0.049	J	ND	0.044	J	ND	0.14		ND	
Acetophenone	98-86-2			ND		ND		ND		ND		ND		ND		ND	
Anthracene	120-12-7	100	100	0.06	J	0.084	J	0.072	J	ND	0.11		ND	0.095	J	0.069	J
Benzo(a)anthracene	56-55-3	1	1	0.13		0.13		0.22		ND	0.34		ND	0.59		0.19	
Benzo(a)pyrene	50-32-8	1	1	0.16		0.14		0.26		ND	0.36		ND	0.57		0.48	
Benzo(b)fluoranthene	205-99-2	1	1	0.18		0.16		0.28		ND	0.43		ND	0.63		0.23	
Benzo(ghi)perylene	191-24-2	100	100	0.091	J	0.076	J	0.17		ND	0.2		0.024	J	0.34	0.091	J
Benzo(k)fluoranthene	207-08-9	3.9	0.8	0.044	J	0.056	J	0.12		ND	0.14		ND	0.24		0.06	J
Benzoic Acid	65-85-0			ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	100-51-6			ND		ND		ND		ND		ND		ND		ND	
Biphenyl	92-52-4			ND		ND		ND		ND		ND		ND		ND	
Bis(2-chloroethoxy)methane	111-91-1			ND		ND		ND		ND		ND		ND		ND	
Bis(2-chloroethyl)ether	111-44-4			ND		ND		ND		ND		ND		ND		ND	
Bis(2-chloroisopropyl)ether	108-60-1			ND		ND		ND		ND		ND		ND		ND	
Bis(2-ethylhexyl)phthalate	117-81-7			ND		ND		ND		ND		ND		ND		ND	
Butyl benzyl phthalate	85-68-7			ND		ND		ND		ND		ND		ND		ND	
Carbazole	86-74-8			ND		ND		0.033	J	ND	0.064	J	ND	0.13	J	0.037	J
Chrysene	218-01-9	3.9	1	0.14		0.13		0.22		ND	0.33		0.019	J	0.55		
Di-n-butylphthalate	84-74-2			ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	117-84-0			ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.022	J	ND		0.048	J	ND	0.052	J	ND	0.026	J	0.075	J
Dibenzofuran	132-64-9	59	7	0.041	J	ND		0.018	J	ND	0.022	J	ND	0.031	J	ND	
Diethyl phthalate	84-66-2			ND		ND		ND		ND		ND		ND		ND	
Dimethyl phthalate	131-11-3			ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	206-44-0	100	100	0.27		0.25		0.45		ND	0.79		0.03	J	1.1	0.22	
Fluorene	86-73-7	100	30	0.028	J	0.12	J	0.023	J	ND	0.046	J	ND	0.064	J	ND	
Hexachlorobenzene	118-74-1	1.2	0.33	ND		ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	87-68-3			ND		ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene	77-47-4			ND		ND		ND		ND		ND		ND		ND	
Hexachloroethane	67-72-1			ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.078	J	0.067	J	0.15		ND	0.19		ND	0.32		0.078	J
Isophorone	78-59-1			ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodi-n-propylamine	621-64-7			ND		ND		ND		ND		ND		ND		ND	
Naphthalene	91-20-3	100	12	0.021	J	ND		ND		ND	0.023	J	ND	0.025	J	ND	
NDPA/DPA	86-30-6			ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	98-95-3			ND		ND		ND		ND		ND		ND		ND	
p-Chloro-m-cresol	59-50-7			ND		ND		ND		ND		ND		ND		ND	
Pentachlorophenol	87-86-5	6.7	0.8	ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	85-01-8	100	100	0.14		0.49		0.22		ND	0.47		ND	0.72		0.11	
Phenol	108-95-2	100	0.33	ND		ND		ND		ND		ND		ND		ND	
Pyrene	129-00-0	100	100	0.27		0.32		0.41		ND	0.71		0.031	J	0.95	0.21	
Total SVOCs				1.799	-	2.205	-	2.767	-	-	-	4.375	-	0.104	-	6.648	-
Pesticides (mg/kg)																	
4,4'-DDD	72-54-8	13	0.0033	0.000782	J	ND		0.00124	J	ND		0.00205					

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB38 (3-3.5)		SB38 (5-5.5)		SB39 (1-1.5)		SB39 (11-11.5)		SB40 (4.5-5)		SB40 (7-7.5)		SB20 (1-1.5)		SB20 (13-13.5)		SB21 (2-2.5)		SB21 (10-10.5)		SB22 (3-3.5)		SB22 (7-7.5)		SB23 (1.5-2)		SB23 (8-8.5)			
LAB ID:				L2304630-05		L2304630-06		L2304630-07		L2304630-08		L2304630-09		L2304630-10		L2304857-01		L2304857-02		L2304857-03		L2304857-04		L2304857-05		L2304857-06		L2304857-07		L2304857-08			
COLLECTION DATE:				1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/26/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023			
SAMPLE DEPTH (FT):				3.0-3.5		5.0-5.5		1.0-1.5		11.0-11.5		4.5-5.0		7.0-7.5		1.0-1.5		13.0-13.5		2.0-2.5		10.-10.5		3.0-3.5		7.0-7.5		1.5-2.0		8.0-8.5			
ANALYTE		CAS		RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q		
Aroclor 1221		11104-28-2		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1232		11141-16-5		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1242		53469-21-9		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1248		12672-29-6		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1254		11097-69-1		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1260		11096-82-5		1	0.1	ND		ND		ND		ND		0.0918		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1262		37324-23-5		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1268		11100-14-4		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
PCBs, Total		1336-36-3		1	0.1	ND		ND		ND		ND		0.0918		ND		ND		ND		ND		ND		ND		ND		ND			
Metals (mg/kg)																																	
Aluminum, Total		7429-90-5					7530		6350		8020		5080		8340		8400		5380		7750		4260		5070		6210		4830		5380		
Antimony, Total		7440-36-0				1.27	J	0.672	J	0.906	J	0.506	J	0.733	J	0.853	J	0.858	J	1.51	J	0.722	J	0.84	J	1.67	J	0.847	J	0.735	J	0.823	J
Arsenic, Total		7440-38-2		16	13	2.66		2.96		2.65		1.72		2.64		2.22		1.82		3.09		1.25		1.95		3.07		1.54		1.76		1.52	
Barium, Total		7440-39-3		400	350	69.4		59.5		75		48.1		76.3		50.1		41.7		69		39.3		35.1		61.7		37		43.9		38.6	
Beryllium, Total		7440-41-7		72	7.2	0.062	J	0.069	J	0.029	J	0.087	J	0.055	J	0.072	J	ND		ND		ND		ND		ND		ND		ND		ND	
Cadmium, Total		7440-43-9		4.3	2.5	0.152	J	0.084	J	0.183	J	ND		ND		ND		0.222	J	0.164	J	0.443	J	0.171	J	0.195	J	0.095	J	0.136	J	0.128	J
Calcium, Total		7440-70-2				8110		5540		6540		1460		6710		4190		12300		7710		27300		21800		11100		15700		10700		8810	
Chromium, Total		7440-47-3		110	30	14.2		14.3		15.3		13.2		23.7		16		11.4		15.6		9.5		12.7		13.4		10.8		10.9		11.3	
Cobalt, Total		7440-48-4				7.24		5.82		7.49		7.25		7.1		5.54		5.45		6.21		4.8		4.89		5.87		5.23		5.16		5.46	
Copper, Total		7440-50-8		270	50	37.6		23.7		70.8		14.9		31.5		19.4		15.1		24.6		12.3		15.1		19.3		13.5		14.1		13.9	
Iron, Total		7439-89-6				16400		14000		16000		12300		15800		13000		10700		13700		9090		9760		13500		10200		10100		10700	
Lead, Total		7439-92-1		400	63	58.5		18.4		49.3		1.92	J	36.3		18		11.3		99.8		1.81	J	2.53	J	68.8		1.79	J	12.7		2.74	J
Magnesium, Total		7439-95-4				6100		3200		5170		2210		4310		3270		7840		5650		9570		7000		7500		9680		7860		6980	
Manganese, Total		7439-96-5		2000	1600	190		180		222		204		206		189		162		151		124		166		176		151		167		138	
Mercury, Total		7439-97-6		0.81	0.18	0.109		0.076		0.087		ND		0.134		0.066	J	0.058	J	0.639		ND		ND		0.219		ND		0.073	J	ND	
Nickel, Total		7440-02-0		310	30	12.2		9.7		13.2		8.73		14.4		10.3		9.74		11.1		8.73		9.16		10.3		9.81		9.58		9.51	
Potassium, Total		7440-09-7				1490		1520		1690		1060		1600		1410		1800		1610		1420		1270		1700		1580		1670		1660	
Selenium, Total		7782-49-2		180	3.9	0.489	J	0.451	J	0.714	J	0.447	J	0.672	J	0.643	J	0.224	J	0.881	J	ND		ND		0.746	J	0.342	J	0.486	J	0.732	J
Silver, Total		7440-22-4		180	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium, Total		7440-23-5				296		227		349		150	J	284		248		315		525		821		939		626		503		224		100	J
Thallium, Total		7440-28-0				ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium, Total		7440-62-2				33.3		24.4		34.7		18.5		32.8		21.6		17.5		22.7		13.8		16.5		19.7		15.5		15.9		16.6	
Zinc, Total		7440-66-6		10000	109	68.4		42.3		78		19.2		44.8		31.8		39.7		80.5		24.4		25.2		61.7		29.2		36		27	
TCLP Metals (mg/l)																																	
Lead, TCLP		7439-92-1				-		-		-		-		-		-		-		-		-		-		-		-		-		-	
Lead, TCLP		7439-92-1																															
GENERAL CHEMISTRY																																	
Cyanide, Total		57-12-5		27	27	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Solids, Total		NONE				93		93.4		93.7		93.2		93.2		93.8		96		88.6		94.3		81.6		94.1		92		93		92.8	

Notes
NYSDEC - New York State Department of Environmental Conservation
RRSCO - Restricted Residential Soil Cleanup Objectives
USCO - Unrestricted Soil Cleanup Objectives
Exceedance of the RRSCOs
Exceedance of the USCOs
J = Estimated
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-specified criteria.

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB24 (4.5-5)	SB24 (13-13.5)	SB25 (.5-1)	SB25 (6-6.5)	SB26 (4-4.5)	SB26 (9.5-10)	SB27 (3-3.5)	SB27 (11-11.5)	SB-1 (0.5-1)	SB-1 (2.5-3)	SB-2 (5.5-6)	SB-2 (0-0.5)	SB-3 (3-3.5)	SB-3 (5-5.5)
LAB ID:				L2304857-09	L2304857-10	L2304857-11	L2304857-12	L2304857-13	L2304857-14	L2304857-15	L2304857-16	L2315492-01	L2315492-02	L2315492-03	L2315492-04	L2315492-05	L2315492-06
COLLECTION DATE:				1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023
SAMPLE DEPTH (FT):				4.5-5.0	13.0-13.5	0.5-1.0	6.0-6.5	4.0-4.5	9.5-10.0	3.0-3.5	11.0-11.5	0.5-1.0	2.5-3.0	5.5-6.0	0.0-0.5	3.0-3.5	5.0-5.5
ANALYTE	CAS	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOCs (mg/kg)																	
1,1,1,2-Tetrachloroethane	630-20-6			ND		ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	71-55-6	100	0.68	ND		ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	79-34-5			ND		ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	79-00-5			ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	75-34-3	26	0.27	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	75-35-4	100	0.33	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloropropene	563-58-6			ND		ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	87-61-6			ND		ND		ND		ND		ND		ND		ND	
1,2,3-Trichloropropane	96-18-4			ND		ND		ND		ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	95-93-2			ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	120-82-1			ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	95-63-6	52	3.6	ND		ND		ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	96-12-8			ND		ND		ND		ND		ND		ND		ND	
1,2-Dibromoethane	106-93-4			ND		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloroethane	107-06-2	3.1	0.02	ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloroethene, Total	540-59-0			ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloropropane	78-87-5			ND		ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	108-67-8	52	8.4	ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		ND		ND		ND		ND		ND		ND	
1,3-Dichloropropane	142-28-9			ND		ND		ND		ND		ND		ND		ND	
1,3-Dichloropropene, Total	542-75-6			ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		ND		ND		ND		ND		ND		ND	
1,4-Dioxane	123-91-1	13	0.1	ND		ND		ND		ND		ND		ND		ND	
2,2-Dichloropropane	594-20-7			ND		ND		ND		ND		ND		ND		ND	
2-Butanone	78-93-3	100	0.12	ND	0.0033 J	ND		ND		ND		0.0046 J	ND	ND		ND	
2-Hexanone	591-78-6			ND		ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone	108-10-1			ND		ND		ND		ND		ND		ND		ND	
Acetone	67-64-1	100	0.05	ND	0.025	0.0059 J	ND	0.0061 J	0.0076 J	ND		0.042	ND	ND		ND	
Acrylonitrile	107-13-1			ND		ND		ND		ND		ND		ND		ND	
Benzene	71-43-2	4.8	0.06	ND		ND		ND		ND		ND		ND		0.00044 J	ND
Bromobenzene	108-86-1			ND		ND		ND		ND		ND		ND		ND	
Bromochloromethane	74-97-5			ND		ND		ND		ND		ND		ND		ND	
Bromodichloromethane	75-27-4			ND		ND		ND		ND		ND		ND		ND	
Bromoform	75-25-2			ND		ND		ND		ND		ND		ND		ND	
Bromomethane	74-83-9			ND		ND		ND		ND		ND		ND		ND	
Carbon disulfide	75-15-0			ND		ND		ND		ND		ND		ND		ND	
Carbon tetrachloride	56-23-5	2.4	0.76	ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	108-90-7	100	1.1	ND		ND		ND		ND		ND		ND		ND	
Chloroethane	75-00-3			ND		ND		ND		ND		ND		ND		ND	
Chloroform	67-66-3	49	0.37	ND		ND		ND		ND		ND		ND		ND	
Chloromethane	74-87-3			ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		ND		ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	10061-01-5			ND		ND		ND		ND		ND		ND		ND	
Dibromochloromethane	124-48-1			ND		ND		ND		ND		ND		ND		ND	
Dibromomethane	74-95-3			ND		ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	75-71-8			ND		ND		ND		ND		ND		ND		ND	
Ethyl ether	60-29-7			ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	100-41-4	41	1	ND		ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	87-68-3			ND		ND		ND		ND		ND		ND		ND	
Isopropylbenzene	98-82-8			ND		ND		ND		ND		ND		ND		ND	
Methyl tert butyl ether	1634-04-4	100	0.93	ND		ND		ND		ND		ND		ND		ND	
Methylene chloride	75-09-2	100	0.05	ND		ND		ND		ND		ND		ND		ND	
n-Butylbenzene	104-51-8	100	12	ND		ND		ND		ND		ND		ND		ND	
n-Propylbenzene	103-65-1	100	3.9	ND		ND		ND		ND		ND		ND		ND	
Naphthalene	91-20-3	100	12	ND		ND		ND		ND		ND		ND		ND	
o-Chlorotoluene	95-49-8			ND		ND		ND		ND		ND		ND		ND	
o-Xylene	95-47-6			ND		ND		ND		ND		ND		ND		ND	
p-Chlorotoluene	106-43-4			ND		ND		ND		ND		ND		ND		ND	
p-Diethylbenzene	105-05-5			ND		ND		ND		ND		ND		ND		ND	
p-Ethyltoluene	622-96-8			ND		ND		ND		ND		ND		ND		ND	
p-Isopropyltoluene	99-87-6			ND		ND		ND		ND		ND		ND		ND	
p/m-Xylene	179601-23-1			ND		ND		ND		ND		ND		ND		ND	
sec-Butylbenzene	135-98-8	100	11	ND		ND		ND		ND		ND		ND		ND	
Styrene	100-42-5			0.00038 J		0.00047 J	0.00037 J	0.00043 J	0.00038 J	0.0004 J	0.00022 J	ND		ND		ND	
tert-Butylbenzene	98-06-6	100	5.9	ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	127-18-4	19	1.3	ND		ND		ND		ND		0.00028 J	ND	ND		ND	
Toluene	108-88-3	100	0.7	0.0026	0.0032	0.0028	0.0029	0.0026	0.0029	0.0022	0.0016	ND	ND	ND		ND	
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	10061-02-6			ND		ND		ND		ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	110-57-6			ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	79-01-6	21	0.47	ND		ND		ND		ND		ND		ND		ND	
Trichlorofluoromethane	75-69-4			ND		ND		ND		ND		ND		ND		ND	
Vinyl acetate	108-05-4			ND		ND		ND		ND		ND		ND		ND	
Vinyl chloride	75-01-4	0.9	0.02	ND		ND		ND		ND		ND		ND		ND	
Xylenes, Total	1330-20-7	100	0.26	ND		ND		ND		ND		ND		ND		ND	
Total VOCs				0.00298	-	0.0319											

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB24 (4.5-5)	SB24 (13-13.5)	SB25 (.5-1)	SB25 (6-6.5)	SB26 (4-4.5)	SB26 (9.5-10)	SB27 (3-3.5)	SB27 (11-11.5)	SB-1 (0.5-1)	SB-1 (2.5-3)	SB-2 (5.5-6)	SB-2 (0-0.5)	SB-3 (3-3.5)	SB-3 (5-5.5)							
LAB ID:				L2304857-09	L2304857-10	L2304857-11	L2304857-12	L2304857-13	L2304857-14	L2304857-15	L2304857-16	L2315492-01	L2315492-02	L2315492-03	L2315492-04	L2315492-05	L2315492-06							
COLLECTION DATE:				1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	1/27/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023							
SAMPLE DEPTH (FT):				4.5-5.0	13.0-13.5	0.5-1.0	6.0-6.5	4.0-4.5	9.5-10.0	3.0-3.5	11.0-11.5	0.5-1.0	2.5-3.0	5.5-6.0	0.0-0.5	3.0-3.5	5.0-5.5							
ANALYTE	CAS	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q							
Perfluoroundecanoic Acid (PFUnA)	2058-94-8			ND		ND		0.078	J	ND		ND		ND		-								
PFOA/PFOS, Total				0.078	J	ND		1.52		ND		ND		0.11	J	-								
SVOCs (mg/kg)																								
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		ND		ND		ND		ND		ND		ND								
1,2,4-Trichlorobenzene	120-82-1			ND		ND		ND		ND		ND		ND		ND								
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		ND		ND		ND		ND		ND		ND								
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		ND		ND		ND		ND		ND		ND								
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		ND		ND		ND		ND		ND		ND								
1,4-Dioxane	123-91-1	13	0.1	ND		ND		ND		ND		ND		ND		ND								
2,4,5-Trichlorophenol	95-95-4			ND		ND		ND		ND		ND		ND		ND								
2,4,6-Trichlorophenol	88-06-2			ND		ND		ND		ND		ND		ND		ND								
2,4-Dichlorophenol	120-83-2			ND		ND		ND		ND		ND		ND		ND								
2,4-Dimethylphenol	105-67-9			ND		ND		ND		ND		ND		ND		ND								
2,4-Dinitrophenol	51-28-5			ND		ND		ND		ND		ND		ND		ND								
2,4-Dinitrotoluene	121-14-2			ND		ND		ND		ND		ND		ND		ND								
2,6-Dinitrotoluene	606-20-2			ND		ND		ND		ND		ND		ND		ND								
2-Chloronaphthalene	91-58-7			ND		ND		ND		ND		ND		ND		ND								
2-Chlorophenol	95-57-8			ND		ND		ND		ND		ND		ND		ND								
2-Methylnaphthalene	91-57-6			ND		ND		ND		ND		ND		ND		ND								
2-Methylphenol	95-48-7	100	0.33	ND		ND		ND		ND		ND		ND		ND								
2-Nitroaniline	88-74-4			ND		ND		ND		ND		ND		ND		ND								
2-Nitrophenol	88-75-5			ND		ND		ND		ND		ND		ND		ND								
3,3'-Dichlorobenzidine	91-94-1			ND		ND		ND		ND		ND		ND		ND								
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		ND		ND		ND		ND		ND		ND								
3-Nitroaniline	99-09-2			ND		ND		ND		ND		ND		ND		ND								
4,6-Dinitro-o-cresol	534-52-1			ND		ND		ND		ND		ND		ND		ND								
4-Bromophenyl phenyl ether	101-55-3			ND		ND		ND		ND		ND		ND		ND								
4-Chloroaniline	106-47-8			ND		ND		ND		ND		ND		ND		ND								
4-Chlorophenyl phenyl ether	7005-72-3			ND		ND		ND		ND		ND		ND		ND								
4-Nitroaniline	100-01-6			ND		ND		ND		ND		ND		ND		ND								
4-Nitrophenol	100-02-7			ND		ND		ND		ND		ND		ND		ND								
Acenaphthene	83-32-9	100	20	ND		ND		ND	0.021	J	ND	0.027	J	ND		ND								
Acenaphthylene	208-96-8	100	100	ND		ND		ND		ND		ND		ND		ND								
Acetophenone	98-86-2			ND		ND		ND		ND		ND		ND		ND								
Anthracene	120-12-7	100	100	ND		ND		ND	0.068	J	ND	0.059	J	ND		ND								
Benzo(a)anthracene	56-55-3	1	1	0.026	J	ND	0.1	0.042	J	0.29	ND	0.16	ND	0.1	ND	0.11	0.028	J	ND					
Benzo(a)pyrene	50-32-8	1	1	ND		ND	0.14	ND	0.28	ND	0.17	ND	0.13	ND	ND	0.13	J	ND	ND					
Benzo(b)fluoranthene	205-99-2	1	1	0.036	J	ND	0.15	0.048	J	0.28	ND	0.19	ND	0.14	ND	0.16	0.038	J	ND					
Benzo(ghi)perylene	191-24-2	100	100	0.022	J	ND	0.08	J	0.022	J	0.11	J	ND	0.086	J	ND	0.078	J	0.021	J	ND			
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		ND	0.06	J	ND	0.07	J	ND	0.075	J	ND	0.054	J	ND		ND	ND			
Benzoic Acid	65-85-0			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Benzyl Alcohol	100-51-6			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Biphenyl	92-52-4			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Bis(2-chloroethoxy)methane	111-91-1			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Bis(2-chloroethyl)ether	111-44-4			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Bis(2-chloroisopropyl)ether	108-60-1			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Bis(2-ethylhexyl)phthalate	117-81-7			ND		ND	0.1	J	ND		ND	ND		ND		ND		ND		ND	ND			
Butyl benzyl phthalate	85-68-7			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Carbazole	86-74-8			ND		ND		ND		ND		0.02	J	ND		ND		0.02	J	ND	ND			
Chrysene	218-01-9	3.9	1	0.028	J	ND	0.1	0.036	J	0.29	ND	0.15	ND	0.1	ND	ND	0.1	0.029	J	ND	ND			
Di-n-butylphthalate	84-74-2			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Di-n-octylphthalate	117-84-0			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		ND	0.023	J	ND	0.04	J	ND	0.023	J	ND	ND	0.02	J	ND		ND	ND		
Dibenzofuran	132-64-9	59	7	ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Diethyl phthalate	84-66-2			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Dimethyl phthalate	131-11-3			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND			
Fluoranthene	206-44-0	100	100	0.044	J	0.026	J	0.19	0.079	J	0.4	ND	0.32	0.022	J	0.21	ND	0.026	J	0.23	0.064	J	ND	
Fluorene	86-73-7	100	30	ND		ND		ND		ND		0.019	J	ND		ND		ND		ND	ND	ND		
Hexachlorobenzene	118-74-1	1.2	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Hexachlorobutadiene	87-68-3			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Hexachlorocyclopentadiene	77-47-4			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Hexachloroethane	67-72-1			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		ND	0.072	J	ND	0.097	J	ND	0.081	J	ND	0.086	J	ND		0.089	J	ND	ND	
Isophorone	78-59-1			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
n-Nitrosodi-n-propylamine	621-64-7			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Naphthalene	91-20-3	100	12	ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
NDPA/DPA	86-30-6			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Nitrobenzene	98-95-3			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
p-Chloro-m-cresol	59-50-7			ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Pentachlorophenol	87-86-5	6.7	0.8	ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Phenanthrene	85-01-8	100	100	0.022	J	ND	0.073	J	0.044	J	0.29	ND	0.24	ND	0.11	ND	ND	0.14	ND	0.047	J	ND	ND	
Phenol	108-95-2	100	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND	ND	ND		
Pyrene	129-00-0	100	100	0.045	J	0.04	J	0.17	0.068	J	0.66	ND	0.28	0.025	J	0.2	ND	0.024	J	0.2	0.064	J	ND	
Total SVOCs				0.223	-	0.066	-	1.258	-	0.339	-	2.896	-	-	-	1.9	-	0.047	-	1.212	-	-	-	-
Pesticides (mg/kg)																								
4,4-DDD	72-54-8	13	0.0033	ND		ND		ND		ND		ND		ND		0.000674	J	ND		ND		ND		
4,4-DDE	72-55-9	8.9	0.0033	ND		ND		ND		ND		ND		ND		0.000418	J	ND		ND		ND		
4,4-DDT	50-29-3	7.9	0.0033	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Aldrin	309-00-2	0.097	0.005	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Alpha-BHC	319-84-6	0.48	0.02	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Beta-BHC	319-85-7	0.36	0.036	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Chlordane	57-74-9			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
cis-Chlordane	5103-71-9	4.2	0.094	ND		ND	0.0098	J	ND		ND	0.000855	J	ND		ND		0.00178	J	ND		ND		
Delta-BHC	319-86-8	100	0.04	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Dieldrin	60-60-5	0.2	0.005	ND		ND		ND		ND		ND		ND		ND		0.0013		ND		ND		
Endosulfan I	959-98-8	24	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Endosulfan II	33213-85-9	24	2.4	ND																				

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB24 (4.5-5)		SB24 (13-13.5)		SB25 (.5-1)		SB25 (6-6.5)		SB26 (4-4.5)		SB26 (9.5-10)		SB27 (3-3.5)		SB27 (11-11.5)		SB-1 (0.5-1)		SB-1 (2.5-3)		SB-2 (5.5-6)		SB-2 (0-0.5)		SB-3 (3-3.5)		SB-3 (5-5.5)			
LAB ID:				L2304857-09		L2304857-10		L2304857-11		L2304857-12		L2304857-13		L2304857-14		L2304857-15		L2304857-16		L2315492-01		L2315492-02		L2315492-03		L2315492-04		L2315492-05		L2315492-06			
COLLECTION DATE:				1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		1/27/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023			
SAMPLE DEPTH (FT):				4.5-5.0		13.0-13.5		0.5-1.0		6.0-6.5		4.0-4.5		9.5-10.0		3.0-3.5		11.0-11.5		0.5-1.0		2.5-3.0		5.5-6.0		0.0-0.5		3.0-3.5		5.0-5.5			
ANALYTE		CAS		RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q		
Aroclor 1221		11104-28-2		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1232		11141-16-5		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1242		53469-21-9		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1248		12672-29-6		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1254		11097-69-1		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1260		11096-82-5		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1262		37324-23-5		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Aroclor 1268		11100-14-4		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
PCBs, Total		1336-36-3		1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Metals (mg/kg)																																	
Aluminum, Total		7429-90-5				5430		5440		5950		5040		4680		5000		5850		6890		2300		4810		7530		5400		4510		6950	
Antimony, Total		7440-36-0				0.878	J	0.909	J	0.934	J	0.883	J	0.787	J	0.801	J	0.962	J	1.15	J	ND		0.668	J	0.899	J	0.714	J	0.396	J	0.813	J
Arsenic, Total		7440-38-2		16	13	1.67		1.53		1.86		1.34		1.32		1.64		1.95		3.06		0.727	J	1.14		1.28		1.28		0.896		1.12	
Barium, Total		7440-39-3		400	350	47		47.7		51.1		41.7		37.4		36.6		51.2		50.9		19.9		51		63.6		54.6		43.6		56	
Beryllium, Total		7440-41-7		72	7.2	ND		ND		ND		ND		ND		ND		ND		ND		0.123	J	0.236	J	0.332	J	0.259	J	0.226	J	0.317	J
Cadmium, Total		7440-43-9		4.3	2.5	0.185	J	0.13	J	0.252	J	0.226	J	0.091	J	0.095	J	0.201	J	0.128	J	ND		ND		ND		ND		ND		ND	
Calcium, Total		7440-70-2				14200		24800		17300		17200		12500		12200		13200		39800		2010		11400		3470		4710		2250		4150	
Chromium, Total		7440-47-3		110	30	11		12.6		12.1		11.4		9.32		10.4		12.4		20.6		5.67		26.7		17.1		12.5		12		13.9	
Cobalt, Total		7440-48-4				5.6		5.95		6.63		5.38		4.79		5.3		5.7		6.35		2.12		4.06		5.48		4.44		4.28		5.06	
Copper, Total		7440-50-8		270	50	15.5		14.2		19.6		13.5		12.9		12.6		15.6		26.5		7.58		13.9		21.8		16		12.8		19.8	
Iron, Total		7439-89-6				10700		11600		11000		10600		9460		10300		11700		13200		4900		11200		13300		10900		11200		12200	
Lead, Total		7439-92-1		400	63	12.4		2.75	J	18.2		4.69		8.86		6.73		15.7		8.79		167		2.42	J	19.4		16.1		2.64	J	30.3	
Magnesium, Total		7439-95-4				9520		15000		9790		11000		8870		8650		8860		7660		1400		6170		4170		3830		2220		4420	
Manganese, Total		7439-96-5		2000	1600	160		213		170		137		163		161		163		172		86.2		162		180		164		142		158	
Mercury, Total		7439-97-6		0.81	0.18	ND		ND		0.067	J	ND		ND		ND		ND		ND		ND		ND		0.072		0.178		ND		ND	
Nickel, Total		7440-02-0		310	30	10.2		10.5		10.2		9.35		8.12		9.08		10.1		10		3.73		8.2		11.5		7.98		7.34		10.4	
Potassium, Total		7440-09-7				1890		2040		1990		1950		1630		1540		2040		1850		445		1680		1570		1340		1290		1340	
Selenium, Total		7782-49-2		180	3.9	0.241	J	0.366	J	ND		ND		ND		ND		0.458	J	ND		ND		ND		ND		ND		ND		ND	
Silver, Total		7440-22-4		180	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium, Total		7440-23-5				83	J	129	J	760		84	J	63.9	J	82.6	J	119	J	544		80.2	J	359		227		141	J	140	J	180	
Thallium, Total		7440-28-0				ND		ND		ND		ND		ND		ND		ND		ND		ND		0.38	J	0.268	J	0.296	J	ND		0.329	J
Vanadium, Total		7440-62-2				17.3		17.9		18.2		16.8		14.5		15.4		19.1		29.1		6.7		16.9		22.4		17.2		17.1		20.4	
Zinc, Total		7440-66-6		10000	109	34.3		31.4		44.5		28.2		28.8		29.5		36.9		32.4		13.3		20.2		43.6		32.6		19		28.4	
TCLP Metals (mg/l)																																	
Lead, TCLP		7439-92-1				-		-		-		-		-		-		-		-		1.5		-		-		-		-		-	
Lead, TCLP		7439-92-1																				0.0664	J										
GENERAL CHEMISTRY																																	
Cyanide, Total		57-12-5		27	27	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Solids, Total		NONE				94		80.8		94		85.7		96		92.7		91.4		89		98.4		94		92.9		96.6		93.7		93.8	

Notes
NYSDEC - New York State Department of Environmental Conservation
RRSCO - Restricted Residential Soil Cleanup Objectives
USCO - Unrestricted Soil Cleanup Objectives
Exceedance of the RRSCOs
Exceedance of the USCOs
J = Estimated
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-specified criteria.

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB-4 (6-6.5)	SB-4 (9.5-10)	SB-5 (4.5-5)	SB-5 (7-7.5)	SB-6 (0.5-1)	SB-6 (5-5.5)	SB-7 (1-1.5)	SB-7 (7.5-8)	SB-8 (2-2.5)	SB-8 (7-7.5)	SB-9 (1-1.5)	SB-9 (7.5-8)
LAB ID:				L2315492-07	L2315492-08	L2315492-09	L2315492-10	L2315492-11	L2315492-12	L2315492-13	L2315492-14	L2315724-01	L2315724-02	L2315724-03	L2315724-04
COLLECTION DATE:				3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023
SAMPLE DEPTH (FT):				6.0-6.5	9.5-10.0	4.5-5.0	7.0-7.5	0.5-1.0	5.0-5.5	1.0-1.5	7.5-8.0	2.0-2.5	7.0-7.5	1.0-1.5	7.5-8.0
ANALYTE	CAS	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	630-20-6			ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	71-55-6	100	0.68	ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	79-34-5			ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	79-00-5			ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	75-34-3	26	0.27	ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	75-35-4	100	0.33	ND		ND		ND		ND		ND		ND	
1,1-Dichloropropene	563-58-6			ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	87-61-6			ND		ND		ND		ND		ND		ND	
1,2,3-Trichloropropane	96-18-4			ND		ND		ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	95-93-2			ND		ND		ND		ND		3.2		1.4	
1,2,4-Trichlorobenzene	120-82-1			ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	95-63-6	52	3.6	ND		ND		ND		ND		5.9		2.2	
1,2-Dibromo-3-chloropropane	96-12-8			ND		ND		ND		ND		ND		ND	
1,2-Dibromoethane	106-93-4			ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		ND		ND		ND		ND		ND	
1,2-Dichloroethane	107-06-2	3.1	0.02	ND		ND		ND		ND		ND		ND	
1,2-Dichloroethene, Total	540-59-0			ND		ND		ND		ND		ND		ND	
1,2-Dichloropropane	78-87-5			ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	108-67-8	52	8.4	ND		ND		ND		ND		1.3		0.5	
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		ND		ND		ND		ND		ND	
1,3-Dichloropropane	142-28-9			ND		ND		ND		ND		ND		ND	
1,3-Dichloropropane, Total	542-75-6			ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		ND		ND		ND		ND		ND	
1,4-Dioxane	123-91-1	13	0.1	ND		ND		ND		ND		ND		ND	
2,2-Dichloropropane	594-20-7			ND		ND		ND		ND		ND		ND	
2-Butanone	78-93-3	100	0.12	ND		ND		ND	0.015	ND		ND		ND	
2-Hexanone	591-78-6			ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone	108-10-1			ND		ND		ND		ND		ND		ND	
Acetone	67-64-1	100	0.05	0.012		ND		0.016	ND	0.054		ND	0.33	J	
Acrylonitrile	107-13-1			ND		ND		ND		ND		ND		ND	
Benzene	71-43-2	4.8	0.06	ND		ND		ND	0.00085	ND		ND		ND	
Bromobenzene	108-86-1			ND		ND		ND		ND		ND		ND	
Bromochloromethane	74-97-5			ND		ND		ND		ND		ND		ND	
Bromodichloromethane	75-27-4			ND		ND		ND		ND		ND		ND	
Bromoform	75-25-2			ND		ND		ND		ND		ND		ND	
Bromomethane	74-83-9			ND		ND		ND		ND		ND		ND	
Carbon disulfide	75-15-0			ND		ND		ND		ND		ND		ND	
Carbon tetrachloride	56-23-5	2.4	0.76	ND		ND		ND		ND		ND		ND	
Chlorobenzene	108-90-7	100	1.1	ND		ND		ND		ND		ND		ND	
Chloroethane	75-00-3			ND		ND		ND		ND		ND		ND	
Chloroform	67-66-3	49	0.37	ND		0.003	0.00037	J	ND	ND		ND		ND	
Chloromethane	74-87-3			ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	10061-01-5			ND		ND		ND		ND		ND		ND	
Dibromochloromethane	124-48-1			ND		ND		ND		ND		ND		ND	
Dibromomethane	74-95-3			ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	75-71-8			ND		ND		ND		ND		ND		ND	
Ethyl ether	60-29-7			ND		ND		ND		ND		ND		ND	
Ethylbenzene	100-41-4	41	1	ND		ND		ND		ND		0.086	0.022	J	
Hexachlorobutadiene	87-68-3			ND		ND		ND		ND		ND		ND	
Isopropylbenzene	98-82-8			ND		ND		ND		ND		0.29	0.078	ND	
Methyl tert butyl ether	1634-04-4	100	0.93	ND		ND		ND		ND		ND		ND	
Methylene chloride	75-09-2	100	0.05	ND		ND		ND		ND		ND		ND	
n-Butylbenzene	104-51-8	100	12	ND		ND		ND		ND		1.5	0.54	ND	
n-Propylbenzene	103-65-1	100	3.9	ND		ND		ND		ND		0.66	0.18	ND	
Naphthalene	91-20-3	100	12	ND		ND		ND		ND		3.3	1.5	ND	
o-Chlorotoluene	95-49-8			ND		ND		ND		ND		ND		ND	
o-Xylene	95-47-6			ND		ND		ND		ND		0.034	J	ND	
p-Chlorotoluene	106-43-4			ND		ND		ND		ND		ND		ND	
p-Diethylbenzene	105-05-5			ND		ND		ND		ND		5.4	2.3	ND	
p-Ethyltoluene	622-96-8			ND		ND		ND		ND		2.6	0.7	ND	
p-Isopropyltoluene	99-87-6			ND		ND		ND		ND		0.68	0.28	ND	
p/m-Xylene	179601-23-1			ND		ND		ND		ND		0.3	0.072	J	
sec-Butylbenzene	135-98-8	100	11	ND		ND		ND		ND		0.83	0.3	ND	
Styrene	100-42-5			ND		ND		ND		ND		ND	0.014	J	
tert-Butylbenzene	98-06-6	100	5.9	ND		ND		ND		ND		0.057	J	ND	
Tetrachloroethene	127-18-4	19	1.3	ND		ND		ND		ND		ND		ND	
Toluene	108-88-3	100	0.7	ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	10061-02-6			ND		ND		ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	110-57-6			ND		ND		ND		ND		ND		ND	
Trichloroethene	79-01-6	21	0.47	ND		ND		ND		ND		ND		ND	
Trichlorofluoromethane	75-69-4			ND		ND		ND		ND		ND		ND	
Vinyl acetate	108-05-4			ND		ND		ND		ND		ND		ND	
Vinyl chloride	75-01-4	0.9	0.02	ND		ND		ND		ND		ND		ND	
Xylenes, Total	1330-20-7	100	0.26	ND		ND		ND		ND		0.33	J	0.072	J
Total VOCs				0.012	-	-	-	0.003	-	0.01637	-	-	-	-	-
PFAS (ug/kg)															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4			-		-		ND	-	-		-		-	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2			-		-		ND	-	-		-		-	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEFOSAA)	2991-50-6			-		-		ND	-	-		-		-	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMFOSAA)	2355-31-9			-		-		ND	-	-		-		-	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5			-		-		ND	-	-		-		-	
Perfluorobutanoic Acid (PFBA)	375-22-4			-		-		ND	-	-		-		-	
Perfluorodecanesulfonic Acid (PFDS)	335-77-3			-		-		ND	-	-		-		-	
Perfluorodecanoic Acid (PFDA)	335-76-2			-		-		ND	-	-		-		-	
Perfluorododecanoic Acid (PFDDA)	307-55-1			-		-		ND	-	-		-		-	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8			-		-		ND	-	-		-		-	
Perfluoroheptanoic Acid (PFHpA)	375-85-9			-		-		ND	-	-		-		-	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4			-		-		ND	-	-		-		-	
Perfluorohexanoic Acid (PFHxA)	307-24-4			-		-		ND	-	-		-		-	
Perfluorononanoic Acid (PFNA)	375-95-1			-		-		ND	-	-		-		-	
Perfluorooctanesulfonamide (PFOSA)	754-91-6			-		-		ND	-	-		-		-	
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	44	0.88	-		-	0.078	J	-	-		-		-	
Perfluorooctanoic Acid (PFOA)	335-67-1	33	0.66	-		-		ND	-	-		-		-	
Perfluoropentanoic Acid (PFPeA)	2706-90-3			-		-		ND	-	-		-		-	
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7			-		-		ND	-	-		-		-	
Perfluorotridecanoic Acid (PFTriDA)	72629-94-8			-		-		ND	-	-		-		-	

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:					SB-4 (6-6.5)	SB-4 (9.5-10)	SB-5 (4.5-5)	SB-5 (7.7-5)	SB-6 (0.5-1)	SB-6 (5-5.5)	SB-7 (1.1-5)	SB-7 (7.5-8)	SB-8 (2-2.5)	SB-8 (7.7-5)	SB-9 (1.1-5)	SB-9 (7.5-8)								
LAB ID:					L2315492-07	L2315492-08	L2315492-09	L2315492-10	L2315492-11	L2315492-12	L2315492-13	L2315492-14	L2315724-01	L2315724-02	L2315724-03	L2315724-04								
COLLECTION DATE:					3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/23/2023	3/24/2023	3/24/2023	3/24/2023	3/24/2023								
SAMPLE DEPTH (FT):					6.6-6.5	9.5-10.0	4.5-5.0	7.0-7.5	0.5-1.0	5.0-5.5	1.0-1.5	7.5-8.0	2.0-2.5	7.0-7.5	1.0-1.5	7.5-8.0								
ANALYTE					CAS	RRSCD	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q							
Perfluoroundecanoic Acid (PFUnA)					2058-94-8			-	-	ND		-	-	ND	-	-	-							
PFOA/PFOS, Total								-	0.078	J		-	-	ND	-	-	-							
SVOCs (mg/kg)																								
1,2,4,5-Tetrachlorobenzene					95-94-3			ND	ND	ND		ND	ND	ND	ND	ND	ND							
1,2,4-Trichlorobenzene					120-82-1			ND	ND	ND		ND	ND	ND	ND	ND	ND							
1,2-Dichlorobenzene					95-50-1	100	1.1	ND	ND	ND		ND	ND	ND	ND	ND	ND							
1,3-Dichlorobenzene					541-73-1	49	2.4	ND	ND	ND		ND	ND	ND	ND	ND	ND							
1,4-Dichlorobenzene					106-46-7	13	1.8	ND	ND	ND		ND	ND	ND	ND	ND	ND							
1,4-Dioxane					123-91-1	13	0.1	ND	ND	ND		ND	ND	ND	ND	ND	ND							
2,4,5-Trichlorophenol					95-95-4			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2,4,6-Trichlorophenol					88-06-2			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2,4-Dichlorophenol					120-83-2			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2,4-Dimethylphenol					105-67-9			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2,4-Dinitrophenol					51-28-5			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2,4-Dinitrotoluene					121-14-2			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2,6-Dinitrotoluene					606-20-2			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2-Chloronaphthalene					91-58-7			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2-Chlorophenol					95-57-8			ND	ND	ND		ND	ND	ND	ND	ND	ND							
2-Methylnaphthalene					91-57-6			ND	ND	ND	0.7	ND	ND	ND	54	6.6	ND	ND						
2-Methylphenol					95-48-7	100	0.33	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
2-Nitroaniline					88-74-4			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
2-Nitrophenol					88-75-5			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
3,3'-Dichlorobenzidine					91-94-1			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
3-Methylphenol/4-Methylphenol					108-39-4/106-44-5	100	0.33	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
3-Nitroaniline					99-09-2			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
4,6-Dinitro-o-cresol					534-52-1			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
4-Bromophenyl phenyl ether					101-55-3			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
4-Chloroaniline					106-47-8			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
4-Chlorophenyl phenyl ether					7005-72-3			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
4-Nitroaniline					100-01-6			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
4-Nitrophenol					100-02-7			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
Acenaphthene					83-32-9	100	20	ND	ND	ND		ND	ND	ND	1.7	ND	ND	ND						
Acenaphthylene					208-96-8	100	100	ND	ND	0.092	J	0.044	J	0.048	J	ND	ND	ND						
Acetophenone					98-86-2			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND						
Anthracene					120-12-7	100	100	ND	ND	0.054	J	ND	ND	ND	0.83	J	0.17	ND	ND					
Benzo(a)anthracene					56-55-3	1	1	ND	ND	0.17		0.048	J	0.1	J	ND	ND	0.036	J	ND	ND			
Benzo(a)pyrene					50-32-8	1	1	ND	ND	0.25		0.066	J	0.1	J	ND	ND	ND	ND	ND	ND			
Benzo(b)fluoranthene					205-99-2	1	1	ND	ND	0.29		0.082	J	0.11	ND	ND	ND	0.042	J	ND	ND			
Benzo(ghi)perylene					191-24-2	100	100	ND	ND	0.14	J	0.051	J	0.064	J	ND	ND	ND	ND	ND	ND			
Benzo(k)fluoranthene					207-08-9	3.9	0.8	ND	ND	0.097	J	0.029	J	0.039	J	ND	ND	ND	ND	ND	ND			
Benzoic Acid					65-85-0			ND	ND	ND		ND	ND	ND	ND	ND	1	ND	ND	ND	ND			
Benzyl Alcohol					100-51-6			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Biphenyl					92-52-4			ND	ND	ND	0.051	J	ND	ND	ND	ND	3.8	J	0.57	ND	ND	ND		
Bis(2-chloroethoxy)methane					111-91-1			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Bis(2-chloroethyl)ether					111-44-4			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Bis(2-chloroisopropyl)ether					108-60-1			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Bis(2-ethylhexyl)phthalate					117-81-7			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Butyl benzyl phthalate					85-68-7			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Carbazole					86-74-8			ND	ND	0.02	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chrysene					218-01-9	3.9	1	ND	ND	0.2		0.067	J	0.097	J	ND	ND	ND	0.034	J	ND	ND		
Di-n-butylphthalate					84-74-2			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Di-n-octylphthalate					117-84-0			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dibenzo(a,h)anthracene					53-70-3	0.33	0.33	ND	ND	0.034	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dibenzofuran					132-64-9	59	7	ND	ND	ND		0.031	J	ND	ND	ND	ND	2	ND	ND	ND	ND		
Diethyl phthalate					84-66-2			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dimethyl phthalate					131-11-3			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Fluoranthene					206-44-0	100	100	ND	ND	0.34		0.11		0.14	ND	ND	ND	0.087	J	0.024	J	ND	ND	
Fluorene					86-73-7	100	30	ND	ND	ND		0.032	J	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND	
Hexachlorobenzene					118-74-1	1.2	0.33	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene					87-68-3			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorocyclopentadiene					77-47-4			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachloroethane					67-72-1			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Indeno(1,2,3-cd)pyrene					193-39-5	0.5	0.5	ND	ND	0.16		0.052	J	0.074	J	ND	ND	ND	ND	ND	ND	ND		
Isophorone					78-59-1			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Nitrosodi-n-propylamine					621-64-7			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Naphthalene					91-20-3	100	12	ND	ND	ND	0.26	ND	ND	ND	ND	ND	5.2	0.43	ND	ND	ND	ND	ND	
NDPA/DPA					86-30-6			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Nitrobenzene					98-95-3			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
p-Chloro-m-cresol					59-50-7			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pentachlorophenol					87-86-5	6.7	0.8	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene					85-01-8	100	100	ND	ND	0.14		0.1	J	0.06	J	ND	ND	8.8	1.6	ND	ND	ND	ND	
Phenol					108-95-2	100	0.33	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pyrene					129-00-0	100	100	ND	ND	0.34		0.1	J	0.19	ND	ND	ND	0.22	J	0.084	J	0.02	J	ND
Total SVOCs								-	-	-	-	2.327	-	1.823	-	1.022	-	-	-	-	-	-	-	-
Pesticides (mg/kg)																								
4,4'-DDD					72-54-8	13	0.0033	ND	ND	0.00581		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDE					72-55-9	8.9	0.0033	ND	ND	0.000774	JIP	0.00514	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDT					50-29-3	7.9	0.0033	ND	ND	0.00204		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aldrin					309-00-2	0.097	0.005	ND	ND	0.00207		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Alpha-BHC					319-84-6	0.48	0.02	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Beta-BHC					319-85-7	0.36	0.036	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlordane					57-74-9			ND	ND	0.052		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
cis-Chlordane					5103-71-9	4.2	0.094	ND	ND	0.00984		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Delta-BHC					319-86-8	100	0.04	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dieldrin					60-57-1	0.2	0.005	ND	ND	0.0242		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan I					959-98-8	24	2.4	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan II					33213-65-9	24	2.4	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan sulfate					1031-07-8	24	2.4	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin					72-20-8	11	0.014	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin aldehyde					7421-93-4			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin ketone					53494-70-5			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor					76-44-8	2.1	0.042	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor epoxide					1024-57-3			ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Lindane					58-89-9	1.3	0.1	ND	ND	ND		ND	ND	ND	ND	ND								

Table 3.1 - Summary of Soil Sample Results

SAMPLE ID:				SB-4 (6-6.5)		SB-4 (9.5-10)		SB-5 (4.5-5)		SB-5 (7-7.5)		SB-6 (0.5-1)		SB-6 (5-5.5)		SB-7 (1-1.5)		SB-7 (7.5-8)		SB-8 (2-2.5)		SB-8 (7-7.5)		SB-9 (1-1.5)		SB-9 (7.5-8)	
LAB ID:				L2315492-07		L2315492-08		L2315492-09		L2315492-10		L2315492-11		L2315492-12		L2315492-13		L2315492-14		L2315724-01		L2315724-02		L2315724-03		L2315724-04	
COLLECTION DATE:				3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/24/2023		3/24/2023		3/24/2023		3/24/2023	
SAMPLE DEPTH (FT):				6.0-6.5		9.5-10.0		4.5-5.0		7.0-7.5		0.5-1.0		5.0-5.5		1.0-1.5		7.5-8.0		2.0-2.5		7.0-7.5		1.0-1.5		7.5-8.0	
ANALYTE	CAS	RRSCO	USCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Aroclor 1221	11104-28-2	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1232	11141-16-5	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1242	53469-21-9	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1248	12672-29-6	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1254	11097-69-1	1	0.1	ND		ND		ND		0.0139	J	ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1260	11096-82-5	1	0.1	ND		ND		ND		0.00665	J	ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1262	37324-23-5	1	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1268	11100-14-4	1	0.1	ND		ND		ND		0.00442	J	ND		ND		ND		ND		ND		ND		ND		ND	
PCBs, Total	1336-36-3	1	0.1	ND		ND		ND		0.025	J	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																											
Aluminum, Total	7429-90-5			27400		2060		9810		8590		7750		11400		4690		3450		3350		2800		6060		6120	
Antimony, Total	7440-36-0			1.96	J	ND		1.38	J	0.99	J	0.79	J	0.948	J	0.515	J	0.516	J	ND		0.362	J	0.571	J	0.72	J
Arsenic, Total	7440-38-2	16	13	3.36		1.37		5.04		1.8		1.54		2.77		0.975		0.758	J	0.71	J	0.982		1.12		1.41	
Barium, Total	7440-39-3	400	350	299		14.8		167		107		81		74		34.6		46.1		44		37.5		60.4		49.7	
Beryllium, Total	7440-41-7	72	7.2	0.739		0.107	J	0.406	J	0.369	J	0.357	J	0.43	J	0.238	J	0.176	J	0.148	J	0.145	J	ND		ND	
Cadmium, Total	7440-43-9	4.3	2.5	ND		ND		0.227	J	ND		ND		ND		ND		ND		ND		ND		0.184	J	0.197	J
Calcium, Total	7440-70-2			9790		8760		9880		20900		17600		2410		1670		8480		12000		13000		7190		28400	
Chromium, Total	7440-47-3	110	30	25.4		13.9		19.6		20.5		19		21.2		11.8		19.6		9.1		24.4		14.6		25	
Cobalt, Total	7440-48-4			13.6		1.78		5.71		5.45		5.98		5.89		4.01		2.47		3.52		5.78		5.41		5.42	
Copper, Total	7440-50-8	270	50	8.78		5.91		72.7		23.4		45.1		15.2		12.1		7.2		10.5		12.7		17.7		47.5	
Iron, Total	7439-89-6			16600		5130		15100		14300		14200		15300		11200		7080		8780		18900		12600		17000	
Lead, Total	7439-92-1	400	63	4.62		3.28	J	333		37.4		10.8		25.9		1.61	J	2.93	J	1.4	J	2.26	J	23.3		11.9	
Magnesium, Total	7439-95-4			5720		1300		5460		9280		9060		4690		2540		3220		6130		5460		4420		4820	
Manganese, Total	7439-96-5	2000	1600	261		71.5		168		186		175		219		190		95.7		94.5		94.2		207		167	
Mercury, Total	7439-97-6	0.81	0.18	ND		ND		0.404		ND		0.11		0.067	J	ND		ND		ND		ND		0.059	J	ND	
Nickel, Total	7440-02-0	310	30	33.9		3.64		13.8		12.9		12.2		11.7		7.91		3.9		6.29		9.26		10.6		12.9	
Potassium, Total	7440-09-7			884		530		1490		3180		2990		1330		1230		1620		1180		864		1510		1550	
Selenium, Total	7782-49-2	180	3.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Silver, Total	7440-22-4	180	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium, Total	7440-23-5			1520		541		268		310		331		308		138	J	285		194		189		253		793	
Thallium, Total	7440-28-0			0.432	J	ND		ND		0.503	J	0.634	J	ND		0.339	J	0.402	J	ND		ND		0.788	J	0.639	J
Vanadium, Total	7440-62-2			39.3		6.02		27.9		25.3		25.6		30.8		16.5		12		12.8		33		21.6		26	
Zinc, Total	7440-66-6	10000	109	40.8		11.8		372		62.6		44.2		41.9		18.3		13.9		13.3		13.7		42.3		30	
TCLP Metals (mg/l)																											
Lead, TCLP	7439-92-1			-		-		0.461	J	-		-		-		-		-		-		-		-		-	
Lead, TCLP	7439-92-1							0.926																			
GENERAL CHEMISTRY																											
Cyanide, Total	57-12-5	27	27	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Solids, Total	NONE			89.5		97		85.4		90.9		90.2		74.1		93.8		98.7		94.5		93.1		92.8		94.2	

Notes
NYSDEC - New York State Department of Environmental Conservation
RRSCO - Restricted Residential Soil Cleanup Objectives
USCO - Unrestricted Soil Cleanup Objectives
Exceedance of the RRSCOs
Exceedance of the USCOs
J = Estimated
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-specified criteria.

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (4.5-5)	SB3 (4.5-5)	SB3 (4.5-5)	SB3 (9-9.5)
Lab Sample ID:							JD58458-13	JD58458-13A	JD58458-13B	JD58458-14
Location:										
Date Sampled:							1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:49 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005		ND		
alpha-BHC	319-84-6	mg/kg			0.48	0.02		ND		
beta-BHC	319-85-7	mg/kg			0.36	0.036		ND		
delta-BHC	319-86-8	mg/kg			100	0.04		ND		
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1		ND		
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094		ND		
gamma-Chlordane	5103-74-2	mg/kg						ND		
Dieldrin	60-57-1	mg/kg			0.2	0.005		ND		
4,4'-DDD	72-54-8	mg/kg			13	0.0033		ND		
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033		ND		
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033		ND		
Endrin	72-20-8	mg/kg			11	0.014		ND		
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4		ND		
Endrin aldehyde	7421-93-4	mg/kg						ND		
Endrin ketone	53494-70-5	mg/kg						ND		
Endosulfan-I	959-98-8	mg/kg			24	2.4		ND ^a		
Endosulfan-II	33213-65-9	mg/kg			24	2.4		ND		
Heptachlor	76-44-8	mg/kg			2.1	0.042		ND		
Heptachlor epoxide	1024-57-3	mg/kg						ND		
Methoxychlor	72-43-5	mg/kg						ND		
Toxaphene	8001-35-2	mg/kg						ND		
Tetrachloro-m-xylene	877-09-8	%						89 ^e		
Tetrachloro-m-xylene (1)	877-09-8	%						81 ^e		
Decachlorobiphenyl	2051-24-3	%						89 ^d		
Decachlorobiphenyl (1)	2051-24-3	%						95 ^d		
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1	ND			ND
Aroclor 1221	11104-28-2	mg/kg			1	0.1	ND			ND
Aroclor 1232	11141-16-5	mg/kg			1	0.1	ND			ND
Aroclor 1242	53469-21-9	mg/kg			1	0.1	ND			ND
Aroclor 1248	12672-29-6	mg/kg			1	0.1	ND			ND
Aroclor 1254	11097-69-1	mg/kg			1	0.1	ND			ND
Aroclor 1260	11096-82-5	mg/kg			1	0.1	ND			ND
Aroclor 1268	11100-14-4	mg/kg			1	0.1	ND			ND
Aroclor 1262	37324-23-5	mg/kg			1	0.1	ND			ND
Tetrachloro-m-xylene	877-09-8	%					97			78
Tetrachloro-m-xylene (1)	877-09-8	%					97			78
Decachlorobiphenyl	2051-24-3	%					90			77

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (4.5-5)	SB3 (4.5-5)	SB3 (4.5-5)	SB3 (9-9.5)
Lab Sample ID:							JD58458-13	JD58458-13A	JD58458-13B	JD58458-14
Location:										
Date Sampled:							1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:49 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%					97			88
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%					96.2			91.6
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27	<0.26			<0.25
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg					5770			5420
Antimony	7440-36-0	mg/kg					<2.1			<2.3
Arsenic	7440-38-2	mg/kg			16	13	<2.1			<2.3
Barium	7440-39-3	mg/kg			400	350	38.7			33.8
Beryllium	7440-41-7	mg/kg			72	7.2	0.3			0.26
Cadmium	7440-43-9	mg/kg			4.3	2.5	4.9			<0.57
Calcium	7440-70-2	mg/kg					17200			6880
Chromium	7440-47-3	mg/kg					11.5			9.9
Cobalt	7440-48-4	mg/kg					<5.3			<5.7
Copper	7440-50-8	mg/kg			270	50	12.1			10.8
Iron	7439-89-6	mg/kg					10300			9870
Lead	7439-92-1	mg/kg			400	63	10.2			7.8
Magnesium	7439-95-4	mg/kg					11200			5880
Manganese	7439-96-5	mg/kg			2000	1600	176			179
Nickel	7440-02-0	mg/kg			310	30	9			8.3
Potassium	7440-09-7	mg/kg					1740			1310
Selenium	7782-49-2	mg/kg			180	3.9	<2.1			<2.3
Silver	7440-22-4	mg/kg			180	2	<0.53			<0.57
Sodium	7440-23-5	mg/kg					<1100			<1100
Thallium	7440-28-0	mg/kg					<1.1			<1.1
Vanadium	7440-62-2	mg/kg					14.9			12.9
Zinc	7440-66-6	mg/kg			10000	109	29.9			29.5
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18	<0.030			<0.035
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg							ND	
Perfluoropentanoic acid	2706-90-3	mg/kg							ND	
Perfluorohexanoic acid	307-24-4	mg/kg							ND	
Perfluoroheptanoic acid	375-85-9	mg/kg							ND	
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066			ND	
Perfluorononanoic acid	375-95-1	mg/kg							ND	
Perfluorodecanoic acid	335-76-2	mg/kg							ND	
Perfluoroundecanoic acid	2058-94-8	mg/kg							ND	
Perfluorododecanoic acid	307-55-1	mg/kg							ND	
Perfluorotridecanoic acid	72629-94-8	mg/kg							ND	
Perfluorotetradecanoic acid	376-06-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

[illegible]

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (4.5-5)	SB3 (4.5-5)	SB3 (4.5-5)	SB3 (9-9.5)
Lab Sample ID:							JD58458-13	JD58458-13A	JD58458-13B	JD58458-14
Location:										
Date Sampled:							1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:49 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%							86 ^f	
13C8-FOSA	13C8-FOSA	%							86 ^f	
d3-MeFOSA	D3-NMEFOSA	%							64 ^f	
d5-EtFOSA	D5-NETFOSA	%							61 ^f	
d3-MeFOSAA	D3-NMEFOSAA	%							82 ^f	
d5-EtFOSAA	D5-NETFOSAA	%							81 ^f	
d7-MeFOSE	D7-NMEFOSE	%							77 ^f	
d9-EtFOSE	D9-NETFOS	%							80 ^f	
13C2-4:2FTS	13C2-4:2FTS	%							140 ^f	
13C2-6:2FTS	13C2-6:2FTS	%							120 ^f	
13C2-8:2FTS	13C2-8:2FTS	%							110 ^f	
13C3-HFPO-DA	13C3-HFPO-DA	%							88 ^f	
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg					ND			ND
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND			ND
2,4-Dichlorophenol	120-83-2	mg/kg					ND			ND
2,4-Dimethylphenol	105-67-9	mg/kg					ND			ND
2,4-Dinitrophenol	51-28-5	mg/kg					ND ^a			ND ^a
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND ^a			ND ^a
2-Methylphenol	95-48-7	mg/kg			100	0.33	ND			ND
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND			ND
2-Nitrophenol	88-75-5	mg/kg					ND ^a			ND ^a
4-Nitrophenol	100-02-7	mg/kg					ND			ND
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8	ND			ND
Phenol	108-95-2	mg/kg			100	0.33	ND			ND
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND ^a			ND ^a
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND ^a			ND ^a
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND ^a			ND ^a
Acenaphthene	83-32-9	mg/kg			100	20	ND			ND
Acenaphthylene	208-96-8	mg/kg			100	100	ND			ND
Acetophenone	98-86-2	mg/kg					ND			ND
Anthracene	120-12-7	mg/kg			100	100	ND			ND
Atrazine	1912-24-9	mg/kg					ND ^a			ND ^a
Benzo(a)anthracene	56-55-3	mg/kg			1	1	0.0205 J			0.0223 J
Benzo(a)pyrene	50-32-8	mg/kg			1	1	0.0191 J ^b			0.0261 J ^b
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1	0.0232 J			0.0261 J
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100	ND ^a			0.0183 J ^b
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8	ND			ND
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND			ND
Butyl benzyl phthalate	85-68-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (4.5-5)	SB3 (4.5-5)	SB3 (4.5-5)	SB3 (9-9.5)
Lab Sample ID:							JD58458-13	JD58458-13A	JD58458-13B	JD58458-14
Location:										
Date Sampled:							1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:49 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg					ND			ND
Benzaldehyde	100-52-7	mg/kg					ND			ND
2-Chloronaphthalene	91-58-7	mg/kg					ND			ND
4-Chloroaniline	106-47-8	mg/kg					ND			ND
Carbazole	86-74-8	mg/kg					ND			ND
Caprolactam	105-60-2	mg/kg					ND			ND
Chrysene	218-01-9	mg/kg			3.9	1	0.0172 J			0.0208 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND			ND
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND			ND
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND			ND
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND			ND
2,4-Dinitrotoluene	121-14-2	mg/kg					ND ^a			ND ^a
2,6-Dinitrotoluene	606-20-2	mg/kg					ND ^a			ND ^a
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND			ND
1,4-Dioxane	123-91-1	mg/kg			13	0.1	ND			ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33	ND ^a			ND ^a
Dibenzofuran	132-64-9	mg/kg			59	7	ND			ND
Di-n-butyl phthalate	84-74-2	mg/kg					ND			ND
Di-n-octyl phthalate	117-84-0	mg/kg					ND			ND
Diethyl phthalate	84-66-2	mg/kg					ND			ND
Dimethyl phthalate	131-11-3	mg/kg					ND			ND
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					ND			ND
Fluoranthene	206-44-0	mg/kg			100	100	0.0331 J			0.0244 J
Fluorene	86-73-7	mg/kg			100	30	ND			ND
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33	ND			ND
Hexachlorobutadiene	87-68-3	mg/kg					ND			ND
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND			ND
Hexachloroethane	67-72-1	mg/kg					ND			ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5	0.0312 J			0.0344 J
Isophorone	78-59-1	mg/kg					ND			ND
2-Methylnaphthalene	91-57-6	mg/kg					ND			ND
2-Nitroaniline	88-74-4	mg/kg					ND			ND
3-Nitroaniline	99-09-2	mg/kg					ND			ND
4-Nitroaniline	100-01-6	mg/kg					ND			ND
Naphthalene	91-20-3	mg/kg			100	12	ND			ND
Nitrobenzene	98-95-3	mg/kg			15		ND			ND
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND			ND
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND			ND
Phenanthrene	85-01-8	mg/kg			100	100	0.0172 J			ND
Pyrene	129-00-0	mg/kg			100	100	0.027 J			0.0339 J
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND			ND
2-Fluorophenol	367-12-4	%					35			44

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (4.5-5)	SB3 (4.5-5)	SB3 (4.5-5)	SB3 (9-9.5)
Lab Sample ID:							JD58458-13	JD58458-13A	JD58458-13B	JD58458-14
Location:										
Date Sampled:							1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:49 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%					36			46
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%					53			62
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%					38			48
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%					41			52
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%					49			60
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05	ND			ND
Benzene	71-43-2	mg/kg			4.8	0.06	ND			ND
Bromochloromethane	74-97-5	mg/kg					ND			ND
Bromodichloromethane	75-27-4	mg/kg					ND			ND
Bromoform	75-25-2	mg/kg					ND			ND
Bromomethane	74-83-9	mg/kg					ND			ND
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12	ND			ND
Carbon disulfide	75-15-0	mg/kg					ND			ND
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76	ND			ND
Chlorobenzene	108-90-7	mg/kg			100	1.1	ND			ND
Chloroethane	75-00-3	mg/kg					ND			ND
Chloroform	67-66-3	mg/kg			49	0.37	ND			ND
Chloromethane	74-87-3	mg/kg					ND			ND
Cyclohexane	110-82-7	mg/kg					ND			ND
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND			ND
Dibromochloromethane	124-48-1	mg/kg					ND			ND
1,2-Dibromoethane	106-93-4	mg/kg					ND			ND
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1	ND			ND
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4	ND			ND
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8	ND			ND
Dichlorodifluoromethane	75-71-8	mg/kg					ND			ND
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27	ND			ND
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02	ND			ND
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33	ND			ND
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25	ND			ND
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19	ND			ND
1,2-Dichloropropane	78-87-5	mg/kg					ND			ND
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND			ND
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND			ND
Ethylbenzene	100-41-4	mg/kg			41	1	ND			ND
Freon 113	76-13-1	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (4.5-5)	SB3 (4.5-5)	SB3 (4.5-5)	SB3 (9-9.5)
Lab Sample ID:							JD58458-13	JD58458-13A	JD58458-13B	JD58458-14
Location:										
Date Sampled:							1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:49 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg					ND			ND
Isopropylbenzene	98-82-8	mg/kg					ND			ND
Methyl Acetate	79-20-9	mg/kg					ND			ND
Methylcyclohexane	108-87-2	mg/kg					ND			ND
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93	ND			ND
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg					ND			ND
Methylene chloride	75-09-2	mg/kg			100	0.05	ND			ND
Styrene	100-42-5	mg/kg					ND			ND
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND			ND
Tetrachloroethene	127-18-4	mg/kg			19	1.3	ND			0.0015 J
Toluene	108-88-3	mg/kg			100	0.7	ND			ND
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND			ND
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND			ND
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68	ND			ND
1,1,2-Trichloroethane	79-00-5	mg/kg					ND			ND
Trichloroethene	79-01-6	mg/kg			21	0.47	ND			ND
Trichlorofluoromethane	75-69-4	mg/kg					ND			ND
Vinyl chloride	75-01-4	mg/kg			0.9	0.02	ND			ND
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26	ND			ND
o-Xylene	95-47-6	mg/kg			100	0.26	ND			ND
Xylene (total)	1330-20-7	mg/kg			100	0.26	ND			ND
Dibromofluoromethane	1868-53-7	%					98			99
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%					112			110
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%					98			100
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%					98			98
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (4.5-5)	SB3 (4.5-5)	SB3 (4.5-5)	SB3 (9-9.5)
Lab Sample ID:							JD58458-13	JD58458-13A	JD58458-13B	JD58458-14
Location:										
Date Sampled:							1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:40 PM	1/10/2023 12:49 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005	ND			ND
alpha-BHC	319-84-6	mg/kg			0.48	0.02	ND			ND
beta-BHC	319-85-7	mg/kg			0.36	0.036	ND			ND
delta-BHC	319-86-8	mg/kg			100	0.04	ND			ND
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1	ND			ND
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094	ND			ND
gamma-Chlordane	5103-74-2	mg/kg					ND			ND
Dieldrin	60-57-1	mg/kg			0.2	0.005	ND			ND
4,4'-DDD	72-54-8	mg/kg			13	0.0033	0.0011 J			ND
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033	ND			ND
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033	ND			ND
Endrin	72-20-8	mg/kg			11	0.014	ND			ND
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4	ND			ND
Endrin aldehyde	7421-93-4	mg/kg					ND			ND
Endrin ketone	53494-70-5	mg/kg					ND			ND
Endosulfan-I	959-98-8	mg/kg			24	2.4	ND			ND
Endosulfan-II	33213-65-9	mg/kg			24	2.4	ND			ND
Heptachlor	76-44-8	mg/kg			2.1	0.042	ND			ND
Heptachlor epoxide	1024-57-3	mg/kg					ND			ND
Methoxychlor	72-43-5	mg/kg					ND			ND
Toxaphene	8001-35-2	mg/kg					ND			ND
Tetrachloro-m-xylene	877-09-8	%					84 ^e			84 ^e
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%					95 ^d			93 ^d
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1			ND	
Aroclor 1221	11104-28-2	mg/kg			1	0.1			ND	
Aroclor 1232	11141-16-5	mg/kg			1	0.1			ND	
Aroclor 1242	53469-21-9	mg/kg			1	0.1			ND	
Aroclor 1248	12672-29-6	mg/kg			1	0.1			ND	
Aroclor 1254	11097-69-1	mg/kg			1	0.1			ND	
Aroclor 1260	11096-82-5	mg/kg			1	0.1			ND	
Aroclor 1268	11100-14-4	mg/kg			1	0.1			ND	
Aroclor 1262	37324-23-5	mg/kg			1	0.1			ND	
Tetrachloro-m-xylene	877-09-8	%							87	
Tetrachloro-m-xylene (1)	877-09-8	%							84	
Decachlorobiphenyl	2051-24-3	%							97	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%							94	
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%							89.9	
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27			<0.24	
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg							5590	
Antimony	7440-36-0	mg/kg							<2.1	
Arsenic	7440-38-2	mg/kg			16	13			<2.1	
Barium	7440-39-3	mg/kg			400	350			39.2	
Beryllium	7440-41-7	mg/kg			72	7.2			0.32	
Cadmium	7440-43-9	mg/kg			4.3	2.5			<0.53	
Calcium	7440-70-2	mg/kg							19800	
Chromium	7440-47-3	mg/kg							11	
Cobalt	7440-48-4	mg/kg							<5.3	
Copper	7440-50-8	mg/kg			270	50			11.6	
Iron	7439-89-6	mg/kg							10900	
Lead	7439-92-1	mg/kg			400	63			6.6	
Magnesium	7439-95-4	mg/kg							11500	
Manganese	7439-96-5	mg/kg			2000	1600			149	
Nickel	7440-02-0	mg/kg			310	30			9.6	
Potassium	7440-09-7	mg/kg							1750	
Selenium	7782-49-2	mg/kg			180	3.9			<2.1	
Silver	7440-22-4	mg/kg			180	2			<0.53	
Sodium	7440-23-5	mg/kg							<1100	
Thallium	7440-28-0	mg/kg							<1.1	
Vanadium	7440-62-2	mg/kg							14.8	
Zinc	7440-66-6	mg/kg			10000	109			33.3	
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18			<0.034	
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg						ND		
Perfluoropentanoic acid	2706-90-3	mg/kg						ND		
Perfluorohexanoic acid	307-24-4	mg/kg						ND		
Perfluoroheptanoic acid	375-85-9	mg/kg						ND		
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066		ND		
Perfluorononanoic acid	375-95-1	mg/kg						ND		
Perfluorodecanoic acid	335-76-2	mg/kg						ND		
Perfluoroundecanoic acid	2058-94-8	mg/kg						ND		
Perfluorododecanoic acid	307-55-1	mg/kg						ND		
Perfluorotridecanoic acid	72629-94-8	mg/kg						ND		
Perfluorotetradecanoic acid	376-06-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg						ND		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg						ND		
Perfluorohexanesulfonic acid	355-46-4	mg/kg						ND		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg						ND		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088		ND		
Perfluorononanesulfonic acid	68259-12-1	mg/kg						ND		
Perfluorodecanesulfonic acid	335-77-3	mg/kg						ND		
Perfluorododecanesulfonic acid	79780-39-5	mg/kg						ND		
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg						ND		
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg						ND		
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg						ND		
PFOSA	754-91-6	mg/kg						ND		
MeFOSA	31506-32-8	mg/kg						ND		
EtFOSA	4151-50-2	mg/kg						ND		
MeFOSAA	2355-31-9	mg/kg						ND		
EtFOSAA	2991-50-6	mg/kg						ND		
MeFOSE	24448-09-7	mg/kg						ND		
EtFOSE	1691-99-2	mg/kg						ND		
HFPO-DA (GenX)	13252-13-6	mg/kg						ND		
ADONA	919005-14-4	mg/kg						ND		
PFMPA	377-73-1	mg/kg						ND		
PFMBA	863090-89-5	mg/kg						ND		
NFDHA	151772-58-6	mg/kg						ND		
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg						ND		
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg						ND		
PFEESA	113507-82-7	mg/kg						ND		
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg						ND		
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg						ND		
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg						ND		
13C4-PFBA	13C4-PFBA	%						90 ^f		
13C5-PFPeA	13C5-PFPEA	%						96 ^f		
13C5-PFHxA	13C5-PFHXA	%						95 ^f		
13C4-PFHpA	13C4-PFHPA	%						92 ^f		
13C8-PFOA	13C8-PFOA	%						89 ^f		
13C9-PFNA	13C9-PFNA	%						87 ^f		
13C6-PFDA	13C6-PFDA	%						96 ^f		
13C7-PFUnDA	13C7-PFUNDA	%						98 ^f		
13C2-PFDoDA	13C2-PFDODA	%						75 ^f		
13C2-PFTeDA	13C2-PFTEDA	%						61 ^f		
13C3-PFBS	13C3-PFBS	%						88 ^f		
13C3-PFHxS	13C3-PFHXS	%						96 ^f		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%						85 ^f		
13C8-FOSA	13C8-FOSA	%						83 ^f		
d3-MeFOSA	D3-NMEFOSA	%						65 ^f		
d5-EtFOSA	D5-NETFOSA	%						63 ^f		
d3-MeFOSAA	D3-NMEFOSAA	%						86 ^f		
d5-EtFOSAA	D5-NETFOSAA	%						81 ^f		
d7-MeFOSE	D7-NMEFOSE	%						75 ^f		
d9-EtFOSE	D9-NETFOSE	%						81 ^f		
13C2-4:2FTS	13C2-4:2FTS	%						140 ^f		
13C2-6:2FTS	13C2-6:2FTS	%						100 ^f		
13C2-8:2FTS	13C2-8:2FTS	%						110 ^f		
13C3-HFPO-DA	13C3-HFPO-DA	%						96 ^f		
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg							ND	
4-Chloro-3-methyl phenol	59-50-7	mg/kg							ND	
2,4-Dichlorophenol	120-83-2	mg/kg							ND	
2,4-Dimethylphenol	105-67-9	mg/kg							ND	
2,4-Dinitrophenol	51-28-5	mg/kg							ND ^a	
4,6-Dinitro-o-cresol	534-52-1	mg/kg							ND ^a	
2-Methylphenol	95-48-7	mg/kg			100	0.33			ND	
3&4-Methylphenol	M+P-CRESOLS	mg/kg							ND	
2-Nitrophenol	88-75-5	mg/kg							ND ^a	
4-Nitrophenol	100-02-7	mg/kg							ND	
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8			ND	
Phenol	108-95-2	mg/kg			100	0.33			ND	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg							ND ^a	
2,4,5-Trichlorophenol	95-95-4	mg/kg							ND ^a	
2,4,6-Trichlorophenol	88-06-2	mg/kg							ND ^a	
Acenaphthene	83-32-9	mg/kg			100	20			ND	
Acenaphthylene	208-96-8	mg/kg			100	100			ND	
Acetophenone	98-86-2	mg/kg							ND	
Anthracene	120-12-7	mg/kg			100	100			ND	
Atrazine	1912-24-9	mg/kg							ND ^a	
Benzo(a)anthracene	56-55-3	mg/kg			1	1			0.0496	
Benzo(a)pyrene	50-32-8	mg/kg			1	1			0.0558 ^b	
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1			0.0557	
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100			0.0353 ^b	
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8			0.019 J	
4-Bromophenyl phenyl ether	101-55-3	mg/kg							ND	
Butyl benzyl phthalate	85-68-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg							ND	
Benzaldehyde	100-52-7	mg/kg							ND	
2-Chloronaphthalene	91-58-7	mg/kg							ND	
4-Chloroaniline	106-47-8	mg/kg							ND	
Carbazole	86-74-8	mg/kg							ND	
Caprolactam	105-60-2	mg/kg							ND	
Chrysene	218-01-9	mg/kg			3.9	1			0.0462	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							ND	
bis(2-Chloroethyl)ether	111-44-4	mg/kg							ND	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg							ND	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							ND	
2,4-Dinitrotoluene	121-14-2	mg/kg							ND ^a	
2,6-Dinitrotoluene	606-20-2	mg/kg							ND ^a	
3,3'-Dichlorobenzidine	91-94-1	mg/kg							ND	
1,4-Dioxane	123-91-1	mg/kg			13	0.1			ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33			ND ^a	
Dibenzofuran	132-64-9	mg/kg			59	7			ND	
Di-n-butyl phthalate	84-74-2	mg/kg							ND	
Di-n-octyl phthalate	117-84-0	mg/kg							ND	
Diethyl phthalate	84-66-2	mg/kg							ND	
Dimethyl phthalate	131-11-3	mg/kg							ND	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							ND	
Fluoranthene	206-44-0	mg/kg			100	100			0.0417	
Fluorene	86-73-7	mg/kg			100	30			ND	
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33			ND	
Hexachlorobutadiene	87-68-3	mg/kg							ND	
Hexachlorocyclopentadiene	77-47-4	mg/kg							ND	
Hexachloroethane	67-72-1	mg/kg							ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5			0.0583	
Isophorone	78-59-1	mg/kg							ND	
2-Methylnaphthalene	91-57-6	mg/kg							ND	
2-Nitroaniline	88-74-4	mg/kg							ND	
3-Nitroaniline	99-09-2	mg/kg							ND	
4-Nitroaniline	100-01-6	mg/kg							ND	
Naphthalene	91-20-3	mg/kg			100	12			ND	
Nitrobenzene	98-95-3	mg/kg			15				ND	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg							ND	
N-Nitrosodiphenylamine	86-30-6	mg/kg							ND	
Phenanthrene	85-01-8	mg/kg			100	100			0.0262 J	
Pyrene	129-00-0	mg/kg			100	100			0.0656	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg							ND	
2-Fluorophenol	367-12-4	%							23	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%							26	
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%							42	
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%							25	
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%							32	
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%							35	
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05			0.0073 J	
Benzene	71-43-2	mg/kg			4.8	0.06			ND	
Bromochloromethane	74-97-5	mg/kg							ND	
Bromodichloromethane	75-27-4	mg/kg							ND	
Bromoform	75-25-2	mg/kg							ND	
Bromomethane	74-83-9	mg/kg							ND ^c	
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12			ND	
Carbon disulfide	75-15-0	mg/kg							ND	
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76			ND	
Chlorobenzene	108-90-7	mg/kg			100	1.1			ND	
Chloroethane	75-00-3	mg/kg							ND ^c	
Chloroform	67-66-3	mg/kg			49	0.37			ND	
Chloromethane	74-87-3	mg/kg							ND	
Cyclohexane	110-82-7	mg/kg							ND	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg							ND	
Dibromochloromethane	124-48-1	mg/kg							ND	
1,2-Dibromoethane	106-93-4	mg/kg							ND	
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1			ND	
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4			ND	
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8			ND	
Dichlorodifluoromethane	75-71-8	mg/kg							ND	
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27			ND	
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02			ND	
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33			ND	
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25			ND	
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19			ND	
1,2-Dichloropropane	78-87-5	mg/kg							ND	
cis-1,3-Dichloropropene	10061-01-5	mg/kg							ND	
trans-1,3-Dichloropropene	10061-02-6	mg/kg							ND	
Ethylbenzene	100-41-4	mg/kg			41	1			ND	
Freon 113	76-13-1	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg							ND	
Isopropylbenzene	98-82-8	mg/kg							ND	
Methyl Acetate	79-20-9	mg/kg							ND	
Methylcyclohexane	108-87-2	mg/kg							ND	
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93			ND	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg							ND	
Methylene chloride	75-09-2	mg/kg			100	0.05			ND	
Styrene	100-42-5	mg/kg							ND	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							ND	
Tetrachloroethene	127-18-4	mg/kg			19	1.3			ND	
Toluene	108-88-3	mg/kg			100	0.7			ND	
1,2,3-Trichlorobenzene	87-61-6	mg/kg							ND	
1,2,4-Trichlorobenzene	120-82-1	mg/kg							ND	
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68			ND	
1,1,2-Trichloroethane	79-00-5	mg/kg							ND	
Trichloroethene	79-01-6	mg/kg			21	0.47			ND	
Trichlorofluoromethane	75-69-4	mg/kg							ND	
Vinyl chloride	75-01-4	mg/kg			0.9	0.02			ND	
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26			ND	
o-Xylene	95-47-6	mg/kg			100	0.26			ND	
Xylene (total)	1330-20-7	mg/kg			100	0.26			ND	
Dibromofluoromethane	1868-53-7	%							90	
Dibromofluoromethane (1)	1868-53-7	%							92	
1,2-Dichloroethane-D4	17060-07-0	%							98	
1,2-Dichloroethane-D4 (1)	17060-07-0	%							99	
Toluene-D8	2037-26-5	%							99	
Toluene-D8 (1)	2037-26-5	%							100	
4-Bromofluorobenzene	460-00-4	%							94	
4-Bromofluorobenzene (1)	460-00-4	%							101	
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (9-9.5)	SB3 (9-9.5)	SB3 (13-13.5)	SB3 (13-13.5)
Lab Sample ID:							JD58458-14A	JD58458-14B	JD58458-15	JD58458-15A
Location:										
Date Sampled:							1/10/2023 12:49 PM	1/10/2023 12:49 PM	1/10/2023 12:55 PM	1/10/2023 12:55 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005			ND	
alpha-BHC	319-84-6	mg/kg			0.48	0.02			ND	
beta-BHC	319-85-7	mg/kg			0.36	0.036			ND	
delta-BHC	319-86-8	mg/kg			100	0.04			ND	
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1			ND	
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094			ND	
gamma-Chlordane	5103-74-2	mg/kg							ND ^a	
Dieldrin	60-57-1	mg/kg			0.2	0.005			ND	
4,4'-DDD	72-54-8	mg/kg			13	0.0033			ND	
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033			ND	
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033			ND	
Endrin	72-20-8	mg/kg			11	0.014			ND	
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4			ND	
Endrin aldehyde	7421-93-4	mg/kg							ND	
Endrin ketone	53494-70-5	mg/kg							ND	
Endosulfan-I	959-98-8	mg/kg			24	2.4			ND	
Endosulfan-II	33213-65-9	mg/kg			24	2.4			ND	
Heptachlor	76-44-8	mg/kg			2.1	0.042			ND	
Heptachlor epoxide	1024-57-3	mg/kg							ND	
Methoxychlor	72-43-5	mg/kg							ND	
Toxaphene	8001-35-2	mg/kg							ND	
Tetrachloro-m-xylene	877-09-8	%							107 ^e	
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%							95 ^d	
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1		ND		
Aroclor 1221	11104-28-2	mg/kg			1	0.1		ND		
Aroclor 1232	11141-16-5	mg/kg			1	0.1		ND		
Aroclor 1242	53469-21-9	mg/kg			1	0.1		ND		
Aroclor 1248	12672-29-6	mg/kg			1	0.1		ND		
Aroclor 1254	11097-69-1	mg/kg			1	0.1		ND		
Aroclor 1260	11096-82-5	mg/kg			1	0.1		ND		
Aroclor 1268	11100-14-4	mg/kg			1	0.1		ND		
Aroclor 1262	37324-23-5	mg/kg			1	0.1		ND		
Tetrachloro-m-xylene	877-09-8	%						117		
Tetrachloro-m-xylene (1)	877-09-8	%						117		
Decachlorobiphenyl	2051-24-3	%						115		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%						108		
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%						90.4		
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27		<0.26		
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg						5910		
Antimony	7440-36-0	mg/kg						<2.3		
Arsenic	7440-38-2	mg/kg			16	13		<2.3		
Barium	7440-39-3	mg/kg			400	350		35.3		
Beryllium	7440-41-7	mg/kg			72	7.2		0.25		
Cadmium	7440-43-9	mg/kg			4.3	2.5		<0.58		
Calcium	7440-70-2	mg/kg						24000		
Chromium	7440-47-3	mg/kg						14.8		
Cobalt	7440-48-4	mg/kg						7.3		
Copper	7440-50-8	mg/kg			270	50		52.5		
Iron	7439-89-6	mg/kg						15800		
Lead	7439-92-1	mg/kg			400	63		6		
Magnesium	7439-95-4	mg/kg						9520		
Manganese	7439-96-5	mg/kg			2000	1600		180		
Nickel	7440-02-0	mg/kg			310	30		8.6		
Potassium	7440-09-7	mg/kg						1580		
Selenium	7782-49-2	mg/kg			180	3.9		<2.3		
Silver	7440-22-4	mg/kg			180	2		<0.58		
Sodium	7440-23-5	mg/kg						<1200		
Thallium	7440-28-0	mg/kg						<1.2		
Vanadium	7440-62-2	mg/kg						43.6		
Zinc	7440-66-6	mg/kg			10000	109		29.9		
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18		<0.031		
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg					ND			ND
Perfluoropentanoic acid	2706-90-3	mg/kg					ND			ND
Perfluorohexanoic acid	307-24-4	mg/kg					ND			ND
Perfluoroheptanoic acid	375-85-9	mg/kg					ND			ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066	ND			ND
Perfluorononanoic acid	375-95-1	mg/kg					ND			ND
Perfluorodecanoic acid	335-76-2	mg/kg					ND			ND
Perfluoroundecanoic acid	2058-94-8	mg/kg					ND			ND
Perfluorododecanoic acid	307-55-1	mg/kg					ND			ND
Perfluorotridecanoic acid	72629-94-8	mg/kg					ND			ND
Perfluorotetradecanoic acid	376-06-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg					ND			ND
Perfluoropentanesulfonic acid	2706-91-4	mg/kg					ND			ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg					ND			ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg					ND			ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088	ND			ND
Perfluorononanesulfonic acid	68259-12-1	mg/kg					ND			ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg					ND			ND
Perfluorododecanesulfonic acid	79780-39-5	mg/kg					ND			ND
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg					ND			ND
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg					ND			ND
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg					ND			ND
PFOSA	754-91-6	mg/kg					ND			ND
MeFOSA	31506-32-8	mg/kg					ND			ND
EtFOSA	4151-50-2	mg/kg					ND			ND
MeFOSAA	2355-31-9	mg/kg					ND			ND
EtFOSAA	2991-50-6	mg/kg					ND			ND
MeFOSE	24448-09-7	mg/kg					ND			ND
EtFOSE	1691-99-2	mg/kg					ND			ND
HFPO-DA (GenX)	13252-13-6	mg/kg					ND			ND
ADONA	919005-14-4	mg/kg					ND			ND
PFMPA	377-73-1	mg/kg					ND			ND
PFMBA	863090-89-5	mg/kg					ND			ND
NFDHA	151772-58-6	mg/kg					ND			ND
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg					ND			ND
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg					ND			ND
PFEESA	113507-82-7	mg/kg					ND			ND
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg					ND			ND
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg					ND			ND
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg					ND			ND
13C4-PFBA	13C4-PFBA	%					88 ^f			87 ^f
13C5-PFPeA	13C5-PFPEA	%					93 ^f			93 ^f
13C5-PFHxA	13C5-PFHXA	%					93 ^f			91 ^f
13C4-PFHpA	13C4-PFHPA	%					87 ^f			88 ^f
13C8-PFOA	13C8-PFOA	%					95 ^f			85 ^f
13C9-PFNA	13C9-PFNA	%					88 ^f			89 ^f
13C6-PFDA	13C6-PFDA	%					99 ^f			96 ^f
13C7-PFUnDA	13C7-PFUNDA	%					93 ^f			100 ^f
13C2-PFDoDA	13C2-PFDODA	%					82 ^f			82 ^f
13C2-PFTeDA	13C2-PFTEDA	%					70 ^f			65 ^f
13C3-PFBS	13C3-PFBS	%					86 ^f			88 ^f
13C3-PFHxS	13C3-PFHXS	%					90 ^f			90 ^f

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%					89 ^f			87 ^f
13C8-FOSA	13C8-FOSA	%					84 ^f			85 ^f
d3-MeFOSA	D3-NMEFOSA	%					70 ^f			78 ^f
d5-EtFOSA	D5-NETFOSA	%					67 ^f			73 ^f
d3-MeFOSAA	D3-NMEFOSAA	%					76 ^f			80 ^f
d5-EtFOSAA	D5-NETFOSAA	%					81 ^f			78 ^f
d7-MeFOSE	D7-NMEFOSE	%					75 ^f			70 ^f
d9-EtFOSE	D9-NETFOSE	%					77 ^f			73 ^f
13C2-4:2FTS	13C2-4:2FTS	%					130 ^f			130 ^f
13C2-6:2FTS	13C2-6:2FTS	%					110 ^f			110 ^f
13C2-8:2FTS	13C2-8:2FTS	%					93 ^f			92 ^f
13C3-HFPO-DA	13C3-HFPO-DA	%					92 ^f			93 ^f
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg						ND		
4-Chloro-3-methyl phenol	59-50-7	mg/kg						ND		
2,4-Dichlorophenol	120-83-2	mg/kg						ND		
2,4-Dimethylphenol	105-67-9	mg/kg						ND		
2,4-Dinitrophenol	51-28-5	mg/kg						ND ^a		
4,6-Dinitro-o-cresol	534-52-1	mg/kg						ND ^a		
2-Methylphenol	95-48-7	mg/kg			100	0.33		ND		
3&4-Methylphenol	M+P-CRESOLS	mg/kg						ND		
2-Nitrophenol	88-75-5	mg/kg						ND ^a		
4-Nitrophenol	100-02-7	mg/kg						ND		
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8		ND		
Phenol	108-95-2	mg/kg			100	0.33		ND		
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg						ND ^a		
2,4,5-Trichlorophenol	95-95-4	mg/kg						ND ^a		
2,4,6-Trichlorophenol	88-06-2	mg/kg						ND ^a		
Acenaphthene	83-32-9	mg/kg			100	20		ND		
Acenaphthylene	208-96-8	mg/kg			100	100		ND		
Acetophenone	98-86-2	mg/kg						ND		
Anthracene	120-12-7	mg/kg			100	100		ND		
Atrazine	1912-24-9	mg/kg						ND ^a		
Benzo(a)anthracene	56-55-3	mg/kg			1	1		ND		
Benzo(a)pyrene	50-32-8	mg/kg			1	1		ND ^a		
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1		ND		
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100		ND ^a		
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8		ND		
4-Bromophenyl phenyl ether	101-55-3	mg/kg						ND		
Butyl benzyl phthalate	85-68-7	mg/kg						0.0862		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg						ND		
Benzaldehyde	100-52-7	mg/kg						ND		
2-Chloronaphthalene	91-58-7	mg/kg						ND		
4-Chloroaniline	106-47-8	mg/kg						ND		
Carbazole	86-74-8	mg/kg						ND		
Caprolactam	105-60-2	mg/kg						ND		
Chrysene	218-01-9	mg/kg			3.9	1		ND		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						ND		
bis(2-Chloroethyl)ether	111-44-4	mg/kg						ND		
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg						ND		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						ND		
2,4-Dinitrotoluene	121-14-2	mg/kg						ND ^a		
2,6-Dinitrotoluene	606-20-2	mg/kg						ND ^a		
3,3'-Dichlorobenzidine	91-94-1	mg/kg						ND		
1,4-Dioxane	123-91-1	mg/kg			13	0.1		ND		
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33		ND ^a		
Dibenzofuran	132-64-9	mg/kg			59	7		ND		
Di-n-butyl phthalate	84-74-2	mg/kg						ND		
Di-n-octyl phthalate	117-84-0	mg/kg						ND		
Diethyl phthalate	84-66-2	mg/kg						ND		
Dimethyl phthalate	131-11-3	mg/kg						ND		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						0.0615 J		
Fluoranthene	206-44-0	mg/kg			100	100		0.0193 J		
Fluorene	86-73-7	mg/kg			100	30		ND		
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33		ND		
Hexachlorobutadiene	87-68-3	mg/kg						ND		
Hexachlorocyclopentadiene	77-47-4	mg/kg						ND		
Hexachloroethane	67-72-1	mg/kg						ND		
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5		ND		
Isophorone	78-59-1	mg/kg						ND		
2-Methylnaphthalene	91-57-6	mg/kg						ND		
2-Nitroaniline	88-74-4	mg/kg						ND		
3-Nitroaniline	99-09-2	mg/kg						ND		
4-Nitroaniline	100-01-6	mg/kg						ND		
Naphthalene	91-20-3	mg/kg			100	12		ND		
Nitrobenzene	98-95-3	mg/kg			15			ND		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg						ND		
N-Nitrosodiphenylamine	86-30-6	mg/kg						ND		
Phenanthrene	85-01-8	mg/kg			100	100		ND		
Pyrene	129-00-0	mg/kg			100	100		0.0197 J		
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg						ND		
2-Fluorophenol	367-12-4	%						35		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%						48		
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%						29		
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%						50		
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%						54		
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%						64		
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05		0.0063 J		
Benzene	71-43-2	mg/kg			4.8	0.06		ND		
Bromochloromethane	74-97-5	mg/kg						ND		
Bromodichloromethane	75-27-4	mg/kg						ND		
Bromoform	75-25-2	mg/kg						ND		
Bromomethane	74-83-9	mg/kg						ND °		
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12		ND		
Carbon disulfide	75-15-0	mg/kg						ND		
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76		ND		
Chlorobenzene	108-90-7	mg/kg			100	1.1		ND		
Chloroethane	75-00-3	mg/kg						ND °		
Chloroform	67-66-3	mg/kg			49	0.37		ND		
Chloromethane	74-87-3	mg/kg						ND		
Cyclohexane	110-82-7	mg/kg						ND		
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg						ND		
Dibromochloromethane	124-48-1	mg/kg						ND		
1,2-Dibromoethane	106-93-4	mg/kg						ND		
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1		ND		
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4		ND		
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8		ND		
Dichlorodifluoromethane	75-71-8	mg/kg						ND		
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27		ND		
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02		ND		
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33		ND		
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25		ND		
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19		ND		
1,2-Dichloropropane	78-87-5	mg/kg						ND		
cis-1,3-Dichloropropene	10061-01-5	mg/kg						ND		
trans-1,3-Dichloropropene	10061-02-6	mg/kg						ND		
Ethylbenzene	100-41-4	mg/kg			41	1		ND		
Freon 113	76-13-1	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg						ND		
Isopropylbenzene	98-82-8	mg/kg						ND		
Methyl Acetate	79-20-9	mg/kg						ND		
Methylcyclohexane	108-87-2	mg/kg						ND		
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93		ND		
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg						ND		
Methylene chloride	75-09-2	mg/kg			100	0.05		ND		
Styrene	100-42-5	mg/kg						ND		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						ND		
Tetrachloroethene	127-18-4	mg/kg			19	1.3		ND		
Toluene	108-88-3	mg/kg			100	0.7		ND		
1,2,3-Trichlorobenzene	87-61-6	mg/kg						ND		
1,2,4-Trichlorobenzene	120-82-1	mg/kg						ND		
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68		ND		
1,1,2-Trichloroethane	79-00-5	mg/kg						ND		
Trichloroethene	79-01-6	mg/kg			21	0.47		ND		
Trichlorofluoromethane	75-69-4	mg/kg						ND		
Vinyl chloride	75-01-4	mg/kg			0.9	0.02		ND		
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26		ND		
o-Xylene	95-47-6	mg/kg			100	0.26		ND		
Xylene (total)	1330-20-7	mg/kg			100	0.26		ND		
Dibromofluoromethane	1868-53-7	%						97		
Dibromofluoromethane (1)	1868-53-7	%						81		
1,2-Dichloroethane-D4	17060-07-0	%						98		
1,2-Dichloroethane-D4 (1)	17060-07-0	%						108		
Toluene-D8	2037-26-5	%						99		
Toluene-D8 (1)	2037-26-5	%						101		
4-Bromofluorobenzene	460-00-4	%						91		
4-Bromofluorobenzene (1)	460-00-4	%						94		
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58458	JD58458	JD58458	JD58458
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461 PH 1	12461 PH 1	12461 PH 1	12461 PH 1
Client Sample ID:							SB3 (13-13.5)	SB3 (19-19.5)	SB3 (19-19.5)	SB3 (19-19.5)
Lab Sample ID:							JD58458-15B	JD58458-16	JD58458-16A	JD58458-16B
Location:										
Date Sampled:							1/10/2023 12:55 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM	1/10/2023 1:03 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005			ND ^a	
alpha-BHC	319-84-6	mg/kg			0.48	0.02			ND ^a	
beta-BHC	319-85-7	mg/kg			0.36	0.036			ND ^a	
delta-BHC	319-86-8	mg/kg			100	0.04			ND ^a	
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1			ND ^a	
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094			ND ^a	
gamma-Chlordane	5103-74-2	mg/kg							ND ^a	
Dieldrin	60-57-1	mg/kg			0.2	0.005			ND ^a	
4,4'-DDD	72-54-8	mg/kg			13	0.0033			ND ^a	
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033			ND ^a	
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033			ND ^a	
Endrin	72-20-8	mg/kg			11	0.014			ND ^a	
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4			ND ^a	
Endrin aldehyde	7421-93-4	mg/kg							ND ^a	
Endrin ketone	53494-70-5	mg/kg							ND ^a	
Endosulfan-I	959-98-8	mg/kg			24	2.4			ND ^a	
Endosulfan-II	33213-65-9	mg/kg			24	2.4			ND ^a	
Heptachlor	76-44-8	mg/kg			2.1	0.042			ND ^a	
Heptachlor epoxide	1024-57-3	mg/kg							ND ^a	
Methoxychlor	72-43-5	mg/kg							ND	
Toxaphene	8001-35-2	mg/kg							ND	
Tetrachloro-m-xylene	877-09-8	%							124 * ^e	
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%							126 ^d	
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1	ND			ND
Aroclor 1221	11104-28-2	mg/kg			1	0.1	ND			ND
Aroclor 1232	11141-16-5	mg/kg			1	0.1	ND			ND
Aroclor 1242	53469-21-9	mg/kg			1	0.1	ND			ND
Aroclor 1248	12672-29-6	mg/kg			1	0.1	ND			ND
Aroclor 1254	11097-69-1	mg/kg			1	0.1	ND			ND
Aroclor 1260	11096-82-5	mg/kg			1	0.1	ND			ND
Aroclor 1268	11100-14-4	mg/kg			1	0.1	ND			ND
Aroclor 1262	37324-23-5	mg/kg			1	0.1	ND			ND
Tetrachloro-m-xylene	877-09-8	%					95			89
Tetrachloro-m-xylene (1)	877-09-8	%					97			93
Decachlorobiphenyl	2051-24-3	%					81			83

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%					107			89
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%					94.4			95
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27	<0.26			<0.23
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg					9350			6340
Antimony	7440-36-0	mg/kg					<2.1			<2.2
Arsenic	7440-38-2	mg/kg			16	13	2.5			<2.2
Barium	7440-39-3	mg/kg			400	350	76.9			50.6
Beryllium	7440-41-7	mg/kg			72	7.2	0.38			0.27
Cadmium	7440-43-9	mg/kg			4.3	2.5	<0.52			<0.55
Calcium	7440-70-2	mg/kg					4300			19100
Chromium	7440-47-3	mg/kg					15			12.5
Cobalt	7440-48-4	mg/kg					6.5			5.5
Copper	7440-50-8	mg/kg			270	50	23.8			14.7
Iron	7439-89-6	mg/kg					14500			11600
Lead	7439-92-1	mg/kg			400	63	98.1			4.6
Magnesium	7439-95-4	mg/kg					4350			11900
Manganese	7439-96-5	mg/kg			2000	1600	243			207
Nickel	7440-02-0	mg/kg			310	30	14			10.6
Potassium	7440-09-7	mg/kg					1490			2170
Selenium	7782-49-2	mg/kg			180	3.9	<2.1			<2.2
Silver	7440-22-4	mg/kg			180	2	<0.52			<0.55
Sodium	7440-23-5	mg/kg					<1000			<1100
Thallium	7440-28-0	mg/kg					<1.0			<1.1
Vanadium	7440-62-2	mg/kg					22.1			16.9
Zinc	7440-66-6	mg/kg			10000	109	86			30.4
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18	0.14			<0.027
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg						ND		
Perfluoropentanoic acid	2706-90-3	mg/kg						ND		
Perfluorohexanoic acid	307-24-4	mg/kg						ND		
Perfluoroheptanoic acid	375-85-9	mg/kg						ND		
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066		ND		
Perfluorononanoic acid	375-95-1	mg/kg						ND		
Perfluorodecanoic acid	335-76-2	mg/kg						ND		
Perfluoroundecanoic acid	2058-94-8	mg/kg						ND		
Perfluorododecanoic acid	307-55-1	mg/kg						ND		
Perfluorotridecanoic acid	72629-94-8	mg/kg						ND		
Perfluorotetradecanoic acid	376-06-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg						ND		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg						ND		
Perfluorohexanesulfonic acid	355-46-4	mg/kg						ND		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg						ND		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088		ND		
Perfluorononanesulfonic acid	68259-12-1	mg/kg						ND		
Perfluorodecanesulfonic acid	335-77-3	mg/kg						ND		
Perfluorododecanesulfonic acid	79780-39-5	mg/kg						ND		
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg						ND		
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg						ND		
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg						ND		
PFOSA	754-91-6	mg/kg						ND		
MeFOSA	31506-32-8	mg/kg						ND		
EtFOSA	4151-50-2	mg/kg						ND		
MeFOSAA	2355-31-9	mg/kg						ND		
EtFOSAA	2991-50-6	mg/kg						ND		
MeFOSE	24448-09-7	mg/kg						ND		
EtFOSE	1691-99-2	mg/kg						ND		
HFPO-DA (GenX)	13252-13-6	mg/kg						ND		
ADONA	919005-14-4	mg/kg						ND		
PFMPA	377-73-1	mg/kg						ND		
PFMBA	863090-89-5	mg/kg						ND		
NFDHA	151772-58-6	mg/kg						ND		
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg						ND		
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg						ND		
PFEESA	113507-82-7	mg/kg						ND		
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg						ND		
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg						ND		
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg						ND		
13C4-PFBA	13C4-PFBA	%						87 ^f		
13C5-PFPeA	13C5-PFPEA	%						93 ^f		
13C5-PFHxA	13C5-PFHXA	%						90 ^f		
13C4-PFHpA	13C4-PFHPA	%						89 ^f		
13C8-PFOA	13C8-PFOA	%						89 ^f		
13C9-PFNA	13C9-PFNA	%						89 ^f		
13C6-PFDA	13C6-PFDA	%						95 ^f		
13C7-PFUnDA	13C7-PFUNDA	%						100 ^f		
13C2-PFDoDA	13C2-PFDODA	%						87 ^f		
13C2-PFTeDA	13C2-PFTEDA	%						48 ^f		
13C3-PFBS	13C3-PFBS	%						93 ^f		
13C3-PFHxS	13C3-PFHXS	%						86 ^f		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%						88 ^f		
13C8-FOSA	13C8-FOSA	%						87 ^f		
d3-MeFOSA	D3-NMEFOSA	%						72 ^f		
d5-EtFOSA	D5-NETFOSA	%						64 ^f		
d3-MeFOSAA	D3-NMEFOSAA	%						89 ^f		
d5-EtFOSAA	D5-NETFOSAA	%						90 ^f		
d7-MeFOSE	D7-NMEFOSE	%						73 ^f		
d9-EtFOSE	D9-NETFOSE	%						74 ^f		
13C2-4:2FTS	13C2-4:2FTS	%						130 ^f		
13C2-6:2FTS	13C2-6:2FTS	%						100 ^f		
13C2-8:2FTS	13C2-8:2FTS	%						100 ^f		
13C3-HFPO-DA	13C3-HFPO-DA	%						91 ^f		
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg					ND			ND
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND			ND
2,4-Dichlorophenol	120-83-2	mg/kg					ND			ND
2,4-Dimethylphenol	105-67-9	mg/kg					ND			ND
2,4-Dinitrophenol	51-28-5	mg/kg					ND ^a			ND ^a
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND ^a			ND ^a
2-Methylphenol	95-48-7	mg/kg			100	0.33	ND			ND
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND			ND
2-Nitrophenol	88-75-5	mg/kg					ND ^a			ND ^a
4-Nitrophenol	100-02-7	mg/kg					ND			ND
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8	ND ^g			ND ^g
Phenol	108-95-2	mg/kg			100	0.33	ND			ND
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND			ND
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND			ND
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND			ND
Acenaphthene	83-32-9	mg/kg			100	20	0.0313 J			ND
Acenaphthylene	208-96-8	mg/kg			100	100	0.0698			ND
Acetophenone	98-86-2	mg/kg					ND			ND
Anthracene	120-12-7	mg/kg			100	100	0.108			ND
Atrazine	1912-24-9	mg/kg					ND			ND ^a
Benzo(a)anthracene	56-55-3	mg/kg			1	1	0.401			ND
Benzo(a)pyrene	50-32-8	mg/kg			1	1	0.484			ND
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1	0.529			ND
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100	0.353 ^b			ND
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8	0.195			ND
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND			ND
Butyl benzyl phthalate	85-68-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg					0.0147 J			ND
Benzaldehyde	100-52-7	mg/kg					ND			ND
2-Chloronaphthalene	91-58-7	mg/kg					ND			ND
4-Chloroaniline	106-47-8	mg/kg					ND			ND
Carbazole	86-74-8	mg/kg					0.0455 J			ND
Caprolactam	105-60-2	mg/kg					ND ^a			ND ^a
Chrysene	218-01-9	mg/kg			3.9	1	0.446			ND
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND			ND
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND			ND
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND			ND
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND			ND
2,4-Dinitrotoluene	121-14-2	mg/kg					ND ^a			ND ^a
2,6-Dinitrotoluene	606-20-2	mg/kg					ND ^a			ND ^a
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND ^a			ND ^a
1,4-Dioxane	123-91-1	mg/kg			13	0.1	ND			ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33	0.106 ^b			ND ^a
Dibenzofuran	132-64-9	mg/kg			59	7	0.0208 J			ND
Di-n-butyl phthalate	84-74-2	mg/kg					ND			ND
Di-n-octyl phthalate	117-84-0	mg/kg					ND			ND
Diethyl phthalate	84-66-2	mg/kg					ND			ND
Dimethyl phthalate	131-11-3	mg/kg					ND			ND
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					ND			0.0122 J
Fluoranthene	206-44-0	mg/kg			100	100	0.683			ND
Fluorene	86-73-7	mg/kg			100	30	0.0309 J			ND
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33	ND			ND
Hexachlorobutadiene	87-68-3	mg/kg					ND			ND
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND ^g			ND ^g
Hexachloroethane	67-72-1	mg/kg					ND			ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5	0.423 ^b			ND
Isophorone	78-59-1	mg/kg					ND			ND
2-Methylnaphthalene	91-57-6	mg/kg					0.0362			ND
2-Nitroaniline	88-74-4	mg/kg					ND ^a			ND ^a
3-Nitroaniline	99-09-2	mg/kg					ND ^a			ND ^a
4-Nitroaniline	100-01-6	mg/kg					ND ^a			ND ^a
Naphthalene	91-20-3	mg/kg			100	12	0.041			ND
Nitrobenzene	98-95-3	mg/kg			15		ND			ND
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND			ND
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND			ND
Phenanthrene	85-01-8	mg/kg			100	100	0.378			ND
Pyrene	129-00-0	mg/kg			100	100	0.662			ND
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND			ND
2-Fluorophenol	367-12-4	%					61			50

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%					68			56
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%					99			77
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%					81			63
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%					84			62
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%					77			68
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05	ND			ND
Benzene	71-43-2	mg/kg			4.8	0.06	ND			ND
Bromochloromethane	74-97-5	mg/kg					ND			ND
Bromodichloromethane	75-27-4	mg/kg					ND			ND
Bromoform	75-25-2	mg/kg					ND			ND
Bromomethane	74-83-9	mg/kg					ND ^c			ND ^c
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12	ND			ND
Carbon disulfide	75-15-0	mg/kg					ND			ND
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76	ND			ND
Chlorobenzene	108-90-7	mg/kg			100	1.1	ND			ND
Chloroethane	75-00-3	mg/kg					ND			ND
Chloroform	67-66-3	mg/kg			49	0.37	ND			ND
Chloromethane	74-87-3	mg/kg					ND			ND
Cyclohexane	110-82-7	mg/kg					ND			ND
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND			ND
Dibromochloromethane	124-48-1	mg/kg					ND			ND
1,2-Dibromoethane	106-93-4	mg/kg					ND			ND
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1	ND			ND
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4	ND			ND
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8	ND			ND
Dichlorodifluoromethane	75-71-8	mg/kg					ND ^c			ND ^c
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27	ND			ND
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02	ND			ND
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33	ND			ND
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25	ND			ND
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19	ND			ND
1,2-Dichloropropane	78-87-5	mg/kg					ND			ND
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND			ND
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND			ND
Ethylbenzene	100-41-4	mg/kg			41	1	ND			ND
Freon 113	76-13-1	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg					ND			ND
Isopropylbenzene	98-82-8	mg/kg					ND			ND
Methyl Acetate	79-20-9	mg/kg					ND			ND
Methylcyclohexane	108-87-2	mg/kg					ND			ND
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93	ND			ND
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg					ND			ND
Methylene chloride	75-09-2	mg/kg			100	0.05	ND			ND
Styrene	100-42-5	mg/kg					ND			ND
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND			ND
Tetrachloroethene	127-18-4	mg/kg			19	1.3	ND			ND
Toluene	108-88-3	mg/kg			100	0.7	ND			ND
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND			ND
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND			ND
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68	ND			ND
1,1,2-Trichloroethane	79-00-5	mg/kg					ND			ND
Trichloroethene	79-01-6	mg/kg			21	0.47	ND			ND
Trichlorofluoromethane	75-69-4	mg/kg					ND			ND
Vinyl chloride	75-01-4	mg/kg			0.9	0.02	ND			ND
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26	ND			ND
o-Xylene	95-47-6	mg/kg			100	0.26	ND			ND
Xylene (total)	1330-20-7	mg/kg			100	0.26	ND			ND
Dibromofluoromethane	1868-53-7	%					95			98
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%					104			102
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%					99			98
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%					98			97
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (3.5-4)	SB12 (3.5-4)	SB12 (3.5-4)	SB12 (6.5-7)
Lab Sample ID:							JD58609-1	JD58609-1A	JD58609-1B	JD58609-2
Location:										
Date Sampled:							1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:35 PM	1/11/2023 2:40 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005		ND		
alpha-BHC	319-84-6	mg/kg			0.48	0.02		ND		
beta-BHC	319-85-7	mg/kg			0.36	0.036		ND		
delta-BHC	319-86-8	mg/kg			100	0.04		ND		
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1		ND		
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094		ND		
gamma-Chlordane	5103-74-2	mg/kg						ND ^a		
Dieldrin	60-57-1	mg/kg			0.2	0.005		ND		
4,4'-DDD	72-54-8	mg/kg			13	0.0033		ND		
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033		ND		
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033		ND		
Endrin	72-20-8	mg/kg			11	0.014		ND		
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4		ND		
Endrin aldehyde	7421-93-4	mg/kg						ND		
Endrin ketone	53494-70-5	mg/kg						ND		
Endosulfan-I	959-98-8	mg/kg			24	2.4		ND		
Endosulfan-II	33213-65-9	mg/kg			24	2.4		ND		
Heptachlor	76-44-8	mg/kg			2.1	0.042		ND		
Heptachlor epoxide	1024-57-3	mg/kg						ND		
Methoxychlor	72-43-5	mg/kg						ND		
Toxaphene	8001-35-2	mg/kg						ND		
Tetrachloro-m-xylene	877-09-8	%						109 ^e		
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%						114 ^d		
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1			ND	
Aroclor 1221	11104-28-2	mg/kg			1	0.1			ND	
Aroclor 1232	11141-16-5	mg/kg			1	0.1			ND	
Aroclor 1242	53469-21-9	mg/kg			1	0.1			ND	
Aroclor 1248	12672-29-6	mg/kg			1	0.1			ND	
Aroclor 1254	11097-69-1	mg/kg			1	0.1			ND	
Aroclor 1260	11096-82-5	mg/kg			1	0.1			ND	
Aroclor 1268	11100-14-4	mg/kg			1	0.1			ND	
Aroclor 1262	37324-23-5	mg/kg			1	0.1			ND	
Tetrachloro-m-xylene	877-09-8	%							52	
Tetrachloro-m-xylene (1)	877-09-8	%							55	
Decachlorobiphenyl	2051-24-3	%							46	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%							48	
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%							83.3	
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27			<0.27	
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg							8450	
Antimony	7440-36-0	mg/kg							<2.3	
Arsenic	7440-38-2	mg/kg			16	13			<2.3	
Barium	7440-39-3	mg/kg			400	350			75.5	
Beryllium	7440-41-7	mg/kg			72	7.2			0.35	
Cadmium	7440-43-9	mg/kg			4.3	2.5			<0.57	
Calcium	7440-70-2	mg/kg							18300	
Chromium	7440-47-3	mg/kg							17.2	
Cobalt	7440-48-4	mg/kg							7.1	
Copper	7440-50-8	mg/kg			270	50			18.1	
Iron	7439-89-6	mg/kg							15400	
Lead	7439-92-1	mg/kg			400	63			6.4	
Magnesium	7439-95-4	mg/kg							11900	
Manganese	7439-96-5	mg/kg			2000	1600			260	
Nickel	7440-02-0	mg/kg			310	30			14.1	
Potassium	7440-09-7	mg/kg							3590	
Selenium	7782-49-2	mg/kg			180	3.9			<2.3	
Silver	7440-22-4	mg/kg			180	2			<0.57	
Sodium	7440-23-5	mg/kg							<1100	
Thallium	7440-28-0	mg/kg							<1.1	
Vanadium	7440-62-2	mg/kg							24.6	
Zinc	7440-66-6	mg/kg			10000	109			37.7	
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18			<0.033	
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg					ND			ND
Perfluoropentanoic acid	2706-90-3	mg/kg					ND			ND
Perfluorohexanoic acid	307-24-4	mg/kg					ND			ND
Perfluoroheptanoic acid	375-85-9	mg/kg					ND			ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066	ND			ND
Perfluorononanoic acid	375-95-1	mg/kg					ND			ND
Perfluorodecanoic acid	335-76-2	mg/kg					ND			ND
Perfluoroundecanoic acid	2058-94-8	mg/kg					ND			ND
Perfluorododecanoic acid	307-55-1	mg/kg					ND			ND
Perfluorotridecanoic acid	72629-94-8	mg/kg					ND			ND
Perfluorotetradecanoic acid	376-06-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg					ND			ND
Perfluoropentanesulfonic acid	2706-91-4	mg/kg					ND			ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg					ND			ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg					ND			ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088	ND			ND
Perfluorononanesulfonic acid	68259-12-1	mg/kg					ND			ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg					ND			ND
Perfluorododecanesulfonic acid	79780-39-5	mg/kg					ND			ND
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg					ND			ND
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg					ND			ND
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg					ND			ND
PFOSA	754-91-6	mg/kg					ND			ND
MeFOSA	31506-32-8	mg/kg					ND			ND
EtFOSA	4151-50-2	mg/kg					ND			ND
MeFOSAA	2355-31-9	mg/kg					ND			ND
EtFOSAA	2991-50-6	mg/kg					ND			ND
MeFOSE	24448-09-7	mg/kg					ND			ND
EtFOSE	1691-99-2	mg/kg					ND			ND
HFPO-DA (GenX)	13252-13-6	mg/kg					ND			ND
ADONA	919005-14-4	mg/kg					ND			ND
PFMPA	377-73-1	mg/kg					ND			ND
PFMBA	863090-89-5	mg/kg					ND			ND
NFDHA	151772-58-6	mg/kg					ND			ND
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg					ND			ND
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg					ND			ND
PFEESA	113507-82-7	mg/kg					ND			ND
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg					ND			ND
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg					ND			ND
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg					ND			ND
13C4-PFBA	13C4-PFBA	%					91 ^f			89 ^f
13C5-PFPeA	13C5-PFPEA	%					91 ^f			94 ^f
13C5-PFHxA	13C5-PFHXA	%					91 ^f			92 ^f
13C4-PFHpA	13C4-PFHPA	%					97 ^f			90 ^f
13C8-PFOA	13C8-PFOA	%					87 ^f			91 ^f
13C9-PFNA	13C9-PFNA	%					94 ^f			88 ^f
13C6-PFDA	13C6-PFDA	%					89 ^f			96 ^f
13C7-PFUnDA	13C7-PFUNDA	%					87 ^f			97 ^f
13C2-PFDoDA	13C2-PFDODA	%					81 ^f			85 ^f
13C2-PFTeDA	13C2-PFTEDA	%					78 ^f			81 ^f
13C3-PFBS	13C3-PFBS	%					94 ^f			95 ^f
13C3-PFHxS	13C3-PFHXS	%					99 ^f			91 ^f

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%					99 ^f			87 ^f
13C8-FOSA	13C8-FOSA	%					97 ^f			88 ^f
d3-MeFOSA	D3-NMEFOSA	%					48 ^f			74 ^f
d5-EtFOSA	D5-NETFOSA	%					42 ^f			81 ^f
d3-MeFOSAA	D3-NMEFOSAA	%					87 ^f			88 ^f
d5-EtFOSAA	D5-NETFOSAA	%					91 ^f			85 ^f
d7-MeFOSE	D7-NMEFOSE	%					71 ^f			86 ^f
d9-EtFOSE	D9-NETFOSE	%					78 ^f			88 ^f
13C2-4:2FTS	13C2-4:2FTS	%					110 ^f			140 ^f
13C2-6:2FTS	13C2-6:2FTS	%					110 ^f			130 ^f
13C2-8:2FTS	13C2-8:2FTS	%					110 ^f			110 ^f
13C3-HFPO-DA	13C3-HFPO-DA	%					97 ^f			91 ^f
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg							ND	
4-Chloro-3-methyl phenol	59-50-7	mg/kg							ND	
2,4-Dichlorophenol	120-83-2	mg/kg							ND	
2,4-Dimethylphenol	105-67-9	mg/kg							ND	
2,4-Dinitrophenol	51-28-5	mg/kg							ND ^a	
4,6-Dinitro-o-cresol	534-52-1	mg/kg							ND ^a	
2-Methylphenol	95-48-7	mg/kg			100	0.33			ND	
3&4-Methylphenol	M+P-CRESOLS	mg/kg							ND	
2-Nitrophenol	88-75-5	mg/kg							ND ^a	
4-Nitrophenol	100-02-7	mg/kg							ND	
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8			ND ^g	
Phenol	108-95-2	mg/kg			100	0.33			ND	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg							ND	
2,4,5-Trichlorophenol	95-95-4	mg/kg							ND	
2,4,6-Trichlorophenol	88-06-2	mg/kg							ND	
Acenaphthene	83-32-9	mg/kg			100	20			ND	
Acenaphthylene	208-96-8	mg/kg			100	100			ND	
Acetophenone	98-86-2	mg/kg							ND	
Anthracene	120-12-7	mg/kg			100	100			ND	
Atrazine	1912-24-9	mg/kg							ND ^a	
Benzo(a)anthracene	56-55-3	mg/kg			1	1			0.0207 J	
Benzo(a)pyrene	50-32-8	mg/kg			1	1			0.0198 J	
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1			0.0225 J	
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100			ND	
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8			ND	
4-Bromophenyl phenyl ether	101-55-3	mg/kg							ND	
Butyl benzyl phthalate	85-68-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg							ND	
Benzaldehyde	100-52-7	mg/kg							ND	
2-Chloronaphthalene	91-58-7	mg/kg							ND	
4-Chloroaniline	106-47-8	mg/kg							ND	
Carbazole	86-74-8	mg/kg							ND	
Caprolactam	105-60-2	mg/kg							ND ^a	
Chrysene	218-01-9	mg/kg			3.9	1			0.0237 J	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							ND	
bis(2-Chloroethyl)ether	111-44-4	mg/kg							ND	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg							ND	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							ND	
2,4-Dinitrotoluene	121-14-2	mg/kg							ND ^a	
2,6-Dinitrotoluene	606-20-2	mg/kg							ND ^a	
3,3'-Dichlorobenzidine	91-94-1	mg/kg							ND ^a	
1,4-Dioxane	123-91-1	mg/kg			13	0.1			ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33			ND ^a	
Dibenzofuran	132-64-9	mg/kg			59	7			ND	
Di-n-butyl phthalate	84-74-2	mg/kg							ND	
Di-n-octyl phthalate	117-84-0	mg/kg							ND	
Diethyl phthalate	84-66-2	mg/kg							ND	
Dimethyl phthalate	131-11-3	mg/kg							ND	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							0.149	
Fluoranthene	206-44-0	mg/kg			100	100			ND	
Fluorene	86-73-7	mg/kg			100	30			ND	
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33			ND	
Hexachlorobutadiene	87-68-3	mg/kg							ND	
Hexachlorocyclopentadiene	77-47-4	mg/kg							ND ^g	
Hexachloroethane	67-72-1	mg/kg							ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5			0.0229 J	
Isophorone	78-59-1	mg/kg							ND	
2-Methylnaphthalene	91-57-6	mg/kg							ND	
2-Nitroaniline	88-74-4	mg/kg							ND ^a	
3-Nitroaniline	99-09-2	mg/kg							ND ^a	
4-Nitroaniline	100-01-6	mg/kg							ND ^a	
Naphthalene	91-20-3	mg/kg			100	12			ND	
Nitrobenzene	98-95-3	mg/kg			15				ND	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg							ND	
N-Nitrosodiphenylamine	86-30-6	mg/kg							ND	
Phenanthrene	85-01-8	mg/kg			100	100			ND	
Pyrene	129-00-0	mg/kg			100	100			0.0449	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg							ND	
2-Fluorophenol	367-12-4	%							48	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%							54	
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%							79	
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%							60	
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%							63	
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%							64	
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05			ND	
Benzene	71-43-2	mg/kg			4.8	0.06			ND	
Bromochloromethane	74-97-5	mg/kg							ND	
Bromodichloromethane	75-27-4	mg/kg							ND	
Bromoform	75-25-2	mg/kg							ND	
Bromomethane	74-83-9	mg/kg							ND ^c	
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12			ND	
Carbon disulfide	75-15-0	mg/kg							ND	
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76			ND	
Chlorobenzene	108-90-7	mg/kg			100	1.1			ND	
Chloroethane	75-00-3	mg/kg							ND	
Chloroform	67-66-3	mg/kg			49	0.37			ND	
Chloromethane	74-87-3	mg/kg							ND	
Cyclohexane	110-82-7	mg/kg							ND	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg							ND	
Dibromochloromethane	124-48-1	mg/kg							ND	
1,2-Dibromoethane	106-93-4	mg/kg							ND	
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1			ND	
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4			ND	
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8			ND	
Dichlorodifluoromethane	75-71-8	mg/kg							ND ^c	
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27			ND	
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02			ND	
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33			ND	
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25			ND	
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19			ND	
1,2-Dichloropropane	78-87-5	mg/kg							ND	
cis-1,3-Dichloropropene	10061-01-5	mg/kg							ND	
trans-1,3-Dichloropropene	10061-02-6	mg/kg							ND	
Ethylbenzene	100-41-4	mg/kg			41	1			ND	
Freon 113	76-13-1	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg							ND	
Isopropylbenzene	98-82-8	mg/kg							ND	
Methyl Acetate	79-20-9	mg/kg							ND	
Methylcyclohexane	108-87-2	mg/kg							ND	
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93			ND	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg							ND	
Methylene chloride	75-09-2	mg/kg			100	0.05			ND	
Styrene	100-42-5	mg/kg							ND	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							ND	
Tetrachloroethene	127-18-4	mg/kg			19	1.3			ND	
Toluene	108-88-3	mg/kg			100	0.7			ND	
1,2,3-Trichlorobenzene	87-61-6	mg/kg							ND	
1,2,4-Trichlorobenzene	120-82-1	mg/kg							ND	
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68			ND	
1,1,2-Trichloroethane	79-00-5	mg/kg							ND	
Trichloroethene	79-01-6	mg/kg			21	0.47			ND	
Trichlorofluoromethane	75-69-4	mg/kg							ND	
Vinyl chloride	75-01-4	mg/kg			0.9	0.02			ND	
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26			ND	
o-Xylene	95-47-6	mg/kg			100	0.26			ND	
Xylene (total)	1330-20-7	mg/kg			100	0.26			ND	
Dibromofluoromethane	1868-53-7	%							98	
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%							102	
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%							96	
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%							97	
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (6.5-7)	SB12 (6.5-7)	SB12 (14.5-15)	SB12 (14.5-15)
Lab Sample ID:							JD58609-2A	JD58609-2B	JD58609-3	JD58609-3A
Location:										
Date Sampled:							1/11/2023 2:40 PM	1/11/2023 2:40 PM	1/11/2023 2:45 PM	1/11/2023 2:45 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (14.5-15)	SB12 (18-18.5)	SB12 (18-18.5)	SB12 (18-18.5)
Lab Sample ID:							JD58609-3B	JD58609-4	JD58609-4A	JD58609-4B
Location:										
Date Sampled:							1/11/2023 2:45 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005	ND ^a			ND ^a
alpha-BHC	319-84-6	mg/kg			0.48	0.02	ND ^a			ND ^a
beta-BHC	319-85-7	mg/kg			0.36	0.036	ND ^a			ND ^a
delta-BHC	319-86-8	mg/kg			100	0.04	ND ^a			ND ^a
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1	ND ^a			ND ^a
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094	ND ^a			ND ^a
gamma-Chlordane	5103-74-2	mg/kg					ND ^a			ND ^a
Dieldrin	60-57-1	mg/kg			0.2	0.005	ND ^a			ND ^a
4,4'-DDD	72-54-8	mg/kg			13	0.0033	ND ^a			ND ^a
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033	ND ^a			ND ^a
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033	ND ^a			ND ^a
Endrin	72-20-8	mg/kg			11	0.014	ND ^a			ND ^a
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4	ND ^a			ND ^a
Endrin aldehyde	7421-93-4	mg/kg					ND ^a			ND ^a
Endrin ketone	53494-70-5	mg/kg					ND ^a			ND ^a
Endosulfan-I	959-98-8	mg/kg			24	2.4	ND ^a			ND ^a
Endosulfan-II	33213-65-9	mg/kg			24	2.4	ND ^a			ND ^a
Heptachlor	76-44-8	mg/kg			2.1	0.042	ND ^a			ND ^a
Heptachlor epoxide	1024-57-3	mg/kg					ND ^a			ND ^a
Methoxychlor	72-43-5	mg/kg					ND			ND
Toxaphene	8001-35-2	mg/kg					ND			ND
Tetrachloro-m-xylene	877-09-8	%					136 ^{* i}			116 ^e
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%					124 ^d			108 ^d
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1		ND		
Aroclor 1221	11104-28-2	mg/kg			1	0.1		ND		
Aroclor 1232	11141-16-5	mg/kg			1	0.1		ND		
Aroclor 1242	53469-21-9	mg/kg			1	0.1		ND		
Aroclor 1248	12672-29-6	mg/kg			1	0.1		ND		
Aroclor 1254	11097-69-1	mg/kg			1	0.1		ND		
Aroclor 1260	11096-82-5	mg/kg			1	0.1		ND		
Aroclor 1268	11100-14-4	mg/kg			1	0.1		ND		
Aroclor 1262	37324-23-5	mg/kg			1	0.1		ND		
Tetrachloro-m-xylene	877-09-8	%						50		
Tetrachloro-m-xylene (1)	877-09-8	%						53		
Decachlorobiphenyl	2051-24-3	%						47		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (14.5-15)	SB12 (18-18.5)	SB12 (18-18.5)	SB12 (18-18.5)
Lab Sample ID:							JD58609-3B	JD58609-4	JD58609-4A	JD58609-4B
Location:										
Date Sampled:							1/11/2023 2:45 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%						48		
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%						84.8		
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27		<0.31		
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg						5780		
Antimony	7440-36-0	mg/kg						<2.2		
Arsenic	7440-38-2	mg/kg			16	13		<2.2		
Barium	7440-39-3	mg/kg			400	350		54.4		
Beryllium	7440-41-7	mg/kg			72	7.2		0.26		
Cadmium	7440-43-9	mg/kg			4.3	2.5		<0.56		
Calcium	7440-70-2	mg/kg						26300		
Chromium	7440-47-3	mg/kg						14.1		
Cobalt	7440-48-4	mg/kg						5.8		
Copper	7440-50-8	mg/kg			270	50		14.3		
Iron	7439-89-6	mg/kg						12300		
Lead	7439-92-1	mg/kg			400	63		3		
Magnesium	7439-95-4	mg/kg						14600		
Manganese	7439-96-5	mg/kg			2000	1600		199		
Nickel	7440-02-0	mg/kg			310	30		10.6		
Potassium	7440-09-7	mg/kg						2230		
Selenium	7782-49-2	mg/kg			180	3.9		<2.2		
Silver	7440-22-4	mg/kg			180	2		<0.56		
Sodium	7440-23-5	mg/kg						<1100		
Thallium	7440-28-0	mg/kg						<1.1		
Vanadium	7440-62-2	mg/kg						18.4		
Zinc	7440-66-6	mg/kg			10000	109		25.8		
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18		<0.038		
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg							ND	
Perfluoropentanoic acid	2706-90-3	mg/kg							ND	
Perfluorohexanoic acid	307-24-4	mg/kg							ND	
Perfluoroheptanoic acid	375-85-9	mg/kg							ND	
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066			ND	
Perfluorononanoic acid	375-95-1	mg/kg							ND	
Perfluorodecanoic acid	335-76-2	mg/kg							ND	
Perfluoroundecanoic acid	2058-94-8	mg/kg							ND	
Perfluorododecanoic acid	307-55-1	mg/kg							ND	
Perfluorotridecanoic acid	72629-94-8	mg/kg							ND	
Perfluorotetradecanoic acid	376-06-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

[illegible]

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (14.5-15)	SB12 (18-18.5)	SB12 (18-18.5)	SB12 (18-18.5)
Lab Sample ID:							JD58609-3B	JD58609-4	JD58609-4A	JD58609-4B
Location:										
Date Sampled:							1/11/2023 2:45 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%							91 ^f	
13C8-FOSA	13C8-FOSA	%							84 ^f	
d3-MeFOSA	D3-NMEFOSA	%							66 ^f	
d5-EtFOSA	D5-NETFOSA	%							58 ^f	
d3-MeFOSAA	D3-NMEFOSAA	%							82 ^f	
d5-EtFOSAA	D5-NETFOSAA	%							82 ^f	
d7-MeFOSE	D7-NMEFOSE	%							63 ^f	
d9-EtFOSE	D9-NETFOSE	%							63 ^f	
13C2-4:2FTS	13C2-4:2FTS	%							150 ^f	
13C2-6:2FTS	13C2-6:2FTS	%							140 ^f	
13C2-8:2FTS	13C2-8:2FTS	%							110 ^f	
13C3-HFPO-DA	13C3-HFPO-DA	%							93 ^f	
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg						ND		
4-Chloro-3-methyl phenol	59-50-7	mg/kg						ND		
2,4-Dichlorophenol	120-83-2	mg/kg						ND		
2,4-Dimethylphenol	105-67-9	mg/kg						ND		
2,4-Dinitrophenol	51-28-5	mg/kg						ND ^a		
4,6-Dinitro-o-cresol	534-52-1	mg/kg						ND ^a		
2-Methylphenol	95-48-7	mg/kg			100	0.33		ND		
3&4-Methylphenol	M+P-CRESOLS	mg/kg						ND		
2-Nitrophenol	88-75-5	mg/kg						ND ^a		
4-Nitrophenol	100-02-7	mg/kg						ND		
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8		ND ^g		
Phenol	108-95-2	mg/kg			100	0.33		ND		
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg						ND		
2,4,5-Trichlorophenol	95-95-4	mg/kg						ND		
2,4,6-Trichlorophenol	88-06-2	mg/kg						ND		
Acenaphthene	83-32-9	mg/kg			100	20		ND		
Acenaphthylene	208-96-8	mg/kg			100	100		ND		
Acetophenone	98-86-2	mg/kg						ND		
Anthracene	120-12-7	mg/kg			100	100		ND		
Atrazine	1912-24-9	mg/kg						ND ^a		
Benzo(a)anthracene	56-55-3	mg/kg			1	1		0.0138 J		
Benzo(a)pyrene	50-32-8	mg/kg			1	1		ND		
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1		0.0202 J		
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100		ND		
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8		ND		
4-Bromophenyl phenyl ether	101-55-3	mg/kg						ND		
Butyl benzyl phthalate	85-68-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (14.5-15)	SB12 (18-18.5)	SB12 (18-18.5)	SB12 (18-18.5)
Lab Sample ID:							JD58609-3B	JD58609-4	JD58609-4A	JD58609-4B
Location:										
Date Sampled:							1/11/2023 2:45 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg						ND		
Benzaldehyde	100-52-7	mg/kg						ND		
2-Chloronaphthalene	91-58-7	mg/kg						ND		
4-Chloroaniline	106-47-8	mg/kg						ND		
Carbazole	86-74-8	mg/kg						ND		
Caprolactam	105-60-2	mg/kg						ND ^a		
Chrysene	218-01-9	mg/kg			3.9	1		ND		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						ND		
bis(2-Chloroethyl)ether	111-44-4	mg/kg						ND		
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg						ND		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						ND		
2,4-Dinitrotoluene	121-14-2	mg/kg						ND ^a		
2,6-Dinitrotoluene	606-20-2	mg/kg						ND ^a		
3,3'-Dichlorobenzidine	91-94-1	mg/kg						ND ^a		
1,4-Dioxane	123-91-1	mg/kg			13	0.1		ND		
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33		ND ^a		
Dibenzofuran	132-64-9	mg/kg			59	7		ND		
Di-n-butyl phthalate	84-74-2	mg/kg						ND		
Di-n-octyl phthalate	117-84-0	mg/kg						ND		
Diethyl phthalate	84-66-2	mg/kg						ND		
Dimethyl phthalate	131-11-3	mg/kg						ND		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						ND		
Fluoranthene	206-44-0	mg/kg			100	100		ND		
Fluorene	86-73-7	mg/kg			100	30		ND		
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33		ND		
Hexachlorobutadiene	87-68-3	mg/kg						ND		
Hexachlorocyclopentadiene	77-47-4	mg/kg						ND ^g		
Hexachloroethane	67-72-1	mg/kg						ND		
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5		ND		
Isophorone	78-59-1	mg/kg						ND		
2-Methylnaphthalene	91-57-6	mg/kg						ND		
2-Nitroaniline	88-74-4	mg/kg						ND ^a		
3-Nitroaniline	99-09-2	mg/kg						ND ^a		
4-Nitroaniline	100-01-6	mg/kg						ND ^a		
Naphthalene	91-20-3	mg/kg			100	12		ND		
Nitrobenzene	98-95-3	mg/kg			15			ND		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg						ND		
N-Nitrosodiphenylamine	86-30-6	mg/kg						ND		
Phenanthrene	85-01-8	mg/kg			100	100		ND		
Pyrene	129-00-0	mg/kg			100	100		0.0145 J		
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg						ND		
2-Fluorophenol	367-12-4	%						60		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (14.5-15)	SB12 (18-18.5)	SB12 (18-18.5)	SB12 (18-18.5)
Lab Sample ID:							JD58609-3B	JD58609-4	JD58609-4A	JD58609-4B
Location:										
Date Sampled:							1/11/2023 2:45 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%						66		
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%						91		
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%						72		
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%						72		
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%						72		
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05		ND		
Benzene	71-43-2	mg/kg			4.8	0.06		ND		
Bromochloromethane	74-97-5	mg/kg						ND		
Bromodichloromethane	75-27-4	mg/kg						ND		
Bromoform	75-25-2	mg/kg						ND		
Bromomethane	74-83-9	mg/kg						ND °		
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12		ND		
Carbon disulfide	75-15-0	mg/kg						ND		
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76		ND		
Chlorobenzene	108-90-7	mg/kg			100	1.1		ND		
Chloroethane	75-00-3	mg/kg						ND		
Chloroform	67-66-3	mg/kg			49	0.37		ND		
Chloromethane	74-87-3	mg/kg						ND		
Cyclohexane	110-82-7	mg/kg						ND		
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg						ND		
Dibromochloromethane	124-48-1	mg/kg						ND		
1,2-Dibromoethane	106-93-4	mg/kg						ND		
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1		ND		
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4		ND		
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8		ND		
Dichlorodifluoromethane	75-71-8	mg/kg						ND °		
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27		ND		
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02		ND		
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33		ND		
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25		ND		
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19		ND		
1,2-Dichloropropane	78-87-5	mg/kg						ND		
cis-1,3-Dichloropropene	10061-01-5	mg/kg						ND		
trans-1,3-Dichloropropene	10061-02-6	mg/kg						ND		
Ethylbenzene	100-41-4	mg/kg			41	1		ND		
Freon 113	76-13-1	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (14.5-15)	SB12 (18-18.5)	SB12 (18-18.5)	SB12 (18-18.5)
Lab Sample ID:							JD58609-3B	JD58609-4	JD58609-4A	JD58609-4B
Location:										
Date Sampled:							1/11/2023 2:45 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg						ND		
Isopropylbenzene	98-82-8	mg/kg						ND		
Methyl Acetate	79-20-9	mg/kg						ND		
Methylcyclohexane	108-87-2	mg/kg						ND		
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93		ND		
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg						ND		
Methylene chloride	75-09-2	mg/kg			100	0.05		ND		
Styrene	100-42-5	mg/kg						ND		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						ND		
Tetrachloroethene	127-18-4	mg/kg			19	1.3		ND		
Toluene	108-88-3	mg/kg			100	0.7		ND		
1,2,3-Trichlorobenzene	87-61-6	mg/kg						ND		
1,2,4-Trichlorobenzene	120-82-1	mg/kg						ND		
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68		ND		
1,1,2-Trichloroethane	79-00-5	mg/kg						ND		
Trichloroethene	79-01-6	mg/kg			21	0.47		ND		
Trichlorofluoromethane	75-69-4	mg/kg						ND		
Vinyl chloride	75-01-4	mg/kg			0.9	0.02		ND		
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26		ND		
o-Xylene	95-47-6	mg/kg			100	0.26		ND		
Xylene (total)	1330-20-7	mg/kg			100	0.26		ND		
Dibromofluoromethane	1868-53-7	%						96		
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%						102		
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%						99		
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%						97		
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB12 (14.5-15)	SB12 (18-18.5)	SB12 (18-18.5)	SB12 (18-18.5)
Lab Sample ID:							JD58609-3B	JD58609-4	JD58609-4A	JD58609-4B
Location:										
Date Sampled:							1/11/2023 2:45 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM	1/11/2023 2:50 PM
Matrix:			Soil	Soil	Soil	Soil				
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005			ND ^a	
alpha-BHC	319-84-6	mg/kg			0.48	0.02			ND ^a	
beta-BHC	319-85-7	mg/kg			0.36	0.036			ND ^a	
delta-BHC	319-86-8	mg/kg			100	0.04			ND ^a	
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1			ND ^a	
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094			ND ^a	
gamma-Chlordane	5103-74-2	mg/kg							ND ^a	
Dieldrin	60-57-1	mg/kg			0.2	0.005			ND ^a	
4,4'-DDD	72-54-8	mg/kg			13	0.0033			ND ^a	
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033			ND ^a	
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033			ND ^a	
Endrin	72-20-8	mg/kg			11	0.014			ND ^a	
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4			ND ^a	
Endrin aldehyde	7421-93-4	mg/kg							ND ^a	
Endrin ketone	53494-70-5	mg/kg							ND ^a	
Endosulfan-I	959-98-8	mg/kg			24	2.4			ND ^a	
Endosulfan-II	33213-65-9	mg/kg			24	2.4			ND ^a	
Heptachlor	76-44-8	mg/kg			2.1	0.042			ND ^a	
Heptachlor epoxide	1024-57-3	mg/kg							ND ^a	
Methoxychlor	72-43-5	mg/kg							ND	
Toxaphene	8001-35-2	mg/kg							ND	
Tetrachloro-m-xylene	877-09-8	%							113 ^e	
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%							105 ^d	
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1	ND			ND
Aroclor 1221	11104-28-2	mg/kg			1	0.1	ND			ND
Aroclor 1232	11141-16-5	mg/kg			1	0.1	ND			ND
Aroclor 1242	53469-21-9	mg/kg			1	0.1	ND			ND
Aroclor 1248	12672-29-6	mg/kg			1	0.1	ND			ND
Aroclor 1254	11097-69-1	mg/kg			1	0.1	ND			0.0345 J
Aroclor 1260	11096-82-5	mg/kg			1	0.1	ND			ND
Aroclor 1268	11100-14-4	mg/kg			1	0.1	ND			ND
Aroclor 1262	37324-23-5	mg/kg			1	0.1	ND			ND
Tetrachloro-m-xylene	877-09-8	%					67			84
Tetrachloro-m-xylene (1)	877-09-8	%					41			87
Decachlorobiphenyl	2051-24-3	%					72			72

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%					80			76
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%					92.6			85.7
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27	<0.27			<0.30
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg					9630			10300
Antimony	7440-36-0	mg/kg					<2.2			<2.2
Arsenic	7440-38-2	mg/kg			16	13	3.5			<2.2
Barium	7440-39-3	mg/kg			400	350	125			80.4
Beryllium	7440-41-7	mg/kg			72	7.2	0.36			0.36
Cadmium	7440-43-9	mg/kg			4.3	2.5	<0.56			<0.56
Calcium	7440-70-2	mg/kg					23200			9890
Chromium	7440-47-3	mg/kg					15.2			16.3
Cobalt	7440-48-4	mg/kg					7.2			8.5
Copper	7440-50-8	mg/kg			270	50	47.2			38.9
Iron	7439-89-6	mg/kg					16300			18000
Lead	7439-92-1	mg/kg			400	63	156			48.6
Magnesium	7439-95-4	mg/kg					5610			6720
Manganese	7439-96-5	mg/kg			2000	1600	204			217
Nickel	7440-02-0	mg/kg			310	30	11.8			16
Potassium	7440-09-7	mg/kg					1410			1980
Selenium	7782-49-2	mg/kg			180	3.9	<2.2			<2.2
Silver	7440-22-4	mg/kg			180	2	<0.56			<0.56
Sodium	7440-23-5	mg/kg					<1100			<1100
Thallium	7440-28-0	mg/kg					<1.1			<1.1
Vanadium	7440-62-2	mg/kg					32.2			39.1
Zinc	7440-66-6	mg/kg			10000	109	128			59.5
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18	0.18			0.072
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg						ND		
Perfluoropentanoic acid	2706-90-3	mg/kg						ND		
Perfluorohexanoic acid	307-24-4	mg/kg						ND		
Perfluoroheptanoic acid	375-85-9	mg/kg						ND		
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066		ND		
Perfluorononanoic acid	375-95-1	mg/kg						ND		
Perfluorodecanoic acid	335-76-2	mg/kg						ND		
Perfluoroundecanoic acid	2058-94-8	mg/kg						ND		
Perfluorododecanoic acid	307-55-1	mg/kg						ND		
Perfluorotridecanoic acid	72629-94-8	mg/kg						ND		
Perfluorotetradecanoic acid	376-06-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg						ND		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg						ND		
Perfluorohexanesulfonic acid	355-46-4	mg/kg						ND		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg						ND		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088		ND		
Perfluorononanesulfonic acid	68259-12-1	mg/kg						ND		
Perfluorodecanesulfonic acid	335-77-3	mg/kg						ND		
Perfluorododecanesulfonic acid	79780-39-5	mg/kg						ND		
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg						ND		
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg						ND		
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg						ND		
PFOSA	754-91-6	mg/kg						ND		
MeFOSA	31506-32-8	mg/kg						ND		
EtFOSA	4151-50-2	mg/kg						ND		
MeFOSAA	2355-31-9	mg/kg						ND		
EtFOSAA	2991-50-6	mg/kg						ND		
MeFOSE	24448-09-7	mg/kg						ND		
EtFOSE	1691-99-2	mg/kg						ND		
HFPO-DA (GenX)	13252-13-6	mg/kg						ND		
ADONA	919005-14-4	mg/kg						ND		
PFMPA	377-73-1	mg/kg						ND		
PFMBA	863090-89-5	mg/kg						ND		
NFDHA	151772-58-6	mg/kg						ND		
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg						ND		
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg						ND		
PFEESA	113507-82-7	mg/kg						ND		
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg						ND		
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg						ND		
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg						ND		
13C4-PFBA	13C4-PFBA	%						82 ^f		
13C5-PFPeA	13C5-PFPEA	%						87 ^f		
13C5-PFHxA	13C5-PFHXA	%						88 ^f		
13C4-PFHpA	13C4-PFHPA	%						85 ^f		
13C8-PFOA	13C8-PFOA	%						84 ^f		
13C9-PFNA	13C9-PFNA	%						90 ^f		
13C6-PFDA	13C6-PFDA	%						89 ^f		
13C7-PFUnDA	13C7-PFUNDA	%						89 ^f		
13C2-PFDoDA	13C2-PFDODA	%						77 ^f		
13C2-PFTeDA	13C2-PFTEDA	%						51 ^f		
13C3-PFBS	13C3-PFBS	%						86 ^f		
13C3-PFHxS	13C3-PFHXS	%						84 ^f		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%						87 ^f		
13C8-FOSA	13C8-FOSA	%						89 ^f		
d3-MeFOSA	D3-NMEFOSA	%						78 ^f		
d5-EtFOSA	D5-NETFOSA	%						72 ^f		
d3-MeFOSAA	D3-NMEFOSAA	%						87 ^f		
d5-EtFOSAA	D5-NETFOSAA	%						85 ^f		
d7-MeFOSE	D7-NMEFOSE	%						74 ^f		
d9-EtFOSE	D9-NETFOSE	%						71 ^f		
13C2-4:2FTS	13C2-4:2FTS	%						120 ^f		
13C2-6:2FTS	13C2-6:2FTS	%						110 ^f		
13C2-8:2FTS	13C2-8:2FTS	%						95 ^f		
13C3-HFPO-DA	13C3-HFPO-DA	%						88 ^f		
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg					ND			ND
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND			ND
2,4-Dichlorophenol	120-83-2	mg/kg					ND			ND
2,4-Dimethylphenol	105-67-9	mg/kg					ND			ND
2,4-Dinitrophenol	51-28-5	mg/kg					ND ^a			ND ^a
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND ^a			ND ^a
2-Methylphenol	95-48-7	mg/kg			100	0.33	ND			ND
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND			ND
2-Nitrophenol	88-75-5	mg/kg					ND ^a			ND ^a
4-Nitrophenol	100-02-7	mg/kg					ND			ND
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8	ND ^g			ND ^g
Phenol	108-95-2	mg/kg			100	0.33	ND			ND
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND			ND
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND			ND
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND			ND
Acenaphthene	83-32-9	mg/kg			100	20	0.0226 J			0.0148 J
Acenaphthylene	208-96-8	mg/kg			100	100	0.0573			0.0352 J
Acetophenone	98-86-2	mg/kg					ND			ND
Anthracene	120-12-7	mg/kg			100	100	0.0953			0.0504
Atrazine	1912-24-9	mg/kg					ND ^a			ND
Benzo(a)anthracene	56-55-3	mg/kg			1	1	0.333			0.19
Benzo(a)pyrene	50-32-8	mg/kg			1	1	0.419			0.225
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1	0.453			0.231
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100	0.285			0.17 ^b
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8	0.178			0.0975
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND			ND
Butyl benzyl phthalate	85-68-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg					0.0106 J			0.0063 J
Benzaldehyde	100-52-7	mg/kg					ND			ND
2-Chloronaphthalene	91-58-7	mg/kg					ND			ND
4-Chloroaniline	106-47-8	mg/kg					ND			ND
Carbazole	86-74-8	mg/kg					0.0377 J			0.0222 J
Caprolactam	105-60-2	mg/kg					ND ^a			ND ^a
Chrysene	218-01-9	mg/kg			3.9	1	0.36			0.204
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND			ND
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND			ND
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND			ND
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND			ND
2,4-Dinitrotoluene	121-14-2	mg/kg					ND ^a			ND ^a
2,6-Dinitrotoluene	606-20-2	mg/kg					ND ^a			ND ^a
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND ^a			ND ^a
1,4-Dioxane	123-91-1	mg/kg			13	0.1	ND			ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33	0.0843 ^b			0.0538 ^b
Dibenzofuran	132-64-9	mg/kg			59	7	0.0227 J			0.0161 J
Di-n-butyl phthalate	84-74-2	mg/kg					ND			0.0104 J
Di-n-octyl phthalate	117-84-0	mg/kg					ND			ND
Diethyl phthalate	84-66-2	mg/kg					ND			ND
Dimethyl phthalate	131-11-3	mg/kg					ND			ND
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					ND			0.0146 J
Fluoranthene	206-44-0	mg/kg			100	100	0.646			0.35
Fluorene	86-73-7	mg/kg			100	30	0.0346 J			ND
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33	ND			ND
Hexachlorobutadiene	87-68-3	mg/kg					ND			ND
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND ^g			ND ^g
Hexachloroethane	67-72-1	mg/kg					ND			ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5	0.352			0.201 ^b
Isophorone	78-59-1	mg/kg					ND			ND
2-Methylnaphthalene	91-57-6	mg/kg					0.0227 J			0.0407
2-Nitroaniline	88-74-4	mg/kg					ND ^a			ND ^a
3-Nitroaniline	99-09-2	mg/kg					ND ^a			ND ^a
4-Nitroaniline	100-01-6	mg/kg					ND ^a			ND ^a
Naphthalene	91-20-3	mg/kg			100	12	0.0224 J			0.0274 J
Nitrobenzene	98-95-3	mg/kg			15		ND			ND
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND			ND
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND			ND
Phenanthrene	85-01-8	mg/kg			100	100	0.273			0.166
Pyrene	129-00-0	mg/kg			100	100	0.561			0.38
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND			ND
2-Fluorophenol	367-12-4	%					53			61

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%					65			66
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%					63			89
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%					80			78
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%					82			78
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%					74			74
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05	0.0423			0.0191
Benzene	71-43-2	mg/kg			4.8	0.06	ND			ND
Bromochloromethane	74-97-5	mg/kg					ND			ND
Bromodichloromethane	75-27-4	mg/kg					ND			ND
Bromoform	75-25-2	mg/kg					ND			ND
Bromomethane	74-83-9	mg/kg					ND ^c			ND ^c
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12	0.0052 J			ND
Carbon disulfide	75-15-0	mg/kg					0.00053 J			ND
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76	ND			ND
Chlorobenzene	108-90-7	mg/kg			100	1.1	ND			ND
Chloroethane	75-00-3	mg/kg					ND			ND
Chloroform	67-66-3	mg/kg			49	0.37	ND			ND
Chloromethane	74-87-3	mg/kg					ND			ND
Cyclohexane	110-82-7	mg/kg					ND			ND
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND			ND
Dibromochloromethane	124-48-1	mg/kg					ND			ND
1,2-Dibromoethane	106-93-4	mg/kg					ND			ND
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1	ND			ND
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4	ND			ND
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8	ND			ND
Dichlorodifluoromethane	75-71-8	mg/kg					ND ^c			ND ^c
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27	ND			ND
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02	ND			ND
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33	ND			ND
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25	ND			ND
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19	ND			ND
1,2-Dichloropropane	78-87-5	mg/kg					ND			ND
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND			ND
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND			ND
Ethylbenzene	100-41-4	mg/kg			41	1	ND			ND
Freon 113	76-13-1	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg					ND			ND
Isopropylbenzene	98-82-8	mg/kg					ND			ND
Methyl Acetate	79-20-9	mg/kg					ND			ND
Methylcyclohexane	108-87-2	mg/kg					ND			ND
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93	ND			ND
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg					ND			ND
Methylene chloride	75-09-2	mg/kg			100	0.05	ND			ND
Styrene	100-42-5	mg/kg					ND			ND
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND			ND
Tetrachloroethene	127-18-4	mg/kg			19	1.3	ND			ND
Toluene	108-88-3	mg/kg			100	0.7	ND			ND
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND			ND
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND			ND
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68	ND			ND
1,1,2-Trichloroethane	79-00-5	mg/kg					ND			ND
Trichloroethene	79-01-6	mg/kg			21	0.47	ND			ND
Trichlorofluoromethane	75-69-4	mg/kg					ND			ND
Vinyl chloride	75-01-4	mg/kg			0.9	0.02	ND			ND
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26	ND			ND
o-Xylene	95-47-6	mg/kg			100	0.26	ND			ND
Xylene (total)	1330-20-7	mg/kg			100	0.26	ND			ND
Dibromofluoromethane	1868-53-7	%					98			99
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%					106			107
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%					99			98
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%					101			98
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (4-4.5)	SB6 (4-4.5)	SB6 (4-4.5)	SB6 (7-7.5)
Lab Sample ID:							JD58609-5	JD58609-5A	JD58609-5B	JD58609-6
Location:										
Date Sampled:							1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:15 PM	1/11/2023 1:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS

SGS Engage - Group Crosstab

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:			Soil	Soil	Soil	Soil				
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005		ND ^a		
alpha-BHC	319-84-6	mg/kg			0.48	0.02		ND ^a		
beta-BHC	319-85-7	mg/kg			0.36	0.036		ND ^a		
delta-BHC	319-86-8	mg/kg			100	0.04		ND ^a		
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1		ND ^a		
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094		ND ^a		
gamma-Chlordane	5103-74-2	mg/kg						ND ^a		
Dieldrin	60-57-1	mg/kg			0.2	0.005		ND ^a		
4,4'-DDD	72-54-8	mg/kg			13	0.0033		ND ^a		
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033		ND ^a		
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033		ND ^a		
Endrin	72-20-8	mg/kg			11	0.014		ND ^a		
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4		ND ^a		
Endrin aldehyde	7421-93-4	mg/kg						ND ^a		
Endrin ketone	53494-70-5	mg/kg						ND ^a		
Endosulfan-I	959-98-8	mg/kg			24	2.4		ND ^a		
Endosulfan-II	33213-65-9	mg/kg			24	2.4		ND ^a		
Heptachlor	76-44-8	mg/kg			2.1	0.042		ND ^a		
Heptachlor epoxide	1024-57-3	mg/kg						ND ^a		
Methoxychlor	72-43-5	mg/kg						ND		
Toxaphene	8001-35-2	mg/kg						ND		
Tetrachloro-m-xylene	877-09-8	%						IND * ^t		
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%						IND * ^s		
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1			ND	
Aroclor 1221	11104-28-2	mg/kg			1	0.1			ND	
Aroclor 1232	11141-16-5	mg/kg			1	0.1			ND	
Aroclor 1242	53469-21-9	mg/kg			1	0.1			ND	
Aroclor 1248	12672-29-6	mg/kg			1	0.1			ND	
Aroclor 1254	11097-69-1	mg/kg			1	0.1			ND	
Aroclor 1260	11096-82-5	mg/kg			1	0.1			ND	
Aroclor 1268	11100-14-4	mg/kg			1	0.1			ND	
Aroclor 1262	37324-23-5	mg/kg			1	0.1			ND	
Tetrachloro-m-xylene	877-09-8	%							50	
Tetrachloro-m-xylene (1)	877-09-8	%							28	
Decachlorobiphenyl	2051-24-3	%							50	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%							48	
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%							85.3	
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27			<0.32	
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg							7120	
Antimony	7440-36-0	mg/kg							<2.3	
Arsenic	7440-38-2	mg/kg			16	13			<2.3	
Barium	7440-39-3	mg/kg			400	350			59.5	
Beryllium	7440-41-7	mg/kg			72	7.2			0.41	
Cadmium	7440-43-9	mg/kg			4.3	2.5			<0.57	
Calcium	7440-70-2	mg/kg							2060	
Chromium	7440-47-3	mg/kg							13.3	
Cobalt	7440-48-4	mg/kg							<5.7	
Copper	7440-50-8	mg/kg			270	50			17.1	
Iron	7439-89-6	mg/kg							11000	
Lead	7439-92-1	mg/kg			400	63			22.7	
Magnesium	7439-95-4	mg/kg							3100	
Manganese	7439-96-5	mg/kg			2000	1600			206	
Nickel	7440-02-0	mg/kg			310	30			11.1	
Potassium	7440-09-7	mg/kg							2170	
Selenium	7782-49-2	mg/kg			180	3.9			<2.3	
Silver	7440-22-4	mg/kg			180	2			<0.57	
Sodium	7440-23-5	mg/kg							<1100	
Thallium	7440-28-0	mg/kg							<1.1	
Vanadium	7440-62-2	mg/kg							17.1	
Zinc	7440-66-6	mg/kg			10000	109			38.6	
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18			<0.032	
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg					ND			ND
Perfluoropentanoic acid	2706-90-3	mg/kg					ND			ND
Perfluorohexanoic acid	307-24-4	mg/kg					ND			ND
Perfluoroheptanoic acid	375-85-9	mg/kg					ND			ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066	ND			ND
Perfluorononanoic acid	375-95-1	mg/kg					ND			ND
Perfluorodecanoic acid	335-76-2	mg/kg					ND			ND
Perfluoroundecanoic acid	2058-94-8	mg/kg					ND			ND
Perfluorododecanoic acid	307-55-1	mg/kg					ND			ND
Perfluorotridecanoic acid	72629-94-8	mg/kg					ND			ND
Perfluorotetradecanoic acid	376-06-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg					ND			ND
Perfluoropentanesulfonic acid	2706-91-4	mg/kg					ND			ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg					ND			ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg					ND			ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088	ND			ND
Perfluorononanesulfonic acid	68259-12-1	mg/kg					ND			ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg					ND			ND
Perfluorododecanesulfonic acid	79780-39-5	mg/kg					ND			ND
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg					ND			ND
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg					ND			ND
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg					ND			ND
PFOSA	754-91-6	mg/kg					ND			ND
MeFOSA	31506-32-8	mg/kg					ND			ND
EtFOSA	4151-50-2	mg/kg					ND			ND
MeFOSAA	2355-31-9	mg/kg					ND			ND
EtFOSAA	2991-50-6	mg/kg					ND			ND
MeFOSE	24448-09-7	mg/kg					ND			ND
EtFOSE	1691-99-2	mg/kg					ND			ND
HFPO-DA (GenX)	13252-13-6	mg/kg					ND			ND
ADONA	919005-14-4	mg/kg					ND			ND
PFMPA	377-73-1	mg/kg					ND			ND
PFMBA	863090-89-5	mg/kg					ND			ND
NFDHA	151772-58-6	mg/kg					ND			ND
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg					ND			ND
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg					ND			ND
PFEESA	113507-82-7	mg/kg					ND			ND
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg					ND			ND
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg					ND			ND
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg					ND			ND
13C4-PFBA	13C4-PFBA	%					89 ^f			88 ^f
13C5-PFPeA	13C5-PFPEA	%					97 ^f			94 ^f
13C5-PFHxA	13C5-PFHXA	%					96 ^f			91 ^f
13C4-PFHpA	13C4-PFHPA	%					94 ^f			92 ^f
13C8-PFOA	13C8-PFOA	%					90 ^f			95 ^f
13C9-PFNA	13C9-PFNA	%					95 ^f			94 ^f
13C6-PFDA	13C6-PFDA	%					100 ^f			100 ^f
13C7-PFUnDA	13C7-PFUNDA	%					98 ^f			94 ^f
13C2-PFDoDA	13C2-PFDODA	%					83 ^f			90 ^f
13C2-PFTeDA	13C2-PFTEDA	%					56 ^f			67 ^f
13C3-PFBS	13C3-PFBS	%					85 ^f			99 ^f
13C3-PFHxS	13C3-PFHXS	%					86 ^f			91 ^f

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%					92 ^f			91 ^f
13C8-FOSA	13C8-FOSA	%					89 ^f			87 ^f
d3-MeFOSA	D3-NMEFOSA	%					65 ^f			63 ^f
d5-EtFOSA	D5-NETFOSA	%					58 ^f			70 ^f
d3-MeFOSAA	D3-NMEFOSAA	%					91 ^f			80 ^f
d5-EtFOSAA	D5-NETFOSAA	%					100 ^f			84 ^f
d7-MeFOSE	D7-NMEFOSE	%					76 ^f			81 ^f
d9-EtFOSE	D9-NETFOSE	%					79 ^f			82 ^f
13C2-4:2FTS	13C2-4:2FTS	%					140 ^f			130 ^f
13C2-6:2FTS	13C2-6:2FTS	%					120 ^f			120 ^f
13C2-8:2FTS	13C2-8:2FTS	%					99 ^f			110 ^f
13C3-HFPO-DA	13C3-HFPO-DA	%					94 ^f			91 ^f
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg							ND	
4-Chloro-3-methyl phenol	59-50-7	mg/kg							ND	
2,4-Dichlorophenol	120-83-2	mg/kg							ND	
2,4-Dimethylphenol	105-67-9	mg/kg							ND	
2,4-Dinitrophenol	51-28-5	mg/kg							ND ^a	
4,6-Dinitro-o-cresol	534-52-1	mg/kg							ND ^a	
2-Methylphenol	95-48-7	mg/kg			100	0.33			ND	
3&4-Methylphenol	M+P-CRESOLS	mg/kg							ND	
2-Nitrophenol	88-75-5	mg/kg							ND ^a	
4-Nitrophenol	100-02-7	mg/kg							ND	
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8			ND ^g	
Phenol	108-95-2	mg/kg			100	0.33			ND	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg							ND	
2,4,5-Trichlorophenol	95-95-4	mg/kg							ND	
2,4,6-Trichlorophenol	88-06-2	mg/kg							ND	
Acenaphthene	83-32-9	mg/kg			100	20			ND	
Acenaphthylene	208-96-8	mg/kg			100	100			ND	
Acetophenone	98-86-2	mg/kg							ND	
Anthracene	120-12-7	mg/kg			100	100			ND	
Atrazine	1912-24-9	mg/kg							ND ^a	
Benzo(a)anthracene	56-55-3	mg/kg			1	1			0.0491	
Benzo(a)pyrene	50-32-8	mg/kg			1	1			0.051	
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1			0.0539	
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100			0.0354 J	
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8			0.0215 J	
4-Bromophenyl phenyl ether	101-55-3	mg/kg							ND	
Butyl benzyl phthalate	85-68-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg							ND	
Benzaldehyde	100-52-7	mg/kg							ND	
2-Chloronaphthalene	91-58-7	mg/kg							ND	
4-Chloroaniline	106-47-8	mg/kg							ND	
Carbazole	86-74-8	mg/kg							ND	
Caprolactam	105-60-2	mg/kg							ND ^a	
Chrysene	218-01-9	mg/kg			3.9	1			0.0533	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							ND	
bis(2-Chloroethyl)ether	111-44-4	mg/kg							ND	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg							ND	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							ND	
2,4-Dinitrotoluene	121-14-2	mg/kg							ND ^a	
2,6-Dinitrotoluene	606-20-2	mg/kg							ND ^a	
3,3'-Dichlorobenzidine	91-94-1	mg/kg							ND ^a	
1,4-Dioxane	123-91-1	mg/kg			13	0.1			ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33			ND ^a	
Dibenzofuran	132-64-9	mg/kg			59	7			ND	
Di-n-butyl phthalate	84-74-2	mg/kg							ND	
Di-n-octyl phthalate	117-84-0	mg/kg							ND	
Diethyl phthalate	84-66-2	mg/kg							ND	
Dimethyl phthalate	131-11-3	mg/kg							ND	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							ND	
Fluoranthene	206-44-0	mg/kg			100	100			0.107	
Fluorene	86-73-7	mg/kg			100	30			ND	
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33			ND	
Hexachlorobutadiene	87-68-3	mg/kg							ND	
Hexachlorocyclopentadiene	77-47-4	mg/kg							ND ^g	
Hexachloroethane	67-72-1	mg/kg							ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5			0.0408	
Isophorone	78-59-1	mg/kg							ND	
2-Methylnaphthalene	91-57-6	mg/kg							ND	
2-Nitroaniline	88-74-4	mg/kg							ND ^a	
3-Nitroaniline	99-09-2	mg/kg							ND ^a	
4-Nitroaniline	100-01-6	mg/kg							ND ^a	
Naphthalene	91-20-3	mg/kg			100	12			ND	
Nitrobenzene	98-95-3	mg/kg			15				ND	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg							ND	
N-Nitrosodiphenylamine	86-30-6	mg/kg							ND	
Phenanthrene	85-01-8	mg/kg			100	100			ND	
Pyrene	129-00-0	mg/kg			100	100			0.13	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg							ND	
2-Fluorophenol	367-12-4	%							59	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%							64	
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%							83	
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%							75	
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%							73	
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%							69	
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05			0.0283	
Benzene	71-43-2	mg/kg			4.8	0.06			ND	
Bromochloromethane	74-97-5	mg/kg							ND	
Bromodichloromethane	75-27-4	mg/kg							ND	
Bromoform	75-25-2	mg/kg							ND	
Bromomethane	74-83-9	mg/kg							ND	
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12			0.0029 J	
Carbon disulfide	75-15-0	mg/kg							ND ^c	
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76			ND	
Chlorobenzene	108-90-7	mg/kg			100	1.1			ND	
Chloroethane	75-00-3	mg/kg							ND	
Chloroform	67-66-3	mg/kg			49	0.37			ND	
Chloromethane	74-87-3	mg/kg							ND	
Cyclohexane	110-82-7	mg/kg							ND	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg							ND	
Dibromochloromethane	124-48-1	mg/kg							ND	
1,2-Dibromoethane	106-93-4	mg/kg							ND	
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1			ND	
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4			ND	
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8			ND	
Dichlorodifluoromethane	75-71-8	mg/kg							ND	
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27			ND	
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02			ND	
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33			ND	
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25			ND	
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19			ND	
1,2-Dichloropropane	78-87-5	mg/kg							ND	
cis-1,3-Dichloropropene	10061-01-5	mg/kg							ND	
trans-1,3-Dichloropropene	10061-02-6	mg/kg							ND	
Ethylbenzene	100-41-4	mg/kg			41	1			ND	
Freon 113	76-13-1	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg							ND	
Isopropylbenzene	98-82-8	mg/kg							ND	
Methyl Acetate	79-20-9	mg/kg							ND	
Methylcyclohexane	108-87-2	mg/kg							ND	
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93			ND	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg							ND	
Methylene chloride	75-09-2	mg/kg			100	0.05			ND	
Styrene	100-42-5	mg/kg							ND	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							ND	
Tetrachloroethene	127-18-4	mg/kg			19	1.3			ND	
Toluene	108-88-3	mg/kg			100	0.7			ND	
1,2,3-Trichlorobenzene	87-61-6	mg/kg							ND	
1,2,4-Trichlorobenzene	120-82-1	mg/kg							ND	
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68			ND	
1,1,2-Trichloroethane	79-00-5	mg/kg							ND	
Trichloroethene	79-01-6	mg/kg			21	0.47			ND	
Trichlorofluoromethane	75-69-4	mg/kg							ND	
Vinyl chloride	75-01-4	mg/kg			0.9	0.02			ND	
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26			ND	
o-Xylene	95-47-6	mg/kg			100	0.26			ND	
Xylene (total)	1330-20-7	mg/kg			100	0.26			ND	
Dibromofluoromethane	1868-53-7	%							102	
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%							111	
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%							98	
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%							98	
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (7-7.5)	SB6 (7-7.5)	SB6 (12.5-13)	SB6 (12.5-13)
Lab Sample ID:							JD58609-6A	JD58609-6B	JD58609-7	JD58609-7A
Location:										
Date Sampled:							1/11/2023 1:20 PM	1/11/2023 1:20 PM	1/11/2023 1:25 PM	1/11/2023 1:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (12.5-13)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (15-15.5)
Lab Sample ID:							JD58609-7B	JD58609-8	JD58609-8A	JD58609-8B
Location:										
Date Sampled:							1/11/2023 1:25 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005	ND ^a			ND ^a
alpha-BHC	319-84-6	mg/kg			0.48	0.02	ND ^a			ND ^a
beta-BHC	319-85-7	mg/kg			0.36	0.036	ND ^a			ND ^a
delta-BHC	319-86-8	mg/kg			100	0.04	ND ^a			ND ^a
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1	ND ^a			ND ^a
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094	ND ^a			ND ^a
gamma-Chlordane	5103-74-2	mg/kg					ND ^a			ND ^a
Dieldrin	60-57-1	mg/kg			0.2	0.005	ND ^a			ND ^a
4,4'-DDD	72-54-8	mg/kg			13	0.0033	ND ^a			ND ^a
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033	ND ^a			ND ^a
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033	ND ^a			ND ^a
Endrin	72-20-8	mg/kg			11	0.014	ND ^a			ND ^a
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4	ND ^a			ND ^a
Endrin aldehyde	7421-93-4	mg/kg					ND ^a			ND ^a
Endrin ketone	53494-70-5	mg/kg					ND ^a			ND ^a
Endosulfan-I	959-98-8	mg/kg			24	2.4	ND ^a			ND ^a
Endosulfan-II	33213-65-9	mg/kg			24	2.4	ND ^a			ND ^a
Heptachlor	76-44-8	mg/kg			2.1	0.042	ND ^a			ND ^a
Heptachlor epoxide	1024-57-3	mg/kg					ND ^a			ND ^a
Methoxychlor	72-43-5	mg/kg					ND			ND
Toxaphene	8001-35-2	mg/kg					ND			ND
Tetrachloro-m-xylene	877-09-8	%					129 * ⁱ			127 * ⁱ
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%					129 ^d			109 ^d
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1		ND		
Aroclor 1221	11104-28-2	mg/kg			1	0.1		ND		
Aroclor 1232	11141-16-5	mg/kg			1	0.1		ND		
Aroclor 1242	53469-21-9	mg/kg			1	0.1		ND		
Aroclor 1248	12672-29-6	mg/kg			1	0.1		ND		
Aroclor 1254	11097-69-1	mg/kg			1	0.1		ND		
Aroclor 1260	11096-82-5	mg/kg			1	0.1		ND		
Aroclor 1268	11100-14-4	mg/kg			1	0.1		ND		
Aroclor 1262	37324-23-5	mg/kg			1	0.1		ND		
Tetrachloro-m-xylene	877-09-8	%						79		
Tetrachloro-m-xylene (1)	877-09-8	%						80		
Decachlorobiphenyl	2051-24-3	%						66		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (12.5-13)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (15-15.5)
Lab Sample ID:							JD58609-7B	JD58609-8	JD58609-8A	JD58609-8B
Location:										
Date Sampled:							1/11/2023 1:25 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%						66		
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%						83.5		
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27		<0.25		
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg						7300		
Antimony	7440-36-0	mg/kg						<2.5		
Arsenic	7440-38-2	mg/kg			16	13		2.5		
Barium	7440-39-3	mg/kg			400	350		46.3		
Beryllium	7440-41-7	mg/kg			72	7.2		0.27		
Cadmium	7440-43-9	mg/kg			4.3	2.5		<0.62		
Calcium	7440-70-2	mg/kg						31200		
Chromium	7440-47-3	mg/kg						17.2		
Cobalt	7440-48-4	mg/kg						7.4		
Copper	7440-50-8	mg/kg			270	50		36.6		
Iron	7439-89-6	mg/kg						14700		
Lead	7439-92-1	mg/kg			400	63		12.9		
Magnesium	7439-95-4	mg/kg						10600		
Manganese	7439-96-5	mg/kg			2000	1600		159		
Nickel	7440-02-0	mg/kg			310	30		12.9		
Potassium	7440-09-7	mg/kg						1970		
Selenium	7782-49-2	mg/kg			180	3.9		<2.5		
Silver	7440-22-4	mg/kg			180	2		<0.62		
Sodium	7440-23-5	mg/kg						<1200		
Thallium	7440-28-0	mg/kg						<1.2		
Vanadium	7440-62-2	mg/kg						26		
Zinc	7440-66-6	mg/kg			10000	109		36.7		
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18		<0.035		
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg							ND	
Perfluoropentanoic acid	2706-90-3	mg/kg							0.00026 J	
Perfluorohexanoic acid	307-24-4	mg/kg							0.0002 J	
Perfluoroheptanoic acid	375-85-9	mg/kg							ND	
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066			0.0002 J	
Perfluorononanoic acid	375-95-1	mg/kg							ND	
Perfluorodecanoic acid	335-76-2	mg/kg							ND	
Perfluoroundecanoic acid	2058-94-8	mg/kg							ND	
Perfluorododecanoic acid	307-55-1	mg/kg							ND	
Perfluorotridecanoic acid	72629-94-8	mg/kg							ND	
Perfluorotetradecanoic acid	376-06-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

[illegible]

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (12.5-13)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (15-15.5)
Lab Sample ID:							JD58609-7B	JD58609-8	JD58609-8A	JD58609-8B
Location:										
Date Sampled:							1/11/2023 1:25 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%							94 ^f	
13C8-FOSA	13C8-FOSA	%							87 ^f	
d3-MeFOSA	D3-NMEFOSA	%							79 ^f	
d5-EtFOSA	D5-NETFOSA	%							69 ^f	
d3-MeFOSAA	D3-NMEFOSAA	%							89 ^f	
d5-EtFOSAA	D5-NETFOSAA	%							86 ^f	
d7-MeFOSE	D7-NMEFOSE	%							82 ^f	
d9-EtFOSE	D9-NETFOS	%							83 ^f	
13C2-4:2FTS	13C2-4:2FTS	%							130 ^f	
13C2-6:2FTS	13C2-6:2FTS	%							120 ^f	
13C2-8:2FTS	13C2-8:2FTS	%							120 ^f	
13C3-HFPO-DA	13C3-HFPO-DA	%							97 ^f	
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg						ND		
4-Chloro-3-methyl phenol	59-50-7	mg/kg						ND		
2,4-Dichlorophenol	120-83-2	mg/kg						ND		
2,4-Dimethylphenol	105-67-9	mg/kg						ND		
2,4-Dinitrophenol	51-28-5	mg/kg						ND ^a		
4,6-Dinitro-o-cresol	534-52-1	mg/kg						ND ^a		
2-Methylphenol	95-48-7	mg/kg			100	0.33		ND		
3&4-Methylphenol	M+P-CRESOLS	mg/kg						ND		
2-Nitrophenol	88-75-5	mg/kg						ND ^a		
4-Nitrophenol	100-02-7	mg/kg						ND		
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8		ND ^g		
Phenol	108-95-2	mg/kg			100	0.33		ND		
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg						ND		
2,4,5-Trichlorophenol	95-95-4	mg/kg						ND		
2,4,6-Trichlorophenol	88-06-2	mg/kg						ND		
Acenaphthene	83-32-9	mg/kg			100	20		ND		
Acenaphthylene	208-96-8	mg/kg			100	100		ND		
Acetophenone	98-86-2	mg/kg						ND		
Anthracene	120-12-7	mg/kg			100	100		ND		
Atrazine	1912-24-9	mg/kg						ND ^a		
Benzo(a)anthracene	56-55-3	mg/kg			1	1		0.0558		
Benzo(a)pyrene	50-32-8	mg/kg			1	1		0.0662		
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1		0.0739		
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100		0.0543		
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8		0.0304 J		
4-Bromophenyl phenyl ether	101-55-3	mg/kg						ND		
Butyl benzyl phthalate	85-68-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (12.5-13)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (15-15.5)
Lab Sample ID:							JD58609-7B	JD58609-8	JD58609-8A	JD58609-8B
Location:										
Date Sampled:							1/11/2023 1:25 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg						ND		
Benzaldehyde	100-52-7	mg/kg						ND		
2-Chloronaphthalene	91-58-7	mg/kg						ND		
4-Chloroaniline	106-47-8	mg/kg						ND		
Carbazole	86-74-8	mg/kg						0.0068 J		
Caprolactam	105-60-2	mg/kg						ND ^a		
Chrysene	218-01-9	mg/kg			3.9	1		0.0601		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						ND		
bis(2-Chloroethyl)ether	111-44-4	mg/kg						ND		
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg						ND		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						ND		
2,4-Dinitrotoluene	121-14-2	mg/kg						ND ^a		
2,6-Dinitrotoluene	606-20-2	mg/kg						ND ^a		
3,3'-Dichlorobenzidine	91-94-1	mg/kg						ND ^a		
1,4-Dioxane	123-91-1	mg/kg			13	0.1		ND		
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33		ND ^a		
Dibenzofuran	132-64-9	mg/kg			59	7		ND		
Di-n-butyl phthalate	84-74-2	mg/kg						ND		
Di-n-octyl phthalate	117-84-0	mg/kg						ND		
Diethyl phthalate	84-66-2	mg/kg						ND		
Dimethyl phthalate	131-11-3	mg/kg						ND		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						ND		
Fluoranthene	206-44-0	mg/kg			100	100		0.102		
Fluorene	86-73-7	mg/kg			100	30		ND		
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33		ND		
Hexachlorobutadiene	87-68-3	mg/kg						ND		
Hexachlorocyclopentadiene	77-47-4	mg/kg						ND ^g		
Hexachloroethane	67-72-1	mg/kg						ND		
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5		0.0624		
Isophorone	78-59-1	mg/kg						ND		
2-Methylnaphthalene	91-57-6	mg/kg						ND		
2-Nitroaniline	88-74-4	mg/kg						ND ^a		
3-Nitroaniline	99-09-2	mg/kg						ND ^a		
4-Nitroaniline	100-01-6	mg/kg						ND ^a		
Naphthalene	91-20-3	mg/kg			100	12		ND		
Nitrobenzene	98-95-3	mg/kg			15			ND		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg						ND		
N-Nitrosodiphenylamine	86-30-6	mg/kg						ND		
Phenanthrene	85-01-8	mg/kg			100	100		0.0568		
Pyrene	129-00-0	mg/kg			100	100		0.104		
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg						ND		
2-Fluorophenol	367-12-4	%						34		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (12.5-13)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (15-15.5)
Lab Sample ID:							JD58609-7B	JD58609-8	JD58609-8A	JD58609-8B
Location:										
Date Sampled:							1/11/2023 1:25 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%						62		
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%						34		
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%						74		
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%						75		
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%						80		
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05		ND		
Benzene	71-43-2	mg/kg			4.8	0.06		ND		
Bromochloromethane	74-97-5	mg/kg						ND		
Bromodichloromethane	75-27-4	mg/kg						ND		
Bromoform	75-25-2	mg/kg						ND		
Bromomethane	74-83-9	mg/kg						ND °		
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12		ND		
Carbon disulfide	75-15-0	mg/kg						ND		
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76		ND		
Chlorobenzene	108-90-7	mg/kg			100	1.1		ND		
Chloroethane	75-00-3	mg/kg						ND		
Chloroform	67-66-3	mg/kg			49	0.37		ND		
Chloromethane	74-87-3	mg/kg						ND		
Cyclohexane	110-82-7	mg/kg						ND		
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg						ND		
Dibromochloromethane	124-48-1	mg/kg						ND		
1,2-Dibromoethane	106-93-4	mg/kg						ND		
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1		ND		
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4		ND		
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8		ND		
Dichlorodifluoromethane	75-71-8	mg/kg						ND °		
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27		ND		
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02		ND		
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33		ND		
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25		ND		
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19		ND		
1,2-Dichloropropane	78-87-5	mg/kg						ND		
cis-1,3-Dichloropropene	10061-01-5	mg/kg						ND		
trans-1,3-Dichloropropene	10061-02-6	mg/kg						ND		
Ethylbenzene	100-41-4	mg/kg			41	1		ND		
Freon 113	76-13-1	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (12.5-13)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (15-15.5)
Lab Sample ID:							JD58609-7B	JD58609-8	JD58609-8A	JD58609-8B
Location:										
Date Sampled:							1/11/2023 1:25 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg						ND		
Isopropylbenzene	98-82-8	mg/kg						ND		
Methyl Acetate	79-20-9	mg/kg						ND		
Methylcyclohexane	108-87-2	mg/kg						ND		
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93		ND		
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg						ND		
Methylene chloride	75-09-2	mg/kg			100	0.05		ND		
Styrene	100-42-5	mg/kg						ND		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						ND		
Tetrachloroethene	127-18-4	mg/kg			19	1.3		ND		
Toluene	108-88-3	mg/kg			100	0.7		ND		
1,2,3-Trichlorobenzene	87-61-6	mg/kg						ND		
1,2,4-Trichlorobenzene	120-82-1	mg/kg						ND		
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68		ND		
1,1,2-Trichloroethane	79-00-5	mg/kg						ND		
Trichloroethene	79-01-6	mg/kg			21	0.47		ND		
Trichlorofluoromethane	75-69-4	mg/kg						ND		
Vinyl chloride	75-01-4	mg/kg			0.9	0.02		ND		
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26		ND		
o-Xylene	95-47-6	mg/kg			100	0.26		ND		
Xylene (total)	1330-20-7	mg/kg			100	0.26		ND		
Dibromofluoromethane	1868-53-7	%						96		
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%						106		
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%						99		
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%						99		
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB6 (12.5-13)	SB6 (15-15.5)	SB6 (15-15.5)	SB6 (15-15.5)
Lab Sample ID:							JD58609-7B	JD58609-8	JD58609-8A	JD58609-8B
Location:										
Date Sampled:							1/11/2023 1:25 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM	1/11/2023 1:30 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005			ND ^a	
alpha-BHC	319-84-6	mg/kg			0.48	0.02			ND ^a	
beta-BHC	319-85-7	mg/kg			0.36	0.036			ND ^a	
delta-BHC	319-86-8	mg/kg			100	0.04			ND ^a	
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1			ND ^a	
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094			ND ^a	
gamma-Chlordane	5103-74-2	mg/kg							ND ^a	
Dieldrin	60-57-1	mg/kg			0.2	0.005			ND ^a	
4,4'-DDD	72-54-8	mg/kg			13	0.0033			ND ^a	
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033			ND ^a	
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033			ND ^a	
Endrin	72-20-8	mg/kg			11	0.014			ND ^a	
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4			ND ^a	
Endrin aldehyde	7421-93-4	mg/kg							ND ^a	
Endrin ketone	53494-70-5	mg/kg							ND ^a	
Endosulfan-I	959-98-8	mg/kg			24	2.4			ND ^a	
Endosulfan-II	33213-65-9	mg/kg			24	2.4			ND ^a	
Heptachlor	76-44-8	mg/kg			2.1	0.042			ND ^a	
Heptachlor epoxide	1024-57-3	mg/kg							ND ^a	
Methoxychlor	72-43-5	mg/kg							ND	
Toxaphene	8001-35-2	mg/kg							ND	
Tetrachloro-m-xylene	877-09-8	%							134 ^{* i}	
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%							118 ^d	
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1	ND			ND
Aroclor 1221	11104-28-2	mg/kg			1	0.1	ND			ND
Aroclor 1232	11141-16-5	mg/kg			1	0.1	ND			ND
Aroclor 1242	53469-21-9	mg/kg			1	0.1	ND			ND
Aroclor 1248	12672-29-6	mg/kg			1	0.1	ND			ND
Aroclor 1254	11097-69-1	mg/kg			1	0.1	ND			ND
Aroclor 1260	11096-82-5	mg/kg			1	0.1	ND			ND
Aroclor 1268	11100-14-4	mg/kg			1	0.1	ND			ND
Aroclor 1262	37324-23-5	mg/kg			1	0.1	ND			ND
Tetrachloro-m-xylene	877-09-8	%					67			58
Tetrachloro-m-xylene (1)	877-09-8	%					69			60
Decachlorobiphenyl	2051-24-3	%					59			49

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%					61			54
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%					95			93.2
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27	<0.23			<0.24
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg					7180			13500
Antimony	7440-36-0	mg/kg					<2.1			<2.2
Arsenic	7440-38-2	mg/kg			16	13	<2.1			<4.5 ^P
Barium	7440-39-3	mg/kg			400	350	53.3			62.7
Beryllium	7440-41-7	mg/kg			72	7.2	0.28			0.32
Cadmium	7440-43-9	mg/kg			4.3	2.5	<0.53			<1.1 ^P
Calcium	7440-70-2	mg/kg					5380			11700
Chromium	7440-47-3	mg/kg					11.5			10.6
Cobalt	7440-48-4	mg/kg					6.2			14.1
Copper	7440-50-8	mg/kg			270	50	22.7			74 ^P
Iron	7439-89-6	mg/kg					13100			26100
Lead	7439-92-1	mg/kg			400	63	33.6			46.7
Magnesium	7439-95-4	mg/kg					3900			8750
Manganese	7439-96-5	mg/kg			2000	1600	174			235 ^P
Nickel	7440-02-0	mg/kg			310	30	11			16.9
Potassium	7440-09-7	mg/kg					1390			1890
Selenium	7782-49-2	mg/kg			180	3.9	<2.1			<4.5 ^P
Silver	7440-22-4	mg/kg			180	2	<0.53			<1.1 ^P
Sodium	7440-23-5	mg/kg					<1100			1240
Thallium	7440-28-0	mg/kg					<1.1			<2.2 ^P
Vanadium	7440-62-2	mg/kg					25.9			79.5
Zinc	7440-66-6	mg/kg			10000	109	47.3			58.2
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18	0.075			0.068
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg						ND		
Perfluoropentanoic acid	2706-90-3	mg/kg						ND		
Perfluorohexanoic acid	307-24-4	mg/kg						ND		
Perfluoroheptanoic acid	375-85-9	mg/kg						ND		
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066		ND		
Perfluorononanoic acid	375-95-1	mg/kg						ND		
Perfluorodecanoic acid	335-76-2	mg/kg						ND		
Perfluoroundecanoic acid	2058-94-8	mg/kg						ND		
Perfluorododecanoic acid	307-55-1	mg/kg						ND		
Perfluorotridecanoic acid	72629-94-8	mg/kg						ND		
Perfluorotetradecanoic acid	376-06-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg						ND		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg						ND		
Perfluorohexanesulfonic acid	355-46-4	mg/kg						ND		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg						ND		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088		ND		
Perfluorononanesulfonic acid	68259-12-1	mg/kg						ND		
Perfluorodecanesulfonic acid	335-77-3	mg/kg						ND		
Perfluorododecanesulfonic acid	79780-39-5	mg/kg						ND		
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg						ND		
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg						ND		
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg						ND		
PFOSA	754-91-6	mg/kg						ND		
MeFOSA	31506-32-8	mg/kg						ND		
EtFOSA	4151-50-2	mg/kg						ND		
MeFOSAA	2355-31-9	mg/kg						ND		
EtFOSAA	2991-50-6	mg/kg						ND		
MeFOSE	24448-09-7	mg/kg						ND		
EtFOSE	1691-99-2	mg/kg						ND		
HFPO-DA (GenX)	13252-13-6	mg/kg						ND		
ADONA	919005-14-4	mg/kg						ND		
PFMPA	377-73-1	mg/kg						ND		
PFMBA	863090-89-5	mg/kg						ND		
NFDHA	151772-58-6	mg/kg						ND		
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg						ND		
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg						ND		
PFEESA	113507-82-7	mg/kg						ND		
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg						ND		
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg						ND		
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg						ND		
13C4-PFBA	13C4-PFBA	%						89 ^f		
13C5-PFPeA	13C5-PFPEA	%						96 ^f		
13C5-PFHxA	13C5-PFHXA	%						91 ^f		
13C4-PFHpA	13C4-PFHPA	%						95 ^f		
13C8-PFOA	13C8-PFOA	%						92 ^f		
13C9-PFNA	13C9-PFNA	%						96 ^f		
13C6-PFDA	13C6-PFDA	%						100 ^f		
13C7-PFUnDA	13C7-PFUNDA	%						96 ^f		
13C2-PFDoDA	13C2-PFDODA	%						86 ^f		
13C2-PFTeDA	13C2-PFTEDA	%						51 ^f		
13C3-PFBS	13C3-PFBS	%						96 ^f		
13C3-PFHxS	13C3-PFHXS	%						92 ^f		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%						96 ^f		
13C8-FOSA	13C8-FOSA	%						89 ^f		
d3-MeFOSA	D3-NMEFOSA	%						69 ^f		
d5-EtFOSA	D5-NETFOSA	%						63 ^f		
d3-MeFOSAA	D3-NMEFOSAA	%						95 ^f		
d5-EtFOSAA	D5-NETFOSAA	%						89 ^f		
d7-MeFOSE	D7-NMEFOSE	%						66 ^f		
d9-EtFOSE	D9-NETFOSE	%						62 ^f		
13C2-4:2FTS	13C2-4:2FTS	%						150 ^f		
13C2-6:2FTS	13C2-6:2FTS	%						120 ^f		
13C2-8:2FTS	13C2-8:2FTS	%						110 ^f		
13C3-HFPO-DA	13C3-HFPO-DA	%						94 ^f		
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg					ND			ND
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND			ND
2,4-Dichlorophenol	120-83-2	mg/kg					ND			ND
2,4-Dimethylphenol	105-67-9	mg/kg					ND			ND
2,4-Dinitrophenol	51-28-5	mg/kg					ND ^a			ND ^a
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND ^a			ND ^a
2-Methylphenol	95-48-7	mg/kg			100	0.33	ND			ND
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND			ND
2-Nitrophenol	88-75-5	mg/kg					ND ^a			ND ^a
4-Nitrophenol	100-02-7	mg/kg					ND			ND
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8	ND ^g			ND ^g
Phenol	108-95-2	mg/kg			100	0.33	ND			ND
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND			ND
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND			ND
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND			ND
Acenaphthene	83-32-9	mg/kg			100	20	ND			0.0539
Acenaphthylene	208-96-8	mg/kg			100	100	ND			0.0707
Acetophenone	98-86-2	mg/kg					ND			ND
Anthracene	120-12-7	mg/kg			100	100	ND			0.115
Atrazine	1912-24-9	mg/kg					ND ^a			ND
Benzo(a)anthracene	56-55-3	mg/kg			1	1	0.0532			0.442
Benzo(a)pyrene	50-32-8	mg/kg			1	1	0.0717			0.544
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1	0.0756			0.568
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100	0.0586			0.455 ^b
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8	0.0283 J			0.219
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND			ND
Butyl benzyl phthalate	85-68-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg					ND			0.0122 J
Benzaldehyde	100-52-7	mg/kg					ND			ND
2-Chloronaphthalene	91-58-7	mg/kg					ND			ND
4-Chloroaniline	106-47-8	mg/kg					ND			ND
Carbazole	86-74-8	mg/kg					ND			0.0912
Caprolactam	105-60-2	mg/kg					ND ^a			ND ^a
Chrysene	218-01-9	mg/kg			3.9	1	0.0561			0.569
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND			ND
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND			ND
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND			ND
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND			ND
2,4-Dinitrotoluene	121-14-2	mg/kg					ND ^a			ND ^a
2,6-Dinitrotoluene	606-20-2	mg/kg					ND ^a			ND ^a
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND ^a			ND ^a
1,4-Dioxane	123-91-1	mg/kg			13	0.1	ND			ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33	ND ^a			0.116 ^b
Dibenzofuran	132-64-9	mg/kg			59	7	ND			0.0496 J
Di-n-butyl phthalate	84-74-2	mg/kg					ND			ND
Di-n-octyl phthalate	117-84-0	mg/kg					ND			ND
Diethyl phthalate	84-66-2	mg/kg					ND			ND
Dimethyl phthalate	131-11-3	mg/kg					ND			ND
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					ND			ND
Fluoranthene	206-44-0	mg/kg			100	100	0.0991			0.992
Fluorene	86-73-7	mg/kg			100	30	ND			0.0557
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33	ND			ND
Hexachlorobutadiene	87-68-3	mg/kg					ND			ND
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND ^g			ND ^g
Hexachloroethane	67-72-1	mg/kg					ND			ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5	0.067			0.513 ^b
Isophorone	78-59-1	mg/kg					ND			ND
2-Methylnaphthalene	91-57-6	mg/kg					ND			0.0338 J
2-Nitroaniline	88-74-4	mg/kg					ND ^a			ND ^a
3-Nitroaniline	99-09-2	mg/kg					ND ^a			ND ^a
4-Nitroaniline	100-01-6	mg/kg					ND ^a			ND ^a
Naphthalene	91-20-3	mg/kg			100	12	ND			0.0598
Nitrobenzene	98-95-3	mg/kg			15		ND			ND
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND			ND
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND			ND
Phenanthrene	85-01-8	mg/kg			100	100	0.0465			0.872
Pyrene	129-00-0	mg/kg			100	100	0.0997			1.11
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND			ND
2-Fluorophenol	367-12-4	%					57			55

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%					61			60
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%					83			87
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%					71			70
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%					70			73
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%					72			71
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05	ND			ND
Benzene	71-43-2	mg/kg			4.8	0.06	ND			ND
Bromochloromethane	74-97-5	mg/kg					ND			ND
Bromodichloromethane	75-27-4	mg/kg					ND			ND
Bromoform	75-25-2	mg/kg					ND			ND
Bromomethane	74-83-9	mg/kg					ND ^c			ND ^c
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12	ND			ND
Carbon disulfide	75-15-0	mg/kg					ND			ND
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76	ND			ND
Chlorobenzene	108-90-7	mg/kg			100	1.1	ND			ND
Chloroethane	75-00-3	mg/kg					ND			ND
Chloroform	67-66-3	mg/kg			49	0.37	ND			0.00046 J
Chloromethane	74-87-3	mg/kg					ND			ND
Cyclohexane	110-82-7	mg/kg					ND			ND
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND			ND
Dibromochloromethane	124-48-1	mg/kg					ND			ND
1,2-Dibromoethane	106-93-4	mg/kg					ND			ND
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1	ND			ND
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4	ND			ND
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8	ND			ND
Dichlorodifluoromethane	75-71-8	mg/kg					ND ^c			ND ^c
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27	ND			ND
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02	ND			ND
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33	ND			ND
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25	ND			ND
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19	ND			ND
1,2-Dichloropropane	78-87-5	mg/kg					ND			ND
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND			ND
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND			ND
Ethylbenzene	100-41-4	mg/kg			41	1	ND			ND
Freon 113	76-13-1	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg					ND			ND
Isopropylbenzene	98-82-8	mg/kg					ND			ND
Methyl Acetate	79-20-9	mg/kg					ND			ND
Methylcyclohexane	108-87-2	mg/kg					ND			ND
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93	ND			ND
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg					ND			ND
Methylene chloride	75-09-2	mg/kg			100	0.05	ND			ND
Styrene	100-42-5	mg/kg					ND			ND
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND			ND
Tetrachloroethene	127-18-4	mg/kg			19	1.3	ND			ND
Toluene	108-88-3	mg/kg			100	0.7	ND			ND
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND			ND
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND			ND
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68	ND			ND
1,1,2-Trichloroethane	79-00-5	mg/kg					ND			ND
Trichloroethene	79-01-6	mg/kg			21	0.47	ND			ND
Trichlorofluoromethane	75-69-4	mg/kg					ND			ND
Vinyl chloride	75-01-4	mg/kg			0.9	0.02	ND			ND
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26	ND			ND
o-Xylene	95-47-6	mg/kg			100	0.26	ND			ND
Xylene (total)	1330-20-7	mg/kg			100	0.26	ND			ND
Dibromofluoromethane	1868-53-7	%					100			98
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%					110			110
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%					99			100
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%					96			100
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (3.5-4)	SB5 (3.5-4)	SB5 (3.5-4)	SB5 (8-8.5)
Lab Sample ID:							JD58609-9	JD58609-9A	JD58609-9B	JD58609-10
Location:										
Date Sampled:							1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:00 PM	1/11/2023 2:05 PM
Matrix:			Soil	Soil	Soil	Soil				
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS

SGS Engage - Group Crosstab

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005		ND ^a		
alpha-BHC	319-84-6	mg/kg			0.48	0.02		ND ^a		
beta-BHC	319-85-7	mg/kg			0.36	0.036		ND ^a		
delta-BHC	319-86-8	mg/kg			100	0.04		ND ^a		
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1		ND ^a		
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094		ND ^a		
gamma-Chlordane	5103-74-2	mg/kg						ND ^a		
Dieldrin	60-57-1	mg/kg			0.2	0.005		ND ^a		
4,4'-DDD	72-54-8	mg/kg			13	0.0033		ND ^a		
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033		ND ^a		
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033		ND ^a		
Endrin	72-20-8	mg/kg			11	0.014		ND ^a		
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4		ND ^a		
Endrin aldehyde	7421-93-4	mg/kg						ND ^a		
Endrin ketone	53494-70-5	mg/kg						ND ^a		
Endosulfan-I	959-98-8	mg/kg			24	2.4		ND ^a		
Endosulfan-II	33213-65-9	mg/kg			24	2.4		ND ^a		
Heptachlor	76-44-8	mg/kg			2.1	0.042		ND ^a		
Heptachlor epoxide	1024-57-3	mg/kg						ND ^a		
Methoxychlor	72-43-5	mg/kg						ND		
Toxaphene	8001-35-2	mg/kg						ND		
Tetrachloro-m-xylene	877-09-8	%						131 ^{* i}		
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%						115 ^d		
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1			ND	
Aroclor 1221	11104-28-2	mg/kg			1	0.1			ND	
Aroclor 1232	11141-16-5	mg/kg			1	0.1			ND	
Aroclor 1242	53469-21-9	mg/kg			1	0.1			ND	
Aroclor 1248	12672-29-6	mg/kg			1	0.1			ND	
Aroclor 1254	11097-69-1	mg/kg			1	0.1			ND	
Aroclor 1260	11096-82-5	mg/kg			1	0.1			ND	
Aroclor 1268	11100-14-4	mg/kg			1	0.1			ND	
Aroclor 1262	37324-23-5	mg/kg			1	0.1			ND	
Tetrachloro-m-xylene	877-09-8	%							123	
Tetrachloro-m-xylene (1)	877-09-8	%							130	
Decachlorobiphenyl	2051-24-3	%							109	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%							117	
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%							94.7	
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27			<0.23	
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg							5920	
Antimony	7440-36-0	mg/kg							<2.2	
Arsenic	7440-38-2	mg/kg			16	13			<2.2	
Barium	7440-39-3	mg/kg			400	350			49.7	
Beryllium	7440-41-7	mg/kg			72	7.2			0.26	
Cadmium	7440-43-9	mg/kg			4.3	2.5			<0.56	
Calcium	7440-70-2	mg/kg							21300	
Chromium	7440-47-3	mg/kg							11	
Cobalt	7440-48-4	mg/kg							<5.6	
Copper	7440-50-8	mg/kg			270	50			12.3	
Iron	7439-89-6	mg/kg							10700	
Lead	7439-92-1	mg/kg			400	63			5.4	
Magnesium	7439-95-4	mg/kg							12900	
Manganese	7439-96-5	mg/kg			2000	1600			244	
Nickel	7440-02-0	mg/kg			310	30			10.1	
Potassium	7440-09-7	mg/kg							2310	
Selenium	7782-49-2	mg/kg			180	3.9			<2.2	
Silver	7440-22-4	mg/kg			180	2			<0.56	
Sodium	7440-23-5	mg/kg							<1100	
Thallium	7440-28-0	mg/kg							<1.1	
Vanadium	7440-62-2	mg/kg							15.1	
Zinc	7440-66-6	mg/kg			10000	109			27.5	
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18			0.071	
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg					ND			ND
Perfluoropentanoic acid	2706-90-3	mg/kg					0.00026 J			ND
Perfluorohexanoic acid	307-24-4	mg/kg					0.00024			ND
Perfluoroheptanoic acid	375-85-9	mg/kg					ND			ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066	ND			ND
Perfluorononanoic acid	375-95-1	mg/kg					ND			ND
Perfluorodecanoic acid	335-76-2	mg/kg					ND			ND
Perfluoroundecanoic acid	2058-94-8	mg/kg					ND			ND
Perfluorododecanoic acid	307-55-1	mg/kg					ND			ND
Perfluorotridecanoic acid	72629-94-8	mg/kg					ND			ND
Perfluorotetradecanoic acid	376-06-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg					ND			ND
Perfluoropentanesulfonic acid	2706-91-4	mg/kg					ND			ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg					ND			ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg					ND			ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088	ND			ND
Perfluorononanesulfonic acid	68259-12-1	mg/kg					ND			ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg					ND			ND
Perfluorododecanesulfonic acid	79780-39-5	mg/kg					ND			ND
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg					ND			ND
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg					ND			ND
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg					ND			ND
PFOSA	754-91-6	mg/kg					ND			ND
MeFOSA	31506-32-8	mg/kg					ND			ND
EtFOSA	4151-50-2	mg/kg					ND			ND
MeFOSAA	2355-31-9	mg/kg					ND			ND
EtFOSAA	2991-50-6	mg/kg					ND			ND
MeFOSE	24448-09-7	mg/kg					ND			ND
EtFOSE	1691-99-2	mg/kg					ND			ND
HFPO-DA (GenX)	13252-13-6	mg/kg					ND			ND
ADONA	919005-14-4	mg/kg					ND			ND
PFMPA	377-73-1	mg/kg					ND			ND
PFMBA	863090-89-5	mg/kg					ND			ND
NFDHA	151772-58-6	mg/kg					ND			ND
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg					ND			ND
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg					ND			ND
PFEESA	113507-82-7	mg/kg					ND			ND
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg					ND			ND
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg					ND			ND
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg					ND			ND
13C4-PFBA	13C4-PFBA	%					85 ^f			90 ^f
13C5-PFPeA	13C5-PFPEA	%					90 ^f			98 ^f
13C5-PFHxA	13C5-PFHXA	%					87 ^f			95 ^f
13C4-PFHpA	13C4-PFHPA	%					88 ^f			90 ^f
13C8-PFOA	13C8-PFOA	%					91 ^f			97 ^f
13C9-PFNA	13C9-PFNA	%					84 ^f			90 ^f
13C6-PFDA	13C6-PFDA	%					92 ^f			100 ^f
13C7-PFUnDA	13C7-PFUNDA	%					89 ^f			91 ^f
13C2-PFDoDA	13C2-PFDODA	%					78 ^f			77 ^f
13C2-PFTeDA	13C2-PFTEDA	%					44 ^f			59 ^f
13C3-PFBS	13C3-PFBS	%					92 ^f			89 ^f
13C3-PFHxS	13C3-PFHXS	%					94 ^f			88 ^f

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%					93 ^f			86 ^f
13C8-FOSA	13C8-FOSA	%					91 ^f			91 ^f
d3-MeFOSA	D3-NMEFOSA	%					68 ^f			70 ^f
d5-EtFOSA	D5-NETFOSA	%					65 ^f			67 ^f
d3-MeFOSAA	D3-NMEFOSAA	%					85 ^f			92 ^f
d5-EtFOSAA	D5-NETFOSAA	%					88 ^f			90 ^f
d7-MeFOSE	D7-NMEFOSE	%					72 ^f			79 ^f
d9-EtFOSE	D9-NETFOSE	%					73 ^f			82 ^f
13C2-4:2FTS	13C2-4:2FTS	%					140 ^f			130 ^f
13C2-6:2FTS	13C2-6:2FTS	%					120 ^f			130 ^f
13C2-8:2FTS	13C2-8:2FTS	%					110 ^f			100 ^f
13C3-HFPO-DA	13C3-HFPO-DA	%					91 ^f			96 ^f
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg							ND	
4-Chloro-3-methyl phenol	59-50-7	mg/kg							ND	
2,4-Dichlorophenol	120-83-2	mg/kg							ND	
2,4-Dimethylphenol	105-67-9	mg/kg							ND	
2,4-Dinitrophenol	51-28-5	mg/kg							ND ^a	
4,6-Dinitro-o-cresol	534-52-1	mg/kg							ND ^a	
2-Methylphenol	95-48-7	mg/kg			100	0.33			ND	
3&4-Methylphenol	M+P-CRESOLS	mg/kg							ND	
2-Nitrophenol	88-75-5	mg/kg							ND ^a	
4-Nitrophenol	100-02-7	mg/kg							ND	
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8			ND ^g	
Phenol	108-95-2	mg/kg			100	0.33			ND	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg							ND	
2,4,5-Trichlorophenol	95-95-4	mg/kg							ND	
2,4,6-Trichlorophenol	88-06-2	mg/kg							ND	
Acenaphthene	83-32-9	mg/kg			100	20			ND	
Acenaphthylene	208-96-8	mg/kg			100	100			ND	
Acetophenone	98-86-2	mg/kg							ND	
Anthracene	120-12-7	mg/kg			100	100			ND	
Atrazine	1912-24-9	mg/kg							ND ^a	
Benzo(a)anthracene	56-55-3	mg/kg			1	1			0.0188 J	
Benzo(a)pyrene	50-32-8	mg/kg			1	1			0.0191 J	
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1			0.0217 J	
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100			ND	
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8			ND	
4-Bromophenyl phenyl ether	101-55-3	mg/kg							ND	
Butyl benzyl phthalate	85-68-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SES Consulting Engineers (Parsippany, NJ)	SES Consulting Engineers (Parsippany, NJ)	SES Consulting Engineers (Parsippany, NJ)	SES Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg							ND	
Benzaldehyde	100-52-7	mg/kg							ND	
2-Chloronaphthalene	91-58-7	mg/kg							ND	
4-Chloroaniline	106-47-8	mg/kg							ND	
Carbazole	86-74-8	mg/kg							ND	
Caprolactam	105-60-2	mg/kg							ND ^a	
Chrysene	218-01-9	mg/kg			3.9	1			0.0159 J	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							ND	
bis(2-Chloroethyl)ether	111-44-4	mg/kg							ND	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg							ND	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							ND	
2,4-Dinitrotoluene	121-14-2	mg/kg							ND ^a	
2,6-Dinitrotoluene	606-20-2	mg/kg							ND ^a	
3,3'-Dichlorobenzidine	91-94-1	mg/kg							ND ^a	
1,4-Dioxane	123-91-1	mg/kg			13	0.1			ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33			ND ^a	
Dibenzofuran	132-64-9	mg/kg			59	7			ND	
Di-n-butyl phthalate	84-74-2	mg/kg							ND	
Di-n-octyl phthalate	117-84-0	mg/kg							ND	
Diethyl phthalate	84-66-2	mg/kg							ND	
Dimethyl phthalate	131-11-3	mg/kg							ND	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							ND	
Fluoranthene	206-44-0	mg/kg			100	100			0.0164 J	
Fluorene	86-73-7	mg/kg			100	30			ND	
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33			ND	
Hexachlorobutadiene	87-68-3	mg/kg							ND	
Hexachlorocyclopentadiene	77-47-4	mg/kg							ND ^g	
Hexachloroethane	67-72-1	mg/kg							ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5			0.0163 J	
Isophorone	78-59-1	mg/kg							ND	
2-Methylnaphthalene	91-57-6	mg/kg							ND	
2-Nitroaniline	88-74-4	mg/kg							ND ^a	
3-Nitroaniline	99-09-2	mg/kg							ND ^a	
4-Nitroaniline	100-01-6	mg/kg							ND ^a	
Naphthalene	91-20-3	mg/kg			100	12			ND	
Nitrobenzene	98-95-3	mg/kg			15				ND	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg							ND	
N-Nitrosodiphenylamine	86-30-6	mg/kg							ND	
Phenanthrene	85-01-8	mg/kg			100	100			ND	
Pyrene	129-00-0	mg/kg			100	100			0.0295 J	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg							ND	
2-Fluorophenol	367-12-4	%							57	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%							62	
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%							83	
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%							70	
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%							71	
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%							72	
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05			0.0094	
Benzene	71-43-2	mg/kg			4.8	0.06			ND	
Bromochloromethane	74-97-5	mg/kg							ND	
Bromodichloromethane	75-27-4	mg/kg							ND	
Bromoform	75-25-2	mg/kg							ND	
Bromomethane	74-83-9	mg/kg							ND ^c	
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12			ND	
Carbon disulfide	75-15-0	mg/kg							ND	
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76			ND	
Chlorobenzene	108-90-7	mg/kg			100	1.1			ND	
Chloroethane	75-00-3	mg/kg							ND	
Chloroform	67-66-3	mg/kg			49	0.37			ND	
Chloromethane	74-87-3	mg/kg							ND	
Cyclohexane	110-82-7	mg/kg							ND	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg							ND	
Dibromochloromethane	124-48-1	mg/kg							ND	
1,2-Dibromoethane	106-93-4	mg/kg							ND	
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1			ND	
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4			ND	
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8			ND	
Dichlorodifluoromethane	75-71-8	mg/kg							ND ^c	
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27			ND	
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02			ND	
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33			ND	
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25			ND	
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19			ND	
1,2-Dichloropropane	78-87-5	mg/kg							ND	
cis-1,3-Dichloropropene	10061-01-5	mg/kg							ND	
trans-1,3-Dichloropropene	10061-02-6	mg/kg							ND	
Ethylbenzene	100-41-4	mg/kg			41	1			ND	
Freon 113	76-13-1	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg							ND	
Isopropylbenzene	98-82-8	mg/kg							ND	
Methyl Acetate	79-20-9	mg/kg							ND	
Methylcyclohexane	108-87-2	mg/kg							ND	
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93			ND	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg							ND	
Methylene chloride	75-09-2	mg/kg			100	0.05			ND	
Styrene	100-42-5	mg/kg							ND	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							ND	
Tetrachloroethene	127-18-4	mg/kg			19	1.3			ND	
Toluene	108-88-3	mg/kg			100	0.7			ND	
1,2,3-Trichlorobenzene	87-61-6	mg/kg							ND	
1,2,4-Trichlorobenzene	120-82-1	mg/kg							ND	
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68			ND	
1,1,2-Trichloroethane	79-00-5	mg/kg							ND	
Trichloroethene	79-01-6	mg/kg			21	0.47			ND	
Trichlorofluoromethane	75-69-4	mg/kg							ND	
Vinyl chloride	75-01-4	mg/kg			0.9	0.02			ND	
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26			ND	
o-Xylene	95-47-6	mg/kg			100	0.26			ND	
Xylene (total)	1330-20-7	mg/kg			100	0.26			ND	
Dibromofluoromethane	1868-53-7	%							100	
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%							111	
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%							97	
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%							98	
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (8-8.5)	SB5 (8-8.5)	SB5 (11-11.5)	SB5 (11-11.5)
Lab Sample ID:							JD58609-10A	JD58609-10B	JD58609-11	JD58609-11A
Location:										
Date Sampled:							1/11/2023 2:05 PM	1/11/2023 2:05 PM	1/11/2023 2:10 PM	1/11/2023 2:10 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (11-11.5)	SB5 (17-17.5)	SB5 (17-17.5)	SB5 (17-17.5)
Lab Sample ID:							JD58609-11B	JD58609-12	JD58609-12A	JD58609-12B
Location:										
Date Sampled:							1/11/2023 2:10 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM
Matrix:			Soil	Soil	Soil	Soil				
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005	ND ^a			ND
alpha-BHC	319-84-6	mg/kg			0.48	0.02	ND ^a			ND
beta-BHC	319-85-7	mg/kg			0.36	0.036	ND ^a			ND
delta-BHC	319-86-8	mg/kg			100	0.04	ND ^a			ND
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1	ND ^a			ND
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094	ND ^a			ND ^a
gamma-Chlordane	5103-74-2	mg/kg					ND ^a			ND
Dieldrin	60-57-1	mg/kg			0.2	0.005	ND ^a			ND
4,4'-DDD	72-54-8	mg/kg			13	0.0033	ND ^a			ND
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033	ND ^a			ND
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033	ND ^a			ND
Endrin	72-20-8	mg/kg			11	0.014	ND ^a			ND
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4	ND ^a			ND
Endrin aldehyde	7421-93-4	mg/kg					ND ^a			ND
Endrin ketone	53494-70-5	mg/kg					ND ^a			ND
Endosulfan-I	959-98-8	mg/kg			24	2.4	ND ^a			ND
Endosulfan-II	33213-65-9	mg/kg			24	2.4	ND ^a			ND
Heptachlor	76-44-8	mg/kg			2.1	0.042	ND ^a			ND
Heptachlor epoxide	1024-57-3	mg/kg					ND ^a			ND
Methoxychlor	72-43-5	mg/kg					ND			ND
Toxaphene	8001-35-2	mg/kg					ND			ND
Tetrachloro-m-xylene	877-09-8	%					128 * ⁱ			90 ^e
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%					113 ^d			96 ^d
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1		ND		
Aroclor 1221	11104-28-2	mg/kg			1	0.1		ND		
Aroclor 1232	11141-16-5	mg/kg			1	0.1		ND		
Aroclor 1242	53469-21-9	mg/kg			1	0.1		ND		
Aroclor 1248	12672-29-6	mg/kg			1	0.1		ND		
Aroclor 1254	11097-69-1	mg/kg			1	0.1		ND		
Aroclor 1260	11096-82-5	mg/kg			1	0.1		ND		
Aroclor 1268	11100-14-4	mg/kg			1	0.1		ND		
Aroclor 1262	37324-23-5	mg/kg			1	0.1		ND		
Tetrachloro-m-xylene	877-09-8	%						102		
Tetrachloro-m-xylene (1)	877-09-8	%						110		
Decachlorobiphenyl	2051-24-3	%						102		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (11-11.5)	SB5 (17-17.5)	SB5 (17-17.5)	SB5 (17-17.5)
Lab Sample ID:							JD58609-11B	JD58609-12	JD58609-12A	JD58609-12B
Location:										
Date Sampled:							1/11/2023 2:10 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%						106		
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%						86.3		
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27		<0.29		
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg						4380		
Antimony	7440-36-0	mg/kg						<2.4		
Arsenic	7440-38-2	mg/kg			16	13		<2.4		
Barium	7440-39-3	mg/kg			400	350		35.3		
Beryllium	7440-41-7	mg/kg			72	7.2		<0.24		
Cadmium	7440-43-9	mg/kg			4.3	2.5		<0.60		
Calcium	7440-70-2	mg/kg						34700		
Chromium	7440-47-3	mg/kg						10.2		
Cobalt	7440-48-4	mg/kg						<6.0		
Copper	7440-50-8	mg/kg			270	50		11.5		
Iron	7439-89-6	mg/kg						9650		
Lead	7439-92-1	mg/kg			400	63		<2.4		
Magnesium	7439-95-4	mg/kg						17900		
Manganese	7439-96-5	mg/kg			2000	1600		133		
Nickel	7440-02-0	mg/kg			310	30		8.1		
Potassium	7440-09-7	mg/kg						1640		
Selenium	7782-49-2	mg/kg			180	3.9		<2.4		
Silver	7440-22-4	mg/kg			180	2		<0.60		
Sodium	7440-23-5	mg/kg						<1200		
Thallium	7440-28-0	mg/kg						<1.2		
Vanadium	7440-62-2	mg/kg						12.7		
Zinc	7440-66-6	mg/kg			10000	109		19.2		
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18		<0.031		
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg							ND	
Perfluoropentanoic acid	2706-90-3	mg/kg							ND	
Perfluorohexanoic acid	307-24-4	mg/kg							ND	
Perfluoroheptanoic acid	375-85-9	mg/kg							ND	
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066			ND	
Perfluorononanoic acid	375-95-1	mg/kg							ND	
Perfluorodecanoic acid	335-76-2	mg/kg							ND	
Perfluoroundecanoic acid	2058-94-8	mg/kg							ND	
Perfluorododecanoic acid	307-55-1	mg/kg							ND	
Perfluorotridecanoic acid	72629-94-8	mg/kg							ND	
Perfluorotetradecanoic acid	376-06-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

[illegible]

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (11-11.5)	SB5 (17-17.5)	SB5 (17-17.5)	SB5 (17-17.5)
Lab Sample ID:							JD58609-11B	JD58609-12	JD58609-12A	JD58609-12B
Location:										
Date Sampled:							1/11/2023 2:10 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%							79 ^f	
13C8-FOSA	13C8-FOSA	%							79 ^f	
d3-MeFOSA	D3-NMEFOSA	%							71 ^f	
d5-EtFOSA	D5-NETFOSA	%							69 ^f	
d3-MeFOSAA	D3-NMEFOSAA	%							69 ^f	
d5-EtFOSAA	D5-NETFOSAA	%							72 ^f	
d7-MeFOSE	D7-NMEFOSE	%							66 ^f	
d9-EtFOSE	D9-NETFOS	%							72 ^f	
13C2-4:2FTS	13C2-4:2FTS	%							100 ^f	
13C2-6:2FTS	13C2-6:2FTS	%							89 ^f	
13C2-8:2FTS	13C2-8:2FTS	%							88 ^f	
13C3-HFPO-DA	13C3-HFPO-DA	%							87 ^f	
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg						ND		
4-Chloro-3-methyl phenol	59-50-7	mg/kg						ND		
2,4-Dichlorophenol	120-83-2	mg/kg						ND		
2,4-Dimethylphenol	105-67-9	mg/kg						ND		
2,4-Dinitrophenol	51-28-5	mg/kg						ND ^a		
4,6-Dinitro-o-cresol	534-52-1	mg/kg						ND ^a		
2-Methylphenol	95-48-7	mg/kg			100	0.33		ND		
3&4-Methylphenol	M+P-CRESOLS	mg/kg						ND		
2-Nitrophenol	88-75-5	mg/kg						ND ^a		
4-Nitrophenol	100-02-7	mg/kg						ND		
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8		ND ^g		
Phenol	108-95-2	mg/kg			100	0.33		ND		
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg						ND		
2,4,5-Trichlorophenol	95-95-4	mg/kg						ND		
2,4,6-Trichlorophenol	88-06-2	mg/kg						ND		
Acenaphthene	83-32-9	mg/kg			100	20		ND		
Acenaphthylene	208-96-8	mg/kg			100	100		ND		
Acetophenone	98-86-2	mg/kg						ND		
Anthracene	120-12-7	mg/kg			100	100		ND		
Atrazine	1912-24-9	mg/kg						ND ^a		
Benzo(a)anthracene	56-55-3	mg/kg			1	1		ND		
Benzo(a)pyrene	50-32-8	mg/kg			1	1		ND		
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1		ND		
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100		ND		
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8		ND		
4-Bromophenyl phenyl ether	101-55-3	mg/kg						ND		
Butyl benzyl phthalate	85-68-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (11-11.5)	SB5 (17-17.5)	SB5 (17-17.5)	SB5 (17-17.5)
Lab Sample ID:							JD58609-11B	JD58609-12	JD58609-12A	JD58609-12B
Location:										
Date Sampled:							1/11/2023 2:10 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg						ND		
Benzaldehyde	100-52-7	mg/kg						ND		
2-Chloronaphthalene	91-58-7	mg/kg						ND		
4-Chloroaniline	106-47-8	mg/kg						ND		
Carbazole	86-74-8	mg/kg						ND		
Caprolactam	105-60-2	mg/kg						ND ^a		
Chrysene	218-01-9	mg/kg			3.9	1		ND		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						ND		
bis(2-Chloroethyl)ether	111-44-4	mg/kg						ND		
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg						ND		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						ND		
2,4-Dinitrotoluene	121-14-2	mg/kg						ND ^a		
2,6-Dinitrotoluene	606-20-2	mg/kg						ND ^a		
3,3'-Dichlorobenzidine	91-94-1	mg/kg						ND ^a		
1,4-Dioxane	123-91-1	mg/kg			13	0.1		ND		
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33		ND ^a		
Dibenzofuran	132-64-9	mg/kg			59	7		ND		
Di-n-butyl phthalate	84-74-2	mg/kg						0.0122 J		
Di-n-octyl phthalate	117-84-0	mg/kg						ND		
Diethyl phthalate	84-66-2	mg/kg						ND		
Dimethyl phthalate	131-11-3	mg/kg						ND		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						ND		
Fluoranthene	206-44-0	mg/kg			100	100		ND		
Fluorene	86-73-7	mg/kg			100	30		ND		
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33		ND		
Hexachlorobutadiene	87-68-3	mg/kg						ND		
Hexachlorocyclopentadiene	77-47-4	mg/kg						ND ^g		
Hexachloroethane	67-72-1	mg/kg						ND		
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5		ND		
Isophorone	78-59-1	mg/kg						ND		
2-Methylnaphthalene	91-57-6	mg/kg						ND		
2-Nitroaniline	88-74-4	mg/kg						ND ^a		
3-Nitroaniline	99-09-2	mg/kg						ND ^a		
4-Nitroaniline	100-01-6	mg/kg						ND ^a		
Naphthalene	91-20-3	mg/kg			100	12		ND		
Nitrobenzene	98-95-3	mg/kg			15			ND		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg						ND		
N-Nitrosodiphenylamine	86-30-6	mg/kg						ND		
Phenanthrene	85-01-8	mg/kg			100	100		ND		
Pyrene	129-00-0	mg/kg			100	100		ND		
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg						ND		
2-Fluorophenol	367-12-4	%						53		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (11-11.5)	SB5 (17-17.5)	SB5 (17-17.5)	SB5 (17-17.5)
Lab Sample ID:							JD58609-11B	JD58609-12	JD58609-12A	JD58609-12B
Location:										
Date Sampled:							1/11/2023 2:10 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%						58		
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%						79		
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%						67		
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%						63		
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%						66		
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05		ND		
Benzene	71-43-2	mg/kg			4.8	0.06		ND		
Bromochloromethane	74-97-5	mg/kg						ND		
Bromodichloromethane	75-27-4	mg/kg						ND		
Bromoform	75-25-2	mg/kg						ND		
Bromomethane	74-83-9	mg/kg						ND °		
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12		ND		
Carbon disulfide	75-15-0	mg/kg						ND		
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76		ND		
Chlorobenzene	108-90-7	mg/kg			100	1.1		ND		
Chloroethane	75-00-3	mg/kg						ND		
Chloroform	67-66-3	mg/kg			49	0.37		0.00079 J		
Chloromethane	74-87-3	mg/kg						ND		
Cyclohexane	110-82-7	mg/kg						ND		
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg						ND		
Dibromochloromethane	124-48-1	mg/kg						ND		
1,2-Dibromoethane	106-93-4	mg/kg						ND		
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1		ND		
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4		ND		
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8		ND		
Dichlorodifluoromethane	75-71-8	mg/kg						ND °		
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27		ND		
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02		ND		
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33		ND		
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25		ND		
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19		ND		
1,2-Dichloropropane	78-87-5	mg/kg						ND		
cis-1,3-Dichloropropene	10061-01-5	mg/kg						ND		
trans-1,3-Dichloropropene	10061-02-6	mg/kg						ND		
Ethylbenzene	100-41-4	mg/kg			41	1		ND		
Freon 113	76-13-1	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (11-11.5)	SB5 (17-17.5)	SB5 (17-17.5)	SB5 (17-17.5)
Lab Sample ID:							JD58609-11B	JD58609-12	JD58609-12A	JD58609-12B
Location:										
Date Sampled:							1/11/2023 2:10 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg						ND		
Isopropylbenzene	98-82-8	mg/kg						ND		
Methyl Acetate	79-20-9	mg/kg						ND		
Methylcyclohexane	108-87-2	mg/kg						ND		
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93		ND		
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg						ND		
Methylene chloride	75-09-2	mg/kg			100	0.05		ND		
Styrene	100-42-5	mg/kg						ND		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						ND		
Tetrachloroethene	127-18-4	mg/kg			19	1.3		ND		
Toluene	108-88-3	mg/kg			100	0.7		ND		
1,2,3-Trichlorobenzene	87-61-6	mg/kg						ND		
1,2,4-Trichlorobenzene	120-82-1	mg/kg						ND		
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68		ND		
1,1,2-Trichloroethane	79-00-5	mg/kg						ND		
Trichloroethene	79-01-6	mg/kg			21	0.47		ND		
Trichlorofluoromethane	75-69-4	mg/kg						ND		
Vinyl chloride	75-01-4	mg/kg			0.9	0.02		ND		
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26		ND		
o-Xylene	95-47-6	mg/kg			100	0.26		ND		
Xylene (total)	1330-20-7	mg/kg			100	0.26		ND		
Dibromofluoromethane	1868-53-7	%						98		
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%						110		
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%						97		
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%						98		
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB5 (11-11.5)	SB5 (17-17.5)	SB5 (17-17.5)	SB5 (17-17.5)
Lab Sample ID:							JD58609-11B	JD58609-12	JD58609-12A	JD58609-12B
Location:										
Date Sampled:							1/11/2023 2:10 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM	1/11/2023 2:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005			ND	
alpha-BHC	319-84-6	mg/kg			0.48	0.02			ND	
beta-BHC	319-85-7	mg/kg			0.36	0.036			ND	
delta-BHC	319-86-8	mg/kg			100	0.04			ND	
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1			ND	
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094			ND ^a	
gamma-Chlordane	5103-74-2	mg/kg							ND	
Dieldrin	60-57-1	mg/kg			0.2	0.005			ND	
4,4'-DDD	72-54-8	mg/kg			13	0.0033			ND	
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033			ND	
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033			ND	
Endrin	72-20-8	mg/kg			11	0.014			ND	
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4			ND	
Endrin aldehyde	7421-93-4	mg/kg							ND	
Endrin ketone	53494-70-5	mg/kg							ND	
Endosulfan-I	959-98-8	mg/kg			24	2.4			ND	
Endosulfan-II	33213-65-9	mg/kg			24	2.4			ND	
Heptachlor	76-44-8	mg/kg			2.1	0.042			ND	
Heptachlor epoxide	1024-57-3	mg/kg							ND	
Methoxychlor	72-43-5	mg/kg							ND	
Toxaphene	8001-35-2	mg/kg							ND	
Tetrachloro-m-xylene	877-09-8	%							88 ^e	
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%							90 ^d	
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1	ND			ND
Aroclor 1221	11104-28-2	mg/kg			1	0.1	ND			ND
Aroclor 1232	11141-16-5	mg/kg			1	0.1	ND			ND
Aroclor 1242	53469-21-9	mg/kg			1	0.1	ND			ND
Aroclor 1248	12672-29-6	mg/kg			1	0.1	ND			ND
Aroclor 1254	11097-69-1	mg/kg			1	0.1	ND			0.033 J
Aroclor 1260	11096-82-5	mg/kg			1	0.1	ND			ND
Aroclor 1268	11100-14-4	mg/kg			1	0.1	ND			ND
Aroclor 1262	37324-23-5	mg/kg			1	0.1	ND			ND
Tetrachloro-m-xylene	877-09-8	%					101			36
Tetrachloro-m-xylene (1)	877-09-8	%					105			28
Decachlorobiphenyl	2051-24-3	%					90			77

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%					94			81
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%					89.7			89.5
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27	<0.25			<0.24
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg					6320			5400
Antimony	7440-36-0	mg/kg					<2.2			<2.2
Arsenic	7440-38-2	mg/kg			16	13	<2.2			<2.2
Barium	7440-39-3	mg/kg			400	350	43.4			35.8
Beryllium	7440-41-7	mg/kg			72	7.2	0.3			0.25
Cadmium	7440-43-9	mg/kg			4.3	2.5	<0.55			<0.55
Calcium	7440-70-2	mg/kg					16700			29300
Chromium	7440-47-3	mg/kg					12.1			11.1
Cobalt	7440-48-4	mg/kg					5.7			<5.5
Copper	7440-50-8	mg/kg			270	50	14.4			14.3
Iron	7439-89-6	mg/kg					11700			10800
Lead	7439-92-1	mg/kg			400	63	10			3.3
Magnesium	7439-95-4	mg/kg					10400			18700
Manganese	7439-96-5	mg/kg			2000	1600	201			176
Nickel	7440-02-0	mg/kg			310	30	11			9.6
Potassium	7440-09-7	mg/kg					1930			1710
Selenium	7782-49-2	mg/kg			180	3.9	<2.2			<2.2
Silver	7440-22-4	mg/kg			180	2	<0.55			<0.55
Sodium	7440-23-5	mg/kg					<1100			<1100
Thallium	7440-28-0	mg/kg					<1.1			<1.1
Vanadium	7440-62-2	mg/kg					17.6			15.1
Zinc	7440-66-6	mg/kg			10000	109	35.5			25.8
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18	<0.036			<0.036
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg						ND		
Perfluoropentanoic acid	2706-90-3	mg/kg						ND		
Perfluorohexanoic acid	307-24-4	mg/kg						ND		
Perfluoroheptanoic acid	375-85-9	mg/kg						ND		
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066		ND		
Perfluorononanoic acid	375-95-1	mg/kg						ND		
Perfluorodecanoic acid	335-76-2	mg/kg						0.00059		
Perfluoroundecanoic acid	2058-94-8	mg/kg						ND		
Perfluorododecanoic acid	307-55-1	mg/kg						ND		
Perfluorotridecanoic acid	72629-94-8	mg/kg						ND		
Perfluorotetradecanoic acid	376-06-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg						ND		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg						ND		
Perfluorohexanesulfonic acid	355-46-4	mg/kg						ND		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg						ND		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088		0.0019		
Perfluorononanesulfonic acid	68259-12-1	mg/kg						ND		
Perfluorodecanesulfonic acid	335-77-3	mg/kg						ND		
Perfluorododecanesulfonic acid	79780-39-5	mg/kg						ND		
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg						ND		
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg						ND		
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg						ND		
PFOSA	754-91-6	mg/kg						ND		
MeFOSA	31506-32-8	mg/kg						ND		
EtFOSA	4151-50-2	mg/kg						ND		
MeFOSAA	2355-31-9	mg/kg						ND		
EtFOSAA	2991-50-6	mg/kg						ND		
MeFOSE	24448-09-7	mg/kg						ND		
EtFOSE	1691-99-2	mg/kg						ND		
HFPO-DA (GenX)	13252-13-6	mg/kg						ND		
ADONA	919005-14-4	mg/kg						ND		
PFMPA	377-73-1	mg/kg						ND		
PFMBA	863090-89-5	mg/kg						ND		
NFDHA	151772-58-6	mg/kg						ND		
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg						ND		
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg						ND		
PFEESA	113507-82-7	mg/kg						ND		
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg						ND		
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg						ND		
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg						ND		
13C4-PFBA	13C4-PFBA	%						84 ^f		
13C5-PFPeA	13C5-PFPEA	%						91 ^f		
13C5-PFHxA	13C5-PFHXA	%						90 ^f		
13C4-PFHpA	13C4-PFHPA	%						88 ^f		
13C8-PFOA	13C8-PFOA	%						84 ^f		
13C9-PFNA	13C9-PFNA	%						87 ^f		
13C6-PFDA	13C6-PFDA	%						86 ^f		
13C7-PFUnDA	13C7-PFUNDA	%						87 ^f		
13C2-PFDoDA	13C2-PFDODA	%						80 ^f		
13C2-PFTeDA	13C2-PFTEDA	%						71 ^f		
13C3-PFBS	13C3-PFBS	%						81 ^f		
13C3-PFHxS	13C3-PFHXS	%						81 ^f		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%						83 ^f		
13C8-FOSA	13C8-FOSA	%						84 ^f		
d3-MeFOSA	D3-NMEFOSA	%						71 ^f		
d5-EtFOSA	D5-NETFOSA	%						69 ^f		
d3-MeFOSAA	D3-NMEFOSAA	%						83 ^f		
d5-EtFOSAA	D5-NETFOSAA	%						84 ^f		
d7-MeFOSE	D7-NMEFOSE	%						69 ^f		
d9-EtFOSE	D9-NETFOSE	%						71 ^f		
13C2-4:2FTS	13C2-4:2FTS	%						94 ^f		
13C2-6:2FTS	13C2-6:2FTS	%						84 ^f		
13C2-8:2FTS	13C2-8:2FTS	%						92 ^f		
13C3-HFPO-DA	13C3-HFPO-DA	%						94 ^f		
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg					ND			ND
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND			ND
2,4-Dichlorophenol	120-83-2	mg/kg					ND			ND
2,4-Dimethylphenol	105-67-9	mg/kg					ND			ND
2,4-Dinitrophenol	51-28-5	mg/kg					ND ^a			ND ^a
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND ^a			ND ^a
2-Methylphenol	95-48-7	mg/kg			100	0.33	ND			ND
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND			ND
2-Nitrophenol	88-75-5	mg/kg					ND ^a			ND ^a
4-Nitrophenol	100-02-7	mg/kg					ND			ND
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8	ND ^g			ND ^g
Phenol	108-95-2	mg/kg			100	0.33	ND			ND
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND			ND
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND			ND
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND			ND
Acenaphthene	83-32-9	mg/kg			100	20	ND			0.0404
Acenaphthylene	208-96-8	mg/kg			100	100	ND			ND
Acetophenone	98-86-2	mg/kg					ND			ND
Anthracene	120-12-7	mg/kg			100	100	ND			0.134
Atrazine	1912-24-9	mg/kg					ND ^a			ND ^a
Benzo(a)anthracene	56-55-3	mg/kg			1	1	0.0667			0.027 J
Benzo(a)pyrene	50-32-8	mg/kg			1	1	0.0737			ND
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1	0.0796			ND
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100	0.0479			ND
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8	0.0306 J			ND
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND			ND
Butyl benzyl phthalate	85-68-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg					ND			ND
Benzaldehyde	100-52-7	mg/kg					ND			ND
2-Chloronaphthalene	91-58-7	mg/kg					ND			ND
4-Chloroaniline	106-47-8	mg/kg					ND			ND
Carbazole	86-74-8	mg/kg					ND			ND
Caprolactam	105-60-2	mg/kg					ND ^a			ND ^a
Chrysene	218-01-9	mg/kg			3.9	1	0.0663			0.0245 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND			ND
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND			ND
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND			ND
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND			ND
2,4-Dinitrotoluene	121-14-2	mg/kg					ND ^a			ND ^a
2,6-Dinitrotoluene	606-20-2	mg/kg					ND ^a			ND ^a
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND ^a			ND ^a
1,4-Dioxane	123-91-1	mg/kg			13	0.1	ND			ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33	ND ^a			ND ^a
Dibenzofuran	132-64-9	mg/kg			59	7	ND			0.0569 J
Di-n-butyl phthalate	84-74-2	mg/kg					ND			ND
Di-n-octyl phthalate	117-84-0	mg/kg					ND			ND
Diethyl phthalate	84-66-2	mg/kg					ND			ND
Dimethyl phthalate	131-11-3	mg/kg					ND			ND
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					ND			0.0231 J
Fluoranthene	206-44-0	mg/kg			100	100	0.134			0.12
Fluorene	86-73-7	mg/kg			100	30	ND			ND
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33	ND			ND
Hexachlorobutadiene	87-68-3	mg/kg					ND			ND
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND ^g			ND ^g
Hexachloroethane	67-72-1	mg/kg					ND			ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5	0.0647			ND
Isophorone	78-59-1	mg/kg					ND			ND
2-Methylnaphthalene	91-57-6	mg/kg					ND			ND
2-Nitroaniline	88-74-4	mg/kg					ND ^a			ND ^a
3-Nitroaniline	99-09-2	mg/kg					ND ^a			ND ^a
4-Nitroaniline	100-01-6	mg/kg					ND ^a			ND ^a
Naphthalene	91-20-3	mg/kg			100	12	ND			0.0145 J
Nitrobenzene	98-95-3	mg/kg			15		ND			ND
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND			ND
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND			ND
Phenanthrene	85-01-8	mg/kg			100	100	0.0872			0.306
Pyrene	129-00-0	mg/kg			100	100	0.122			0.125
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND			ND
2-Fluorophenol	367-12-4	%					56			56

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%					60			61
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%					78			84
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%					70			83
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%					68			75
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%					71			68
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05	ND			0.0153
Benzene	71-43-2	mg/kg			4.8	0.06	ND			ND
Bromochloromethane	74-97-5	mg/kg					ND			ND
Bromodichloromethane	75-27-4	mg/kg					ND			ND
Bromoform	75-25-2	mg/kg					ND			ND
Bromomethane	74-83-9	mg/kg					ND ^c			ND ^c
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12	ND			ND
Carbon disulfide	75-15-0	mg/kg					ND			0.0018
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76	ND			ND
Chlorobenzene	108-90-7	mg/kg			100	1.1	ND			ND
Chloroethane	75-00-3	mg/kg					ND			ND
Chloroform	67-66-3	mg/kg			49	0.37	ND			ND
Chloromethane	74-87-3	mg/kg					ND			ND
Cyclohexane	110-82-7	mg/kg					ND			ND
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND			ND
Dibromochloromethane	124-48-1	mg/kg					ND			ND
1,2-Dibromoethane	106-93-4	mg/kg					ND			ND
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1	ND			ND
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4	ND			ND
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8	ND			ND
Dichlorodifluoromethane	75-71-8	mg/kg					ND ^c			ND ^c
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27	ND			ND
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02	ND			ND
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33	ND			ND
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25	ND			ND
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19	ND			ND
1,2-Dichloropropane	78-87-5	mg/kg					ND			ND
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND			ND
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND			ND
Ethylbenzene	100-41-4	mg/kg			41	1	ND			ND
Freon 113	76-13-1	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg					ND			ND
Isopropylbenzene	98-82-8	mg/kg					ND			ND
Methyl Acetate	79-20-9	mg/kg					ND			ND
Methylcyclohexane	108-87-2	mg/kg					ND			ND
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93	ND			ND
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg					ND			ND
Methylene chloride	75-09-2	mg/kg			100	0.05	ND			ND
Styrene	100-42-5	mg/kg					ND			ND
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND			ND
Tetrachloroethene	127-18-4	mg/kg			19	1.3	ND			ND
Toluene	108-88-3	mg/kg			100	0.7	ND			ND
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND			ND
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND			ND
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68	ND			ND
1,1,2-Trichloroethane	79-00-5	mg/kg					ND			ND
Trichloroethene	79-01-6	mg/kg			21	0.47	ND			ND
Trichlorofluoromethane	75-69-4	mg/kg					ND			ND
Vinyl chloride	75-01-4	mg/kg			0.9	0.02	ND			ND
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26	ND			ND
o-Xylene	95-47-6	mg/kg			100	0.26	ND			ND
Xylene (total)	1330-20-7	mg/kg			100	0.26	ND			ND
Dibromofluoromethane	1868-53-7	%					99			104
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%					110			112
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%					96			99
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%					96			98
4-Bromofluorobenzene (1)	460-00-4	%								

16 result(s) exceeded regulatory criteria.

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (2-2.5)	SB13 (2-2.5)	SB13 (2-2.5)	SB13 (8-8.5)
Lab Sample ID:							JD58609-13	JD58609-13A	JD58609-13B	JD58609-14
Location:										
Date Sampled:							1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:00 AM	1/11/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005		ND		
alpha-BHC	319-84-6	mg/kg			0.48	0.02		ND		
beta-BHC	319-85-7	mg/kg			0.36	0.036		ND		
delta-BHC	319-86-8	mg/kg			100	0.04		ND		
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1		ND		
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094		ND ^a		
gamma-Chlordane	5103-74-2	mg/kg						ND ^a		
Dieldrin	60-57-1	mg/kg			0.2	0.005		ND		
4,4'-DDD	72-54-8	mg/kg			13	0.0033		ND		
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033		ND		
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033		ND		
Endrin	72-20-8	mg/kg			11	0.014		ND		
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4		ND		
Endrin aldehyde	7421-93-4	mg/kg						ND		
Endrin ketone	53494-70-5	mg/kg						ND		
Endosulfan-I	959-98-8	mg/kg			24	2.4		ND		
Endosulfan-II	33213-65-9	mg/kg			24	2.4		ND		
Heptachlor	76-44-8	mg/kg			2.1	0.042		ND		
Heptachlor epoxide	1024-57-3	mg/kg						ND		
Methoxychlor	72-43-5	mg/kg						ND ^a		
Toxaphene	8001-35-2	mg/kg						ND		
Tetrachloro-m-xylene	877-09-8	%						76 ^e		
Tetrachloro-m-xylene (1)	877-09-8	%						101 ^e		
Decachlorobiphenyl	2051-24-3	%						105 ^d		
Decachlorobiphenyl (1)	2051-24-3	%						111 ^d		
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1			ND	
Aroclor 1221	11104-28-2	mg/kg			1	0.1			ND	
Aroclor 1232	11141-16-5	mg/kg			1	0.1			ND	
Aroclor 1242	53469-21-9	mg/kg			1	0.1			ND	
Aroclor 1248	12672-29-6	mg/kg			1	0.1			ND	
Aroclor 1254	11097-69-1	mg/kg			1	0.1			ND	
Aroclor 1260	11096-82-5	mg/kg			1	0.1			ND	
Aroclor 1268	11100-14-4	mg/kg			1	0.1			ND	
Aroclor 1262	37324-23-5	mg/kg			1	0.1			ND	
Tetrachloro-m-xylene	877-09-8	%							41	
Tetrachloro-m-xylene (1)	877-09-8	%							16	
Decachlorobiphenyl	2051-24-3	%							61	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%							64	
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%							87.6	
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27			<0.27	
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg							5200	
Antimony	7440-36-0	mg/kg							<2.4	
Arsenic	7440-38-2	mg/kg			16	13			<2.4	
Barium	7440-39-3	mg/kg			400	350			37.4	
Beryllium	7440-41-7	mg/kg			72	7.2			0.25	
Cadmium	7440-43-9	mg/kg			4.3	2.5			<0.59	
Calcium	7440-70-2	mg/kg							32300	
Chromium	7440-47-3	mg/kg							12.2	
Cobalt	7440-48-4	mg/kg							<5.9	
Copper	7440-50-8	mg/kg			270	50			11.8	
Iron	7439-89-6	mg/kg							10300	
Lead	7439-92-1	mg/kg			400	63			3.2	
Magnesium	7439-95-4	mg/kg							20100	
Manganese	7439-96-5	mg/kg			2000	1600			154	
Nickel	7440-02-0	mg/kg			310	30			9	
Potassium	7440-09-7	mg/kg							1800	
Selenium	7782-49-2	mg/kg			180	3.9			<2.4	
Silver	7440-22-4	mg/kg			180	2			<0.59	
Sodium	7440-23-5	mg/kg							<1200	
Thallium	7440-28-0	mg/kg							<1.2	
Vanadium	7440-62-2	mg/kg							14	
Zinc	7440-66-6	mg/kg			10000	109			26.8	
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18			<0.031	
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg					ND			ND
Perfluoropentanoic acid	2706-90-3	mg/kg					ND			ND
Perfluorohexanoic acid	307-24-4	mg/kg					ND			ND
Perfluoroheptanoic acid	375-85-9	mg/kg					ND			ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066	ND			ND
Perfluorononanoic acid	375-95-1	mg/kg					ND			ND
Perfluorodecanoic acid	335-76-2	mg/kg					ND			ND
Perfluoroundecanoic acid	2058-94-8	mg/kg					ND			ND
Perfluorododecanoic acid	307-55-1	mg/kg					ND			ND
Perfluorotridecanoic acid	72629-94-8	mg/kg					ND			ND
Perfluorotetradecanoic acid	376-06-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg					ND			ND
Perfluoropentanesulfonic acid	2706-91-4	mg/kg					ND			ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg					ND			ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg					ND			ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088	ND			ND
Perfluorononanesulfonic acid	68259-12-1	mg/kg					ND			ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg					ND			ND
Perfluorododecanesulfonic acid	79780-39-5	mg/kg					ND			ND
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg					ND			ND
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg					ND			ND
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg					ND			ND
PFOSA	754-91-6	mg/kg					ND			ND
MeFOSA	31506-32-8	mg/kg					ND			ND
EtFOSA	4151-50-2	mg/kg					ND			ND
MeFOSAA	2355-31-9	mg/kg					ND			ND
EtFOSAA	2991-50-6	mg/kg					ND			ND
MeFOSE	24448-09-7	mg/kg					ND			ND
EtFOSE	1691-99-2	mg/kg					ND			ND
HFPO-DA (GenX)	13252-13-6	mg/kg					ND			ND
ADONA	919005-14-4	mg/kg					ND			ND
PFMPA	377-73-1	mg/kg					ND			ND
PFMBA	863090-89-5	mg/kg					ND			ND
NFDHA	151772-58-6	mg/kg					ND			ND
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg					ND			ND
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg					ND			ND
PFEESA	113507-82-7	mg/kg					ND			ND
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg					ND			ND
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg					ND			ND
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg					ND			ND
13C4-PFBA	13C4-PFBA	%					84 ^f			79 ^f
13C5-PFPeA	13C5-PFPEA	%					85 ^f			83 ^f
13C5-PFHxA	13C5-PFHXA	%					85 ^f			85 ^f
13C4-PFHpA	13C4-PFHPA	%					88 ^f			84 ^f
13C8-PFOA	13C8-PFOA	%					79 ^f			77 ^f
13C9-PFNA	13C9-PFNA	%					76 ^f			89 ^f
13C6-PFDA	13C6-PFDA	%					89 ^f			77 ^f
13C7-PFUnDA	13C7-PFUNDA	%					85 ^f			77 ^f
13C2-PFDoDA	13C2-PFDODA	%					94 ^f			77 ^f
13C2-PFTeDA	13C2-PFTEDA	%					82 ^f			75 ^f
13C3-PFBS	13C3-PFBS	%					83 ^f			80 ^f
13C3-PFHxS	13C3-PFHXS	%					87 ^f			86 ^f

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%					85 ^f			72 ^f
13C8-FOSA	13C8-FOSA	%					85 ^f			80 ^f
d3-MeFOSA	D3-NMEFOSA	%					78 ^f			71 ^f
d5-EtFOSA	D5-NETFOSA	%					78 ^f			70 ^f
d3-MeFOSAA	D3-NMEFOSAA	%					83 ^f			70 ^f
d5-EtFOSAA	D5-NETFOSAA	%					82 ^f			75 ^f
d7-MeFOSE	D7-NMEFOSE	%					88 ^f			73 ^f
d9-EtFOSE	D9-NETFOSE	%					88 ^f			75 ^f
13C2-4:2FTS	13C2-4:2FTS	%					96 ^f			99 ^f
13C2-6:2FTS	13C2-6:2FTS	%					94 ^f			97 ^f
13C2-8:2FTS	13C2-8:2FTS	%					88 ^f			91 ^f
13C3-HFPO-DA	13C3-HFPO-DA	%					86 ^f			83 ^f
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg							ND	
4-Chloro-3-methyl phenol	59-50-7	mg/kg							ND	
2,4-Dichlorophenol	120-83-2	mg/kg							ND	
2,4-Dimethylphenol	105-67-9	mg/kg							ND	
2,4-Dinitrophenol	51-28-5	mg/kg							ND ^a	
4,6-Dinitro-o-cresol	534-52-1	mg/kg							ND ^a	
2-Methylphenol	95-48-7	mg/kg			100	0.33			ND	
3&4-Methylphenol	M+P-CRESOLS	mg/kg							ND	
2-Nitrophenol	88-75-5	mg/kg							ND ^a	
4-Nitrophenol	100-02-7	mg/kg							ND	
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8			ND ^g	
Phenol	108-95-2	mg/kg			100	0.33			ND	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg							ND	
2,4,5-Trichlorophenol	95-95-4	mg/kg							ND	
2,4,6-Trichlorophenol	88-06-2	mg/kg							ND	
Acenaphthene	83-32-9	mg/kg			100	20			ND	
Acenaphthylene	208-96-8	mg/kg			100	100			ND	
Acetophenone	98-86-2	mg/kg							ND	
Anthracene	120-12-7	mg/kg			100	100			ND	
Atrazine	1912-24-9	mg/kg							ND ^a	
Benzo(a)anthracene	56-55-3	mg/kg			1	1			ND	
Benzo(a)pyrene	50-32-8	mg/kg			1	1			ND	
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1			ND	
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100			ND	
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8			ND	
4-Bromophenyl phenyl ether	101-55-3	mg/kg							ND	
Butyl benzyl phthalate	85-68-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg							ND	
Benzaldehyde	100-52-7	mg/kg							ND	
2-Chloronaphthalene	91-58-7	mg/kg							ND	
4-Chloroaniline	106-47-8	mg/kg							ND	
Carbazole	86-74-8	mg/kg							ND	
Caprolactam	105-60-2	mg/kg							ND ^a	
Chrysene	218-01-9	mg/kg			3.9	1			ND	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							ND	
bis(2-Chloroethyl)ether	111-44-4	mg/kg							ND	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg							ND	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							ND	
2,4-Dinitrotoluene	121-14-2	mg/kg							ND ^a	
2,6-Dinitrotoluene	606-20-2	mg/kg							ND ^a	
3,3'-Dichlorobenzidine	91-94-1	mg/kg							ND ^a	
1,4-Dioxane	123-91-1	mg/kg			13	0.1			ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33			ND ^a	
Dibenzofuran	132-64-9	mg/kg			59	7			ND	
Di-n-butyl phthalate	84-74-2	mg/kg							ND	
Di-n-octyl phthalate	117-84-0	mg/kg							ND	
Diethyl phthalate	84-66-2	mg/kg							ND	
Dimethyl phthalate	131-11-3	mg/kg							ND	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							0.0412 J	
Fluoranthene	206-44-0	mg/kg			100	100			ND	
Fluorene	86-73-7	mg/kg			100	30			ND	
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33			ND	
Hexachlorobutadiene	87-68-3	mg/kg							ND	
Hexachlorocyclopentadiene	77-47-4	mg/kg							ND ^g	
Hexachloroethane	67-72-1	mg/kg							ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5			ND	
Isophorone	78-59-1	mg/kg							ND	
2-Methylnaphthalene	91-57-6	mg/kg							ND	
2-Nitroaniline	88-74-4	mg/kg							ND ^a	
3-Nitroaniline	99-09-2	mg/kg							ND ^a	
4-Nitroaniline	100-01-6	mg/kg							ND ^a	
Naphthalene	91-20-3	mg/kg			100	12			ND	
Nitrobenzene	98-95-3	mg/kg			15				ND	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg							ND	
N-Nitrosodiphenylamine	86-30-6	mg/kg							ND	
Phenanthrene	85-01-8	mg/kg			100	100			0.0184 J	
Pyrene	129-00-0	mg/kg			100	100			0.0305 J	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg							ND	
2-Fluorophenol	367-12-4	%							52	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%							59	
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%							82	
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%							71	
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%							70	
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%							64	
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05			0.0129	
Benzene	71-43-2	mg/kg			4.8	0.06			ND	
Bromochloromethane	74-97-5	mg/kg							ND	
Bromodichloromethane	75-27-4	mg/kg							ND	
Bromoform	75-25-2	mg/kg							ND	
Bromomethane	74-83-9	mg/kg							ND ^c	
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12			ND	
Carbon disulfide	75-15-0	mg/kg							0.0029	
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76			ND	
Chlorobenzene	108-90-7	mg/kg			100	1.1			ND	
Chloroethane	75-00-3	mg/kg							ND	
Chloroform	67-66-3	mg/kg			49	0.37			ND	
Chloromethane	74-87-3	mg/kg							ND	
Cyclohexane	110-82-7	mg/kg							ND	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg							ND	
Dibromochloromethane	124-48-1	mg/kg							ND	
1,2-Dibromoethane	106-93-4	mg/kg							ND	
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1			ND	
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4			ND	
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8			ND	
Dichlorodifluoromethane	75-71-8	mg/kg							ND ^c	
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27			ND	
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02			ND	
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33			ND	
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25			ND	
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19			ND	
1,2-Dichloropropane	78-87-5	mg/kg							ND	
cis-1,3-Dichloropropene	10061-01-5	mg/kg							ND	
trans-1,3-Dichloropropene	10061-02-6	mg/kg							ND	
Ethylbenzene	100-41-4	mg/kg			41	1			ND	
Freon 113	76-13-1	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg							ND	
Isopropylbenzene	98-82-8	mg/kg							ND	
Methyl Acetate	79-20-9	mg/kg							ND	
Methylcyclohexane	108-87-2	mg/kg							ND	
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93			ND	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg							ND	
Methylene chloride	75-09-2	mg/kg			100	0.05			ND	
Styrene	100-42-5	mg/kg							ND	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							ND	
Tetrachloroethene	127-18-4	mg/kg			19	1.3			ND	
Toluene	108-88-3	mg/kg			100	0.7			ND	
1,2,3-Trichlorobenzene	87-61-6	mg/kg							ND	
1,2,4-Trichlorobenzene	120-82-1	mg/kg							ND	
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68			ND	
1,1,2-Trichloroethane	79-00-5	mg/kg							ND	
Trichloroethene	79-01-6	mg/kg			21	0.47			ND	
Trichlorofluoromethane	75-69-4	mg/kg							ND	
Vinyl chloride	75-01-4	mg/kg			0.9	0.02			ND	
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26			ND	
o-Xylene	95-47-6	mg/kg			100	0.26			ND	
Xylene (total)	1330-20-7	mg/kg			100	0.26			ND	
Dibromofluoromethane	1868-53-7	%							101	
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%							105	
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%							100	
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%							97	
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (8-8.5)	SB13 (8-8.5)	SB13 (13.5-14)	SB13 (13.5-14)
Lab Sample ID:							JD58609-14A	JD58609-14B	JD58609-15	JD58609-15A
Location:										
Date Sampled:							1/11/2023 10:05 AM	1/11/2023 10:05 AM	1/11/2023 10:10 AM	1/11/2023 10:10 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (13.5-14)	SB13 (17-17.5)	SB13 (17-17.5)	SB13 (17-17.5)
Lab Sample ID:							JD58609-15B	JD58609-16	JD58609-16A	JD58609-16B
Location:										
Date Sampled:							1/11/2023 10:10 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005	ND			ND
alpha-BHC	319-84-6	mg/kg			0.48	0.02	ND			ND
beta-BHC	319-85-7	mg/kg			0.36	0.036	ND			ND
delta-BHC	319-86-8	mg/kg			100	0.04	ND			ND
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1	ND			ND
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094	ND ^a			ND ^a
gamma-Chlordane	5103-74-2	mg/kg					ND ^a			ND ^a
Dieldrin	60-57-1	mg/kg			0.2	0.005	ND			ND
4,4'-DDD	72-54-8	mg/kg			13	0.0033	ND			ND
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033	ND			ND
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033	ND			ND
Endrin	72-20-8	mg/kg			11	0.014	ND			ND
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4	ND			ND
Endrin aldehyde	7421-93-4	mg/kg					ND			ND
Endrin ketone	53494-70-5	mg/kg					ND			ND
Endosulfan-I	959-98-8	mg/kg			24	2.4	ND			ND
Endosulfan-II	33213-65-9	mg/kg			24	2.4	ND			ND
Heptachlor	76-44-8	mg/kg			2.1	0.042	ND			ND
Heptachlor epoxide	1024-57-3	mg/kg					ND			ND
Methoxychlor	72-43-5	mg/kg					ND ^a			ND ^a
Toxaphene	8001-35-2	mg/kg					ND			ND
Tetrachloro-m-xylene	877-09-8	%					74 ^e			72 ^e
Tetrachloro-m-xylene (1)	877-09-8	%					97 ^e			92 ^e
Decachlorobiphenyl	2051-24-3	%					93 ^d			101 ^d
Decachlorobiphenyl (1)	2051-24-3	%					102 ^d			114 ^d
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1		ND		
Aroclor 1221	11104-28-2	mg/kg			1	0.1		ND		
Aroclor 1232	11141-16-5	mg/kg			1	0.1		ND		
Aroclor 1242	53469-21-9	mg/kg			1	0.1		ND		
Aroclor 1248	12672-29-6	mg/kg			1	0.1		ND		
Aroclor 1254	11097-69-1	mg/kg			1	0.1		ND		
Aroclor 1260	11096-82-5	mg/kg			1	0.1		ND		
Aroclor 1268	11100-14-4	mg/kg			1	0.1		ND		
Aroclor 1262	37324-23-5	mg/kg			1	0.1		ND		
Tetrachloro-m-xylene	877-09-8	%						49		
Tetrachloro-m-xylene (1)	877-09-8	%						15		
Decachlorobiphenyl	2051-24-3	%						65		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (13.5-14)	SB13 (17-17.5)	SB13 (17-17.5)	SB13 (17-17.5)
Lab Sample ID:							JD58609-15B	JD58609-16	JD58609-16A	JD58609-16B
Location:										
Date Sampled:							1/11/2023 10:10 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%						68		
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%						88.3		
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27		<0.25		
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg						5230		
Antimony	7440-36-0	mg/kg						<2.3		
Arsenic	7440-38-2	mg/kg			16	13		<2.3		
Barium	7440-39-3	mg/kg			400	350		35.4		
Beryllium	7440-41-7	mg/kg			72	7.2		0.23		
Cadmium	7440-43-9	mg/kg			4.3	2.5		<0.58		
Calcium	7440-70-2	mg/kg						29100		
Chromium	7440-47-3	mg/kg						10.2		
Cobalt	7440-48-4	mg/kg						<5.8		
Copper	7440-50-8	mg/kg			270	50		14.5		
Iron	7439-89-6	mg/kg						10300		
Lead	7439-92-1	mg/kg			400	63		3.7		
Magnesium	7439-95-4	mg/kg						17600		
Manganese	7439-96-5	mg/kg			2000	1600		170		
Nickel	7440-02-0	mg/kg			310	30		9		
Potassium	7440-09-7	mg/kg						1690		
Selenium	7782-49-2	mg/kg			180	3.9		<2.3		
Silver	7440-22-4	mg/kg			180	2		<0.58		
Sodium	7440-23-5	mg/kg						<1200		
Thallium	7440-28-0	mg/kg						<1.2		
Vanadium	7440-62-2	mg/kg						14.3		
Zinc	7440-66-6	mg/kg			10000	109		23.6		
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18		<0.033		
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg							ND	
Perfluoropentanoic acid	2706-90-3	mg/kg							ND	
Perfluorohexanoic acid	307-24-4	mg/kg							ND	
Perfluoroheptanoic acid	375-85-9	mg/kg							ND	
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066			ND	
Perfluorononanoic acid	375-95-1	mg/kg							ND	
Perfluorodecanoic acid	335-76-2	mg/kg							ND	
Perfluoroundecanoic acid	2058-94-8	mg/kg							ND	
Perfluorododecanoic acid	307-55-1	mg/kg							ND	
Perfluorotridecanoic acid	72629-94-8	mg/kg							ND	
Perfluorotetradecanoic acid	376-06-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

[illegible]

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (13.5-14)	SB13 (17-17.5)	SB13 (17-17.5)	SB13 (17-17.5)
Lab Sample ID:							JD58609-15B	JD58609-16	JD58609-16A	JD58609-16B
Location:										
Date Sampled:							1/11/2023 10:10 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%							75 ^f	
13C8-FOSA	13C8-FOSA	%							79 ^f	
d3-MeFOSA	D3-NMEFOSA	%							70 ^f	
d5-EtFOSA	D5-NETFOSA	%							74 ^f	
d3-MeFOSAA	D3-NMEFOSAA	%							74 ^f	
d5-EtFOSAA	D5-NETFOSAA	%							77 ^f	
d7-MeFOSE	D7-NMEFOSE	%							75 ^f	
d9-EtFOSE	D9-NETFOS	%							80 ^f	
13C2-4:2FTS	13C2-4:2FTS	%							82 ^f	
13C2-6:2FTS	13C2-6:2FTS	%							80 ^f	
13C2-8:2FTS	13C2-8:2FTS	%							84 ^f	
13C3-HFPO-DA	13C3-HFPO-DA	%							89 ^f	
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg						ND		
4-Chloro-3-methyl phenol	59-50-7	mg/kg						ND		
2,4-Dichlorophenol	120-83-2	mg/kg						ND		
2,4-Dimethylphenol	105-67-9	mg/kg						ND		
2,4-Dinitrophenol	51-28-5	mg/kg						ND ^a		
4,6-Dinitro-o-cresol	534-52-1	mg/kg						ND ^a		
2-Methylphenol	95-48-7	mg/kg			100	0.33		ND		
3&4-Methylphenol	M+P-CRESOLS	mg/kg						ND		
2-Nitrophenol	88-75-5	mg/kg						ND ^a		
4-Nitrophenol	100-02-7	mg/kg						ND		
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8		ND ^g		
Phenol	108-95-2	mg/kg			100	0.33		ND		
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg						ND		
2,4,5-Trichlorophenol	95-95-4	mg/kg						ND		
2,4,6-Trichlorophenol	88-06-2	mg/kg						ND		
Acenaphthene	83-32-9	mg/kg			100	20		0.028 J		
Acenaphthylene	208-96-8	mg/kg			100	100		ND		
Acetophenone	98-86-2	mg/kg						ND		
Anthracene	120-12-7	mg/kg			100	100		0.14		
Atrazine	1912-24-9	mg/kg						ND ^a		
Benzo(a)anthracene	56-55-3	mg/kg			1	1		0.355		
Benzo(a)pyrene	50-32-8	mg/kg			1	1		0.401		
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1		0.387		
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100		0.233		
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8		0.167		
4-Bromophenyl phenyl ether	101-55-3	mg/kg						ND		
Butyl benzyl phthalate	85-68-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (13.5-14)	SB13 (17-17.5)	SB13 (17-17.5)	SB13 (17-17.5)
Lab Sample ID:							JD58609-15B	JD58609-16	JD58609-16A	JD58609-16B
Location:										
Date Sampled:							1/11/2023 10:10 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg						ND		
Benzaldehyde	100-52-7	mg/kg						ND		
2-Chloronaphthalene	91-58-7	mg/kg						ND		
4-Chloroaniline	106-47-8	mg/kg						ND		
Carbazole	86-74-8	mg/kg						ND		
Caprolactam	105-60-2	mg/kg						ND ^a		
Chrysene	218-01-9	mg/kg			3.9	1		0.368		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						ND		
bis(2-Chloroethyl)ether	111-44-4	mg/kg						ND		
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg						ND		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						ND		
2,4-Dinitrotoluene	121-14-2	mg/kg						ND ^a		
2,6-Dinitrotoluene	606-20-2	mg/kg						ND ^a		
3,3'-Dichlorobenzidine	91-94-1	mg/kg						ND ^a		
1,4-Dioxane	123-91-1	mg/kg			13	0.1		ND		
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33		0.0702 ^b		
Dibenzofuran	132-64-9	mg/kg			59	7		0.0204 J		
Di-n-butyl phthalate	84-74-2	mg/kg						ND		
Di-n-octyl phthalate	117-84-0	mg/kg						ND		
Diethyl phthalate	84-66-2	mg/kg						ND		
Dimethyl phthalate	131-11-3	mg/kg						ND		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						0.0343 J		
Fluoranthene	206-44-0	mg/kg			100	100		0.466		
Fluorene	86-73-7	mg/kg			100	30		ND		
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33		ND		
Hexachlorobutadiene	87-68-3	mg/kg						ND		
Hexachlorocyclopentadiene	77-47-4	mg/kg						ND ^g		
Hexachloroethane	67-72-1	mg/kg						ND		
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5		0.293		
Isophorone	78-59-1	mg/kg						ND		
2-Methylnaphthalene	91-57-6	mg/kg						ND		
2-Nitroaniline	88-74-4	mg/kg						ND ^a		
3-Nitroaniline	99-09-2	mg/kg						ND ^a		
4-Nitroaniline	100-01-6	mg/kg						ND ^a		
Naphthalene	91-20-3	mg/kg			100	12		ND		
Nitrobenzene	98-95-3	mg/kg			15			ND		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg						ND		
N-Nitrosodiphenylamine	86-30-6	mg/kg						ND		
Phenanthrene	85-01-8	mg/kg			100	100		0.165		
Pyrene	129-00-0	mg/kg			100	100		0.447		
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg						ND		
2-Fluorophenol	367-12-4	%						63		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (13.5-14)	SB13 (17-17.5)	SB13 (17-17.5)	SB13 (17-17.5)
Lab Sample ID:							JD58609-15B	JD58609-16	JD58609-16A	JD58609-16B
Location:										
Date Sampled:							1/11/2023 10:10 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%						69		
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%						96		
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%						89		
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%						81		
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%						79		
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05		0.0147		
Benzene	71-43-2	mg/kg			4.8	0.06		ND		
Bromochloromethane	74-97-5	mg/kg						ND		
Bromodichloromethane	75-27-4	mg/kg						ND		
Bromoform	75-25-2	mg/kg						ND		
Bromomethane	74-83-9	mg/kg						ND °		
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12		ND		
Carbon disulfide	75-15-0	mg/kg						0.0013 J		
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76		ND		
Chlorobenzene	108-90-7	mg/kg			100	1.1		ND		
Chloroethane	75-00-3	mg/kg						ND		
Chloroform	67-66-3	mg/kg			49	0.37		ND		
Chloromethane	74-87-3	mg/kg						ND		
Cyclohexane	110-82-7	mg/kg						ND		
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg						ND		
Dibromochloromethane	124-48-1	mg/kg						ND		
1,2-Dibromoethane	106-93-4	mg/kg						ND		
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1		ND		
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4		ND		
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8		ND		
Dichlorodifluoromethane	75-71-8	mg/kg						ND °		
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27		ND		
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02		ND		
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33		ND		
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25		ND		
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19		ND		
1,2-Dichloropropane	78-87-5	mg/kg						ND		
cis-1,3-Dichloropropene	10061-01-5	mg/kg						ND		
trans-1,3-Dichloropropene	10061-02-6	mg/kg						ND		
Ethylbenzene	100-41-4	mg/kg			41	1		ND		
Freon 113	76-13-1	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (13.5-14)	SB13 (17-17.5)	SB13 (17-17.5)	SB13 (17-17.5)
Lab Sample ID:							JD58609-15B	JD58609-16	JD58609-16A	JD58609-16B
Location:										
Date Sampled:							1/11/2023 10:10 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg						ND		
Isopropylbenzene	98-82-8	mg/kg						ND		
Methyl Acetate	79-20-9	mg/kg						ND		
Methylcyclohexane	108-87-2	mg/kg						ND		
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93		ND		
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg						ND		
Methylene chloride	75-09-2	mg/kg			100	0.05		ND		
Styrene	100-42-5	mg/kg						ND		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						ND		
Tetrachloroethene	127-18-4	mg/kg			19	1.3		ND		
Toluene	108-88-3	mg/kg			100	0.7		ND		
1,2,3-Trichlorobenzene	87-61-6	mg/kg						ND		
1,2,4-Trichlorobenzene	120-82-1	mg/kg						ND		
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68		ND		
1,1,2-Trichloroethane	79-00-5	mg/kg						ND		
Trichloroethene	79-01-6	mg/kg			21	0.47		ND		
Trichlorofluoromethane	75-69-4	mg/kg						ND		
Vinyl chloride	75-01-4	mg/kg			0.9	0.02		ND		
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26		ND		
o-Xylene	95-47-6	mg/kg			100	0.26		ND		
Xylene (total)	1330-20-7	mg/kg			100	0.26		ND		
Dibromofluoromethane	1868-53-7	%						98		
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%						101		
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%						99		
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%						98		
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB13 (13.5-14)	SB13 (17-17.5)	SB13 (17-17.5)	SB13 (17-17.5)
Lab Sample ID:							JD58609-15B	JD58609-16	JD58609-16A	JD58609-16B
Location:										
Date Sampled:							1/11/2023 10:10 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM	1/11/2023 10:15 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:			Soil	Soil	Soil	Soil				
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005			ND	
alpha-BHC	319-84-6	mg/kg			0.48	0.02			ND	
beta-BHC	319-85-7	mg/kg			0.36	0.036			ND	
delta-BHC	319-86-8	mg/kg			100	0.04			ND	
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1			ND	
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094			ND ^a	
gamma-Chlordane	5103-74-2	mg/kg							ND ^a	
Dieldrin	60-57-1	mg/kg			0.2	0.005			ND	
4,4'-DDD	72-54-8	mg/kg			13	0.0033			ND	
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033			ND	
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033			ND	
Endrin	72-20-8	mg/kg			11	0.014			ND	
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4			ND	
Endrin aldehyde	7421-93-4	mg/kg							ND	
Endrin ketone	53494-70-5	mg/kg							ND	
Endosulfan-I	959-98-8	mg/kg			24	2.4			ND	
Endosulfan-II	33213-65-9	mg/kg			24	2.4			ND	
Heptachlor	76-44-8	mg/kg			2.1	0.042			ND	
Heptachlor epoxide	1024-57-3	mg/kg							ND	
Methoxychlor	72-43-5	mg/kg							ND	
Toxaphene	8001-35-2	mg/kg							ND	
Tetrachloro-m-xylene	877-09-8	%							90 ^e	
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%							90 ^d	
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1	ND			ND
Aroclor 1221	11104-28-2	mg/kg			1	0.1	ND			ND
Aroclor 1232	11141-16-5	mg/kg			1	0.1	ND			ND
Aroclor 1242	53469-21-9	mg/kg			1	0.1	ND			ND
Aroclor 1248	12672-29-6	mg/kg			1	0.1	ND			ND
Aroclor 1254	11097-69-1	mg/kg			1	0.1	ND			ND
Aroclor 1260	11096-82-5	mg/kg			1	0.1	ND			ND
Aroclor 1268	11100-14-4	mg/kg			1	0.1	ND			ND
Aroclor 1262	37324-23-5	mg/kg			1	0.1	ND			ND
Tetrachloro-m-xylene	877-09-8	%					53			75
Tetrachloro-m-xylene (1)	877-09-8	%					57			82
Decachlorobiphenyl	2051-24-3	%					59			68

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%					61			70
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%					94.8			94.6
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27	<0.23			<0.25
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg					6040			6210
Antimony	7440-36-0	mg/kg					<2.2			<2.2
Arsenic	7440-38-2	mg/kg			16	13	<2.2			<2.2
Barium	7440-39-3	mg/kg			400	350	44.7			43.5
Beryllium	7440-41-7	mg/kg			72	7.2	0.27			0.27
Cadmium	7440-43-9	mg/kg			4.3	2.5	<0.54			<0.54
Calcium	7440-70-2	mg/kg					14200			13400
Chromium	7440-47-3	mg/kg					11.8			16.9
Cobalt	7440-48-4	mg/kg					<5.4			5.7
Copper	7440-50-8	mg/kg			270	50	13.8			14.8
Iron	7439-89-6	mg/kg					11300			12000
Lead	7439-92-1	mg/kg			400	63	14.9			5.6
Magnesium	7439-95-4	mg/kg					9360			7760
Manganese	7439-96-5	mg/kg			2000	1600	180			181
Nickel	7440-02-0	mg/kg			310	30	9.7			10.5
Potassium	7440-09-7	mg/kg					1940			1930
Selenium	7782-49-2	mg/kg			180	3.9	<2.2			<2.2
Silver	7440-22-4	mg/kg			180	2	<0.54			<0.54
Sodium	7440-23-5	mg/kg					<1100			<1100
Thallium	7440-28-0	mg/kg					<1.1			<1.1
Vanadium	7440-62-2	mg/kg					16.6			19.2
Zinc	7440-66-6	mg/kg			10000	109	<54			<54
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18	<0.028			<0.035
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg						ND		
Perfluoropentanoic acid	2706-90-3	mg/kg						ND		
Perfluorohexanoic acid	307-24-4	mg/kg						ND		
Perfluoroheptanoic acid	375-85-9	mg/kg						ND		
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066		ND		
Perfluorononanoic acid	375-95-1	mg/kg						ND		
Perfluorodecanoic acid	335-76-2	mg/kg						ND		
Perfluoroundecanoic acid	2058-94-8	mg/kg						ND		
Perfluorododecanoic acid	307-55-1	mg/kg						ND		
Perfluorotridecanoic acid	72629-94-8	mg/kg						ND		
Perfluorotetradecanoic acid	376-06-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg						ND		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg						ND		
Perfluorohexanesulfonic acid	355-46-4	mg/kg						ND		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg						ND		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088		ND		
Perfluorononanesulfonic acid	68259-12-1	mg/kg						ND		
Perfluorodecanesulfonic acid	335-77-3	mg/kg						ND		
Perfluorododecanesulfonic acid	79780-39-5	mg/kg						ND		
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg						ND		
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg						ND		
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg						ND		
PFOSA	754-91-6	mg/kg						ND		
MeFOSA	31506-32-8	mg/kg						ND		
EtFOSA	4151-50-2	mg/kg						ND		
MeFOSAA	2355-31-9	mg/kg						ND		
EtFOSAA	2991-50-6	mg/kg						ND		
MeFOSE	24448-09-7	mg/kg						ND		
EtFOSE	1691-99-2	mg/kg						ND		
HFPO-DA (GenX)	13252-13-6	mg/kg						ND		
ADONA	919005-14-4	mg/kg						ND		
PFMPA	377-73-1	mg/kg						ND		
PFMBA	863090-89-5	mg/kg						ND		
NFDHA	151772-58-6	mg/kg						ND		
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg						ND		
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg						ND		
PFEESA	113507-82-7	mg/kg						ND		
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg						ND		
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg						ND		
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg						ND		
13C4-PFBA	13C4-PFBA	%						88 ^f		
13C5-PFPeA	13C5-PFPEA	%						88 ^f		
13C5-PFHxA	13C5-PFHXA	%						89 ^f		
13C4-PFHpA	13C4-PFHPA	%						86 ^f		
13C8-PFOA	13C8-PFOA	%						96 ^f		
13C9-PFNA	13C9-PFNA	%						85 ^f		
13C6-PFDA	13C6-PFDA	%						88 ^f		
13C7-PFUnDA	13C7-PFUNDA	%						86 ^f		
13C2-PFDoDA	13C2-PFDODA	%						80 ^f		
13C2-PFTeDA	13C2-PFTEDA	%						60 ^f		
13C3-PFBS	13C3-PFBS	%						82 ^f		
13C3-PFHxS	13C3-PFHXS	%						91 ^f		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%						81 ^f		
13C8-FOSA	13C8-FOSA	%						88 ^f		
d3-MeFOSA	D3-NMEFOSA	%						73 ^f		
d5-EtFOSA	D5-NETFOSA	%						70 ^f		
d3-MeFOSAA	D3-NMEFOSAA	%						77 ^f		
d5-EtFOSAA	D5-NETFOSAA	%						78 ^f		
d7-MeFOSE	D7-NMEFOSE	%						63 ^f		
d9-EtFOSE	D9-NETFOSE	%						68 ^f		
13C2-4:2FTS	13C2-4:2FTS	%						98 ^f		
13C2-6:2FTS	13C2-6:2FTS	%						100 ^f		
13C2-8:2FTS	13C2-8:2FTS	%						87 ^f		
13C3-HFPO-DA	13C3-HFPO-DA	%						93 ^f		
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg					ND			ND
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND			ND
2,4-Dichlorophenol	120-83-2	mg/kg					ND			ND
2,4-Dimethylphenol	105-67-9	mg/kg					ND			ND
2,4-Dinitrophenol	51-28-5	mg/kg					ND			ND
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND			ND
2-Methylphenol	95-48-7	mg/kg			100	0.33	ND			ND
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND			ND
2-Nitrophenol	88-75-5	mg/kg					ND			ND
4-Nitrophenol	100-02-7	mg/kg					ND			ND
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8	ND			ND
Phenol	108-95-2	mg/kg			100	0.33	ND			ND
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND			ND
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND			ND
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND			ND
Acenaphthene	83-32-9	mg/kg			100	20	0.0732			ND
Acenaphthylene	208-96-8	mg/kg			100	100	0.0243 J			ND
Acetophenone	98-86-2	mg/kg					ND			ND
Anthracene	120-12-7	mg/kg			100	100	0.268			ND
Atrazine	1912-24-9	mg/kg					ND			ND
Benzo(a)anthracene	56-55-3	mg/kg			1	1	1.66			0.0661
Benzo(a)pyrene	50-32-8	mg/kg			1	1	1.34			0.0642
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1	0.978			0.0596
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100	0.65			0.0433
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8	0.402			0.021 J
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND			ND
Butyl benzyl phthalate	85-68-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg					0.0055 J			ND
Benzaldehyde	100-52-7	mg/kg					0.0128 J			ND
2-Chloronaphthalene	91-58-7	mg/kg					ND			ND
4-Chloroaniline	106-47-8	mg/kg					ND			ND
Carbazole	86-74-8	mg/kg					0.0139 J ^b			ND ^a
Caprolactam	105-60-2	mg/kg					ND			ND
Chrysene	218-01-9	mg/kg			3.9	1	1.6			0.0531
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND			ND
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND			ND
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND			ND
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND			ND
2,4-Dinitrotoluene	121-14-2	mg/kg					ND			ND
2,6-Dinitrotoluene	606-20-2	mg/kg					ND			ND
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND ^a			ND ^a
1,4-Dioxane	123-91-1	mg/kg			13	0.1	ND			ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33	0.241			ND
Dibenzofuran	132-64-9	mg/kg			59	7	ND			ND
Di-n-butyl phthalate	84-74-2	mg/kg					ND ^a			0.0074 J ^b
Di-n-octyl phthalate	117-84-0	mg/kg					ND			ND
Diethyl phthalate	84-66-2	mg/kg					ND			ND
Dimethyl phthalate	131-11-3	mg/kg					ND			ND
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					ND ^a			ND ^a
Fluoranthene	206-44-0	mg/kg			100	100	1.89 ^b			0.078 ^b
Fluorene	86-73-7	mg/kg			100	30	0.0347			ND
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33	ND			ND
Hexachlorobutadiene	87-68-3	mg/kg					ND ^a			ND ^a
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND			ND
Hexachloroethane	67-72-1	mg/kg					ND			ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5	0.729			0.0507
Isophorone	78-59-1	mg/kg					ND			ND
2-Methylnaphthalene	91-57-6	mg/kg					0.0195 J			ND
2-Nitroaniline	88-74-4	mg/kg					ND			ND
3-Nitroaniline	99-09-2	mg/kg					ND			ND
4-Nitroaniline	100-01-6	mg/kg					ND			ND
Naphthalene	91-20-3	mg/kg			100	12	0.0358			ND
Nitrobenzene	98-95-3	mg/kg			15		ND			ND
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND			ND
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND			ND
Phenanthrene	85-01-8	mg/kg			100	100	0.697			0.0313 J
Pyrene	129-00-0	mg/kg			100	100	2.58			0.114
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND			ND
2-Fluorophenol	367-12-4	%					47			24

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%					54			
Phenol-d5	4165-62-2	%					51			37
Phenol-d5 (1)	4165-62-2	%					58			
2,4,6-Tribromophenol	118-79-6	%					81			29
2,4,6-Tribromophenol (1)	118-79-6	%					73			
Nitrobenzene-d5	4165-60-0	%					64			32
Nitrobenzene-d5 (1)	4165-60-0	%					53			
2-Fluorobiphenyl	321-60-8	%					69			41
2-Fluorobiphenyl (1)	321-60-8	%					64			
Terphenyl-d14	1718-51-0	%					65			61
Terphenyl-d14 (1)	1718-51-0	%					79			
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05	ND			0.0071 J
Benzene	71-43-2	mg/kg			4.8	0.06	ND			ND
Bromochloromethane	74-97-5	mg/kg					ND			ND
Bromodichloromethane	75-27-4	mg/kg					ND			ND
Bromoform	75-25-2	mg/kg					ND			ND
Bromomethane	74-83-9	mg/kg					ND ^a			ND
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12	ND			ND
Carbon disulfide	75-15-0	mg/kg					ND			ND ^c
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76	ND			ND
Chlorobenzene	108-90-7	mg/kg			100	1.1	ND			ND
Chloroethane	75-00-3	mg/kg					ND ^a			ND
Chloroform	67-66-3	mg/kg			49	0.37	ND			ND
Chloromethane	74-87-3	mg/kg					ND			ND
Cyclohexane	110-82-7	mg/kg					ND			ND
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND			ND
Dibromochloromethane	124-48-1	mg/kg					ND			ND
1,2-Dibromoethane	106-93-4	mg/kg					ND			ND
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1	ND			ND
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4	ND			ND
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8	ND			ND
Dichlorodifluoromethane	75-71-8	mg/kg					ND			ND
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27	ND			ND
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02	ND			ND
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33	ND			ND
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25	ND			ND
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19	ND			ND
1,2-Dichloropropane	78-87-5	mg/kg					ND			ND
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND			ND
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND			ND
Ethylbenzene	100-41-4	mg/kg			41	1	ND			ND
Freon 113	76-13-1	mg/kg					ND ⁱ			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg					ND			ND
Isopropylbenzene	98-82-8	mg/kg					ND			ND
Methyl Acetate	79-20-9	mg/kg					ND			ND
Methylcyclohexane	108-87-2	mg/kg					ND			ND
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93	ND			ND
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg					ND			ND
Methylene chloride	75-09-2	mg/kg			100	0.05	ND			ND
Styrene	100-42-5	mg/kg					ND			ND
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND			ND
Tetrachloroethene	127-18-4	mg/kg			19	1.3	ND			ND
Toluene	108-88-3	mg/kg			100	0.7	ND			ND
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND			ND
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND			ND
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68	ND			ND
1,1,2-Trichloroethane	79-00-5	mg/kg					ND			ND
Trichloroethene	79-01-6	mg/kg			21	0.47	ND			ND
Trichlorofluoromethane	75-69-4	mg/kg					ND			ND
Vinyl chloride	75-01-4	mg/kg			0.9	0.02	ND			ND
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26	ND			ND
o-Xylene	95-47-6	mg/kg			100	0.26	ND			ND
Xylene (total)	1330-20-7	mg/kg			100	0.26	ND			ND
Dibromofluoromethane	1868-53-7	%					102			89
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%					115			101
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%					104			100
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%					96			96
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (3-3.5)	SB10 (3-3.5)	SB10 (3-3.5)	SB10 (6-6.5)
Lab Sample ID:							JD58609-21	JD58609-21A	JD58609-21B	JD58609-22
Location:										
Date Sampled:							1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:10 PM	1/11/2023 12:15 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005		ND		
alpha-BHC	319-84-6	mg/kg			0.48	0.02		ND		
beta-BHC	319-85-7	mg/kg			0.36	0.036		ND		
delta-BHC	319-86-8	mg/kg			100	0.04		ND		
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1		ND		
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094		ND ^a		
gamma-Chlordane	5103-74-2	mg/kg						ND ^a		
Dieldrin	60-57-1	mg/kg			0.2	0.005		ND		
4,4'-DDD	72-54-8	mg/kg			13	0.0033		ND		
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033		ND		
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033		ND		
Endrin	72-20-8	mg/kg			11	0.014		ND		
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4		ND		
Endrin aldehyde	7421-93-4	mg/kg						ND		
Endrin ketone	53494-70-5	mg/kg						ND		
Endosulfan-I	959-98-8	mg/kg			24	2.4		ND		
Endosulfan-II	33213-65-9	mg/kg			24	2.4		ND		
Heptachlor	76-44-8	mg/kg			2.1	0.042		ND		
Heptachlor epoxide	1024-57-3	mg/kg						ND		
Methoxychlor	72-43-5	mg/kg						ND		
Toxaphene	8001-35-2	mg/kg						ND		
Tetrachloro-m-xylene	877-09-8	%						103 ^e		
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%						98 ^d		
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1			ND	
Aroclor 1221	11104-28-2	mg/kg			1	0.1			ND	
Aroclor 1232	11141-16-5	mg/kg			1	0.1			ND	
Aroclor 1242	53469-21-9	mg/kg			1	0.1			ND	
Aroclor 1248	12672-29-6	mg/kg			1	0.1			ND	
Aroclor 1254	11097-69-1	mg/kg			1	0.1			ND	
Aroclor 1260	11096-82-5	mg/kg			1	0.1			ND	
Aroclor 1268	11100-14-4	mg/kg			1	0.1			ND	
Aroclor 1262	37324-23-5	mg/kg			1	0.1			ND	
Tetrachloro-m-xylene	877-09-8	%							109	
Tetrachloro-m-xylene (1)	877-09-8	%							120	
Decachlorobiphenyl	2051-24-3	%							98	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%							100	
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%							80.9	
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27			<0.27	
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg							3870	
Antimony	7440-36-0	mg/kg							<1.6	
Arsenic	7440-38-2	mg/kg			16	13			<1.6	
Barium	7440-39-3	mg/kg			400	350			31.3	
Beryllium	7440-41-7	mg/kg			72	7.2			0.18	
Cadmium	7440-43-9	mg/kg			4.3	2.5			<0.41	
Calcium	7440-70-2	mg/kg							25600	
Chromium	7440-47-3	mg/kg							8	
Cobalt	7440-48-4	mg/kg							<4.1	
Copper	7440-50-8	mg/kg			270	50			9.5	
Iron	7439-89-6	mg/kg							7480	
Lead	7439-92-1	mg/kg			400	63			1.8	
Magnesium	7439-95-4	mg/kg							12400	
Manganese	7439-96-5	mg/kg			2000	1600			92.5	
Nickel	7440-02-0	mg/kg			310	30			6.6	
Potassium	7440-09-7	mg/kg							1480	
Selenium	7782-49-2	mg/kg			180	3.9			<1.6	
Silver	7440-22-4	mg/kg			180	2			<0.41	
Sodium	7440-23-5	mg/kg							<820	
Thallium	7440-28-0	mg/kg							<0.82	
Vanadium	7440-62-2	mg/kg							10.3	
Zinc	7440-66-6	mg/kg			10000	109			<41	
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18			<0.038	
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg					ND			ND
Perfluoropentanoic acid	2706-90-3	mg/kg					ND			ND
Perfluorohexanoic acid	307-24-4	mg/kg					ND			ND
Perfluoroheptanoic acid	375-85-9	mg/kg					ND			ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066	ND			ND
Perfluorononanoic acid	375-95-1	mg/kg					ND			ND
Perfluorodecanoic acid	335-76-2	mg/kg					ND			ND
Perfluoroundecanoic acid	2058-94-8	mg/kg					ND			ND
Perfluorododecanoic acid	307-55-1	mg/kg					ND			ND
Perfluorotridecanoic acid	72629-94-8	mg/kg					ND			ND
Perfluorotetradecanoic acid	376-06-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg					ND			ND
Perfluoropentanesulfonic acid	2706-91-4	mg/kg					ND			ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg					ND			ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg					ND			ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088	ND			ND
Perfluorononanesulfonic acid	68259-12-1	mg/kg					ND			ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg					ND			ND
Perfluorododecanesulfonic acid	79780-39-5	mg/kg					ND			ND
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg					ND			ND
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg					ND			ND
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg					ND			ND
PFOSA	754-91-6	mg/kg					ND			ND
MeFOSA	31506-32-8	mg/kg					ND			ND
EtFOSA	4151-50-2	mg/kg					ND			ND
MeFOSAA	2355-31-9	mg/kg					ND			ND
EtFOSAA	2991-50-6	mg/kg					ND			ND
MeFOSE	24448-09-7	mg/kg					ND			ND
EtFOSE	1691-99-2	mg/kg					ND			ND
HFPO-DA (GenX)	13252-13-6	mg/kg					ND			ND
ADONA	919005-14-4	mg/kg					ND			ND
PFMPA	377-73-1	mg/kg					ND			ND
PFMBA	863090-89-5	mg/kg					ND			ND
NFDHA	151772-58-6	mg/kg					ND			ND
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg					ND			ND
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg					ND			ND
PFEESA	113507-82-7	mg/kg					ND			ND
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg					ND			ND
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg					ND			ND
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg					ND			ND
13C4-PFBA	13C4-PFBA	%					82 ^f			80 ^f
13C5-PFPeA	13C5-PFPEA	%					83 ^f			82 ^f
13C5-PFHxA	13C5-PFHXA	%					84 ^f			80 ^f
13C4-PFHpA	13C4-PFHPA	%					82 ^f			84 ^f
13C8-PFOA	13C8-PFOA	%					82 ^f			80 ^f
13C9-PFNA	13C9-PFNA	%					83 ^f			77 ^f
13C6-PFDA	13C6-PFDA	%					77 ^f			72 ^f
13C7-PFUnDA	13C7-PFUNDA	%					78 ^f			73 ^f
13C2-PFDoDA	13C2-PFDODA	%					73 ^f			75 ^f
13C2-PFTeDA	13C2-PFTEDA	%					58 ^f			60 ^f
13C3-PFBS	13C3-PFBS	%					73 ^f			75 ^f
13C3-PFHxS	13C3-PFHXS	%					80 ^f			85 ^f

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%					78 ^f			80 ^f
13C8-FOSA	13C8-FOSA	%					82 ^f			78 ^f
d3-MeFOSA	D3-NMEFOSA	%					73 ^f			64 ^f
d5-EtFOSA	D5-NETFOSA	%					63 ^f			58 ^f
d3-MeFOSAA	D3-NMEFOSAA	%					77 ^f			79 ^f
d5-EtFOSAA	D5-NETFOSAA	%					81 ^f			82 ^f
d7-MeFOSE	D7-NMEFOSE	%					61 ^f			64 ^f
d9-EtFOSE	D9-NETFOSE	%					63 ^f			63 ^f
13C2-4:2FTS	13C2-4:2FTS	%					91 ^f			89 ^f
13C2-6:2FTS	13C2-6:2FTS	%					82 ^f			81 ^f
13C2-8:2FTS	13C2-8:2FTS	%					78 ^f			80 ^f
13C3-HFPO-DA	13C3-HFPO-DA	%					87 ^f			91 ^f
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg							ND	
4-Chloro-3-methyl phenol	59-50-7	mg/kg							ND	
2,4-Dichlorophenol	120-83-2	mg/kg							ND	
2,4-Dimethylphenol	105-67-9	mg/kg							ND	
2,4-Dinitrophenol	51-28-5	mg/kg							ND ^a	
4,6-Dinitro-o-cresol	534-52-1	mg/kg							ND ^a	
2-Methylphenol	95-48-7	mg/kg			100	0.33			ND	
3&4-Methylphenol	M+P-CRESOLS	mg/kg							ND	
2-Nitrophenol	88-75-5	mg/kg							ND ^a	
4-Nitrophenol	100-02-7	mg/kg							ND	
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8			ND ^g	
Phenol	108-95-2	mg/kg			100	0.33			ND	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg							ND	
2,4,5-Trichlorophenol	95-95-4	mg/kg							ND	
2,4,6-Trichlorophenol	88-06-2	mg/kg							ND	
Acenaphthene	83-32-9	mg/kg			100	20			ND	
Acenaphthylene	208-96-8	mg/kg			100	100			ND	
Acetophenone	98-86-2	mg/kg							ND	
Anthracene	120-12-7	mg/kg			100	100			ND	
Atrazine	1912-24-9	mg/kg							ND ^a	
Benzo(a)anthracene	56-55-3	mg/kg			1	1			ND	
Benzo(a)pyrene	50-32-8	mg/kg			1	1			ND	
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1			ND	
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100			ND	
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8			ND	
4-Bromophenyl phenyl ether	101-55-3	mg/kg							ND	
Butyl benzyl phthalate	85-68-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg							ND	
Benzaldehyde	100-52-7	mg/kg							ND	
2-Chloronaphthalene	91-58-7	mg/kg							ND	
4-Chloroaniline	106-47-8	mg/kg							ND	
Carbazole	86-74-8	mg/kg							ND	
Caprolactam	105-60-2	mg/kg							ND ^a	
Chrysene	218-01-9	mg/kg			3.9	1			ND	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							ND	
bis(2-Chloroethyl)ether	111-44-4	mg/kg							ND	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg							ND	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							ND	
2,4-Dinitrotoluene	121-14-2	mg/kg							ND ^a	
2,6-Dinitrotoluene	606-20-2	mg/kg							ND ^a	
3,3'-Dichlorobenzidine	91-94-1	mg/kg							ND ^a	
1,4-Dioxane	123-91-1	mg/kg			13	0.1			ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33			ND	
Dibenzofuran	132-64-9	mg/kg			59	7			ND	
Di-n-butyl phthalate	84-74-2	mg/kg							ND	
Di-n-octyl phthalate	117-84-0	mg/kg							ND	
Diethyl phthalate	84-66-2	mg/kg							ND	
Dimethyl phthalate	131-11-3	mg/kg							ND	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							ND	
Fluoranthene	206-44-0	mg/kg			100	100			ND	
Fluorene	86-73-7	mg/kg			100	30			ND	
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33			ND	
Hexachlorobutadiene	87-68-3	mg/kg							ND	
Hexachlorocyclopentadiene	77-47-4	mg/kg							ND ^g	
Hexachloroethane	67-72-1	mg/kg							ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5			ND ^a	
Isophorone	78-59-1	mg/kg							ND	
2-Methylnaphthalene	91-57-6	mg/kg							ND	
2-Nitroaniline	88-74-4	mg/kg							ND ^a	
3-Nitroaniline	99-09-2	mg/kg							ND ^a	
4-Nitroaniline	100-01-6	mg/kg							ND ^a	
Naphthalene	91-20-3	mg/kg			100	12			ND	
Nitrobenzene	98-95-3	mg/kg			15				ND	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg							ND	
N-Nitrosodiphenylamine	86-30-6	mg/kg							ND	
Phenanthrene	85-01-8	mg/kg			100	100			ND	
Pyrene	129-00-0	mg/kg			100	100			ND	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg							ND	
2-Fluorophenol	367-12-4	%							45	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%							51	
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%							70	
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%							59	
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%							62	
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%							63	
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05			ND	
Benzene	71-43-2	mg/kg			4.8	0.06			ND	
Bromochloromethane	74-97-5	mg/kg							ND	
Bromodichloromethane	75-27-4	mg/kg							ND	
Bromoform	75-25-2	mg/kg							ND	
Bromomethane	74-83-9	mg/kg							ND	
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12			ND	
Carbon disulfide	75-15-0	mg/kg							ND ^c	
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76			ND	
Chlorobenzene	108-90-7	mg/kg			100	1.1			ND	
Chloroethane	75-00-3	mg/kg							ND	
Chloroform	67-66-3	mg/kg			49	0.37			0.00088 J	
Chloromethane	74-87-3	mg/kg							ND	
Cyclohexane	110-82-7	mg/kg							ND	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg							ND	
Dibromochloromethane	124-48-1	mg/kg							ND	
1,2-Dibromoethane	106-93-4	mg/kg							ND	
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1			ND	
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4			ND	
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8			ND	
Dichlorodifluoromethane	75-71-8	mg/kg							ND	
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27			ND	
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02			ND	
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33			ND	
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25			ND	
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19			ND	
1,2-Dichloropropane	78-87-5	mg/kg							ND	
cis-1,3-Dichloropropene	10061-01-5	mg/kg							ND	
trans-1,3-Dichloropropene	10061-02-6	mg/kg							ND	
Ethylbenzene	100-41-4	mg/kg			41	1			ND	
Freon 113	76-13-1	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg							ND	
Isopropylbenzene	98-82-8	mg/kg							ND	
Methyl Acetate	79-20-9	mg/kg							ND	
Methylcyclohexane	108-87-2	mg/kg							ND	
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93			ND	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg							ND	
Methylene chloride	75-09-2	mg/kg			100	0.05			ND	
Styrene	100-42-5	mg/kg							ND	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							ND	
Tetrachloroethene	127-18-4	mg/kg			19	1.3			ND	
Toluene	108-88-3	mg/kg			100	0.7			ND	
1,2,3-Trichlorobenzene	87-61-6	mg/kg							ND	
1,2,4-Trichlorobenzene	120-82-1	mg/kg							ND	
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68			ND	
1,1,2-Trichloroethane	79-00-5	mg/kg							ND	
Trichloroethene	79-01-6	mg/kg			21	0.47			ND	
Trichlorofluoromethane	75-69-4	mg/kg							ND	
Vinyl chloride	75-01-4	mg/kg			0.9	0.02			ND	
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26			ND	
o-Xylene	95-47-6	mg/kg			100	0.26			ND	
Xylene (total)	1330-20-7	mg/kg			100	0.26			ND	
Dibromofluoromethane	1868-53-7	%							91	
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%							99	
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%							100	
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%							99	
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (6-6.5)	SB10 (6-6.5)	SB10 (10.5-11)	SB10 (10.5-11)
Lab Sample ID:							JD58609-22A	JD58609-22B	JD58609-23	JD58609-23A
Location:										
Date Sampled:							1/11/2023 12:15 PM	1/11/2023 12:15 PM	1/11/2023 12:20 PM	1/11/2023 12:20 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (10.5-11)	SB10 (18-18.5)	SB10 (18-18.5)	SB10 (18-18.5)
Lab Sample ID:							JD58609-23B	JD58609-24	JD58609-24A	JD58609-24B
Location:										
Date Sampled:							1/11/2023 12:20 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM
Matrix:			Soil	Soil	Soil	Soil				
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005	ND			ND
alpha-BHC	319-84-6	mg/kg			0.48	0.02	ND			ND
beta-BHC	319-85-7	mg/kg			0.36	0.036	ND			ND
delta-BHC	319-86-8	mg/kg			100	0.04	ND			ND
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1	ND			ND
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094	ND ^a			ND ^a
gamma-Chlordane	5103-74-2	mg/kg					ND ^a			ND ^a
Dieldrin	60-57-1	mg/kg			0.2	0.005	ND			ND
4,4'-DDD	72-54-8	mg/kg			13	0.0033	ND			ND
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033	ND			ND
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033	ND			ND
Endrin	72-20-8	mg/kg			11	0.014	ND			ND
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4	ND			ND
Endrin aldehyde	7421-93-4	mg/kg					ND			ND
Endrin ketone	53494-70-5	mg/kg					ND			ND
Endosulfan-I	959-98-8	mg/kg			24	2.4	ND			ND
Endosulfan-II	33213-65-9	mg/kg			24	2.4	ND			ND
Heptachlor	76-44-8	mg/kg			2.1	0.042	ND			ND
Heptachlor epoxide	1024-57-3	mg/kg					ND			ND
Methoxychlor	72-43-5	mg/kg					ND			ND
Toxaphene	8001-35-2	mg/kg					ND			ND
Tetrachloro-m-xylene	877-09-8	%					98 ^e			98 ^e
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%					104 ^d			106 ^d
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1		ND		
Aroclor 1221	11104-28-2	mg/kg			1	0.1		ND		
Aroclor 1232	11141-16-5	mg/kg			1	0.1		ND		
Aroclor 1242	53469-21-9	mg/kg			1	0.1		ND		
Aroclor 1248	12672-29-6	mg/kg			1	0.1		ND		
Aroclor 1254	11097-69-1	mg/kg			1	0.1		ND		
Aroclor 1260	11096-82-5	mg/kg			1	0.1		ND		
Aroclor 1268	11100-14-4	mg/kg			1	0.1		ND		
Aroclor 1262	37324-23-5	mg/kg			1	0.1		ND		
Tetrachloro-m-xylene	877-09-8	%						80		
Tetrachloro-m-xylene (1)	877-09-8	%						90		
Decachlorobiphenyl	2051-24-3	%						78		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (10.5-11)	SB10 (18-18.5)	SB10 (18-18.5)	SB10 (18-18.5)
Lab Sample ID:							JD58609-23B	JD58609-24	JD58609-24A	JD58609-24B
Location:										
Date Sampled:							1/11/2023 12:20 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%						81		
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%						81		
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27		<0.34		
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg						5090		
Antimony	7440-36-0	mg/kg						<2.6		
Arsenic	7440-38-2	mg/kg			16	13		<2.6		
Barium	7440-39-3	mg/kg			400	350		41.2		
Beryllium	7440-41-7	mg/kg			72	7.2		<0.26		
Cadmium	7440-43-9	mg/kg			4.3	2.5		<0.64		
Calcium	7440-70-2	mg/kg						25200		
Chromium	7440-47-3	mg/kg						11.6		
Cobalt	7440-48-4	mg/kg						<6.4		
Copper	7440-50-8	mg/kg			270	50		12		
Iron	7439-89-6	mg/kg						9820		
Lead	7439-92-1	mg/kg			400	63		<2.6		
Magnesium	7439-95-4	mg/kg						13000		
Manganese	7439-96-5	mg/kg			2000	1600		127		
Nickel	7440-02-0	mg/kg			310	30		9.2		
Potassium	7440-09-7	mg/kg						1830		
Selenium	7782-49-2	mg/kg			180	3.9		<2.6		
Silver	7440-22-4	mg/kg			180	2		<0.64		
Sodium	7440-23-5	mg/kg						<1300		
Thallium	7440-28-0	mg/kg						<1.3		
Vanadium	7440-62-2	mg/kg						14.9		
Zinc	7440-66-6	mg/kg			10000	109		<64		
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18		<0.038		
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg							ND	
Perfluoropentanoic acid	2706-90-3	mg/kg							ND	
Perfluorohexanoic acid	307-24-4	mg/kg							ND	
Perfluoroheptanoic acid	375-85-9	mg/kg							ND	
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066			ND	
Perfluorononanoic acid	375-95-1	mg/kg							ND	
Perfluorodecanoic acid	335-76-2	mg/kg							ND	
Perfluoroundecanoic acid	2058-94-8	mg/kg							ND	
Perfluorododecanoic acid	307-55-1	mg/kg							ND	
Perfluorotridecanoic acid	72629-94-8	mg/kg							ND	
Perfluorotetradecanoic acid	376-06-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

[illegible]

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (10.5-11)	SB10 (18-18.5)	SB10 (18-18.5)	SB10 (18-18.5)
Lab Sample ID:							JD58609-23B	JD58609-24	JD58609-24A	JD58609-24B
Location:										
Date Sampled:							1/11/2023 12:20 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%							75 ^f	
13C8-FOSA	13C8-FOSA	%							80 ^f	
d3-MeFOSA	D3-NMEFOSA	%							69 ^f	
d5-EtFOSA	D5-NETFOSA	%							60 ^f	
d3-MeFOSAA	D3-NMEFOSAA	%							74 ^f	
d5-EtFOSAA	D5-NETFOSAA	%							75 ^f	
d7-MeFOSE	D7-NMEFOSE	%							56 ^f	
d9-EtFOSE	D9-NETFOS	%							55 ^f	
13C2-4:2FTS	13C2-4:2FTS	%							99 ^f	
13C2-6:2FTS	13C2-6:2FTS	%							95 ^f	
13C2-8:2FTS	13C2-8:2FTS	%							86 ^f	
13C3-HFPO-DA	13C3-HFPO-DA	%							84 ^f	
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg						ND		
4-Chloro-3-methyl phenol	59-50-7	mg/kg						ND		
2,4-Dichlorophenol	120-83-2	mg/kg						ND		
2,4-Dimethylphenol	105-67-9	mg/kg						ND		
2,4-Dinitrophenol	51-28-5	mg/kg						ND		
4,6-Dinitro-o-cresol	534-52-1	mg/kg						ND		
2-Methylphenol	95-48-7	mg/kg			100	0.33		ND		
3&4-Methylphenol	M+P-CRESOLS	mg/kg						ND		
2-Nitrophenol	88-75-5	mg/kg						ND		
4-Nitrophenol	100-02-7	mg/kg						ND		
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8		ND		
Phenol	108-95-2	mg/kg			100	0.33		ND		
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg						ND		
2,4,5-Trichlorophenol	95-95-4	mg/kg						ND		
2,4,6-Trichlorophenol	88-06-2	mg/kg						ND		
Acenaphthene	83-32-9	mg/kg			100	20		ND		
Acenaphthylene	208-96-8	mg/kg			100	100		ND		
Acetophenone	98-86-2	mg/kg						ND		
Anthracene	120-12-7	mg/kg			100	100		ND		
Atrazine	1912-24-9	mg/kg						ND		
Benzo(a)anthracene	56-55-3	mg/kg			1	1		ND		
Benzo(a)pyrene	50-32-8	mg/kg			1	1		ND		
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1		ND		
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100		ND		
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8		ND		
4-Bromophenyl phenyl ether	101-55-3	mg/kg						ND		
Butyl benzyl phthalate	85-68-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (10.5-11)	SB10 (18-18.5)	SB10 (18-18.5)	SB10 (18-18.5)
Lab Sample ID:							JD58609-23B	JD58609-24	JD58609-24A	JD58609-24B
Location:										
Date Sampled:							1/11/2023 12:20 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg						ND		
Benzaldehyde	100-52-7	mg/kg						ND		
2-Chloronaphthalene	91-58-7	mg/kg						ND		
4-Chloroaniline	106-47-8	mg/kg						ND		
Carbazole	86-74-8	mg/kg						ND ^a		
Caprolactam	105-60-2	mg/kg						ND		
Chrysene	218-01-9	mg/kg			3.9	1		ND		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						ND		
bis(2-Chloroethyl)ether	111-44-4	mg/kg						ND		
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg						ND		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						ND		
2,4-Dinitrotoluene	121-14-2	mg/kg						ND		
2,6-Dinitrotoluene	606-20-2	mg/kg						ND		
3,3'-Dichlorobenzidine	91-94-1	mg/kg						ND ^a		
1,4-Dioxane	123-91-1	mg/kg			13	0.1		ND		
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33		ND		
Dibenzofuran	132-64-9	mg/kg			59	7		ND		
Di-n-butyl phthalate	84-74-2	mg/kg						ND ^a		
Di-n-octyl phthalate	117-84-0	mg/kg						ND		
Diethyl phthalate	84-66-2	mg/kg						ND		
Dimethyl phthalate	131-11-3	mg/kg						ND		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						ND ^a		
Fluoranthene	206-44-0	mg/kg			100	100		ND ^a		
Fluorene	86-73-7	mg/kg			100	30		ND		
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33		ND		
Hexachlorobutadiene	87-68-3	mg/kg						ND ^a		
Hexachlorocyclopentadiene	77-47-4	mg/kg						ND		
Hexachloroethane	67-72-1	mg/kg						ND		
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5		ND		
Isophorone	78-59-1	mg/kg						ND		
2-Methylnaphthalene	91-57-6	mg/kg						ND		
2-Nitroaniline	88-74-4	mg/kg						ND		
3-Nitroaniline	99-09-2	mg/kg						ND		
4-Nitroaniline	100-01-6	mg/kg						ND		
Naphthalene	91-20-3	mg/kg			100	12		ND		
Nitrobenzene	98-95-3	mg/kg			15			ND		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg						ND		
N-Nitrosodiphenylamine	86-30-6	mg/kg						ND		
Phenanthrene	85-01-8	mg/kg			100	100		ND		
Pyrene	129-00-0	mg/kg			100	100		ND		
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg						ND		
2-Fluorophenol	367-12-4	%						52		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (10.5-11)	SB10 (18-18.5)	SB10 (18-18.5)	SB10 (18-18.5)
Lab Sample ID:							JD58609-23B	JD58609-24	JD58609-24A	JD58609-24B
Location:										
Date Sampled:							1/11/2023 12:20 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%						51		
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%						65		
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%						49		
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%						51		
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%						78		
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05		ND		
Benzene	71-43-2	mg/kg			4.8	0.06		ND		
Bromochloromethane	74-97-5	mg/kg						ND		
Bromodichloromethane	75-27-4	mg/kg						ND		
Bromoform	75-25-2	mg/kg						ND		
Bromomethane	74-83-9	mg/kg						ND		
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12		ND		
Carbon disulfide	75-15-0	mg/kg						ND		
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76		ND		
Chlorobenzene	108-90-7	mg/kg			100	1.1		ND		
Chloroethane	75-00-3	mg/kg						ND		
Chloroform	67-66-3	mg/kg			49	0.37		ND		
Chloromethane	74-87-3	mg/kg						ND		
Cyclohexane	110-82-7	mg/kg						ND		
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg						ND		
Dibromochloromethane	124-48-1	mg/kg						ND		
1,2-Dibromoethane	106-93-4	mg/kg						ND		
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1		ND		
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4		ND		
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8		ND		
Dichlorodifluoromethane	75-71-8	mg/kg						ND		
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27		ND		
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02		ND		
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33		ND		
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25		ND		
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19		ND		
1,2-Dichloropropane	78-87-5	mg/kg						ND		
cis-1,3-Dichloropropene	10061-01-5	mg/kg						ND		
trans-1,3-Dichloropropene	10061-02-6	mg/kg						ND		
Ethylbenzene	100-41-4	mg/kg			41	1		ND		
Freon 113	76-13-1	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (10.5-11)	SB10 (18-18.5)	SB10 (18-18.5)	SB10 (18-18.5)
Lab Sample ID:							JD58609-23B	JD58609-24	JD58609-24A	JD58609-24B
Location:										
Date Sampled:							1/11/2023 12:20 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg						ND		
Isopropylbenzene	98-82-8	mg/kg						ND		
Methyl Acetate	79-20-9	mg/kg						ND		
Methylcyclohexane	108-87-2	mg/kg						ND		
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93		ND		
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg						ND		
Methylene chloride	75-09-2	mg/kg			100	0.05		ND		
Styrene	100-42-5	mg/kg						ND		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						ND		
Tetrachloroethene	127-18-4	mg/kg			19	1.3		ND		
Toluene	108-88-3	mg/kg			100	0.7		ND		
1,2,3-Trichlorobenzene	87-61-6	mg/kg						ND		
1,2,4-Trichlorobenzene	120-82-1	mg/kg						ND		
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68		ND		
1,1,2-Trichloroethane	79-00-5	mg/kg						ND		
Trichloroethene	79-01-6	mg/kg			21	0.47		ND		
Trichlorofluoromethane	75-69-4	mg/kg						ND		
Vinyl chloride	75-01-4	mg/kg			0.9	0.02		ND		
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26		ND		
o-Xylene	95-47-6	mg/kg			100	0.26		ND		
Xylene (total)	1330-20-7	mg/kg			100	0.26		ND		
Dibromofluoromethane	1868-53-7	%						95		
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%						100		
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%						98		
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%						99		
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58609	JD58609	JD58609	JD58609
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:										
Client Sample ID:							SB10 (10.5-11)	SB10 (18-18.5)	SB10 (18-18.5)	SB10 (18-18.5)
Lab Sample ID:							JD58609-23B	JD58609-24	JD58609-24A	JD58609-24B
Location:										
Date Sampled:							1/11/2023 12:20 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM	1/11/2023 12:25 PM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(2-2.5)	SB19(2-2.5)	SB19(2-2.5)	SB19(8.5-9)
Lab Sample ID:							JD58693-17	JD58693-17A	JD58693-17B	JD58693-18
Location:										
Date Sampled:							1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:55 AM
Matrix:			Soil	Soil	Soil	Soil				
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005		ND		
alpha-BHC	319-84-6	mg/kg			0.48	0.02		ND		
beta-BHC	319-85-7	mg/kg			0.36	0.036		ND ^a		
delta-BHC	319-86-8	mg/kg			100	0.04		ND ^a		
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1		ND		
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094		ND		
gamma-Chlordane	5103-74-2	mg/kg						0.00058 J		
Dieldrin	60-57-1	mg/kg			0.2	0.005		ND		
4,4'-DDD	72-54-8	mg/kg			13	0.0033		ND		
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033		ND		
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033		ND		
Endrin	72-20-8	mg/kg			11	0.014		ND		
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4		ND		
Endrin aldehyde	7421-93-4	mg/kg						ND		
Endrin ketone	53494-70-5	mg/kg						ND		
Endosulfan-I	959-98-8	mg/kg			24	2.4		ND		
Endosulfan-II	33213-65-9	mg/kg			24	2.4		ND		
Heptachlor	76-44-8	mg/kg			2.1	0.042		ND		
Heptachlor epoxide	1024-57-3	mg/kg						ND		
Methoxychlor	72-43-5	mg/kg						0.0011 J		
Toxaphene	8001-35-2	mg/kg						ND		
Tetrachloro-m-xylene	877-09-8	%						91 ^e		
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%						95 ^d		
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1	ND			ND
Aroclor 1221	11104-28-2	mg/kg			1	0.1	ND			ND
Aroclor 1232	11141-16-5	mg/kg			1	0.1	ND			ND
Aroclor 1242	53469-21-9	mg/kg			1	0.1	ND			ND
Aroclor 1248	12672-29-6	mg/kg			1	0.1	ND			ND
Aroclor 1254	11097-69-1	mg/kg			1	0.1	ND			0.0709
Aroclor 1260	11096-82-5	mg/kg			1	0.1	ND			ND
Aroclor 1268	11100-14-4	mg/kg			1	0.1	ND			ND
Aroclor 1262	37324-23-5	mg/kg			1	0.1	ND			ND
Tetrachloro-m-xylene	877-09-8	%					72			66
Tetrachloro-m-xylene (1)	877-09-8	%					78			67
Decachlorobiphenyl	2051-24-3	%					79			72

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(2-2.5)	SB19(2-2.5)	SB19(2-2.5)	SB19(8.5-9)
Lab Sample ID:							JD58693-17	JD58693-17A	JD58693-17B	JD58693-18
Location:										
Date Sampled:							1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:55 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%					82			71
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%					92.4			93.5
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27	<0.27			<0.28
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg					7060			7920
Antimony	7440-36-0	mg/kg					<4.6 ^P			<2.2
Arsenic	7440-38-2	mg/kg			16	13	8.7			<2.2
Barium	7440-39-3	mg/kg			400	350	55.4			74.5
Beryllium	7440-41-7	mg/kg			72	7.2	0.31			0.46
Cadmium	7440-43-9	mg/kg			4.3	2.5	<1.1 ^P			<0.55
Calcium	7440-70-2	mg/kg					11400			3800
Chromium	7440-47-3	mg/kg					37 ^P			15.8
Cobalt	7440-48-4	mg/kg					9.1			<5.5
Copper	7440-50-8	mg/kg			270	50	73.8 ^P			18.4
Iron	7439-89-6	mg/kg					35700			13500
Lead	7439-92-1	mg/kg			400	63	38.8			39.8
Magnesium	7439-95-4	mg/kg					6100			4020
Manganese	7439-96-5	mg/kg			2000	1600	321			214
Nickel	7440-02-0	mg/kg			310	30	43			11.7
Potassium	7440-09-7	mg/kg					1780			1980
Selenium	7782-49-2	mg/kg			180	3.9	<4.6 ^P			<2.2
Silver	7440-22-4	mg/kg			180	2	1.1 ^P			<0.55
Sodium	7440-23-5	mg/kg					<1100			<1100
Thallium	7440-28-0	mg/kg					<2.3 ^P			<1.1
Vanadium	7440-62-2	mg/kg					20.1			21.2
Zinc	7440-66-6	mg/kg			10000	109	47.3			50.9
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18	0.073			0.14
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg							ND	
Perfluoropentanoic acid	2706-90-3	mg/kg							ND	
Perfluorohexanoic acid	307-24-4	mg/kg							ND	
Perfluoroheptanoic acid	375-85-9	mg/kg							ND	
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066			ND	
Perfluorononanoic acid	375-95-1	mg/kg							ND	
Perfluorodecanoic acid	335-76-2	mg/kg							ND	
Perfluoroundecanoic acid	2058-94-8	mg/kg							ND	
Perfluorododecanoic acid	307-55-1	mg/kg							ND	
Perfluorotridecanoic acid	72629-94-8	mg/kg							ND	
Perfluorotetradecanoic acid	376-06-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

[illegible]

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(2-2.5)	SB19(2-2.5)	SB19(2-2.5)	SB19(8.5-9)
Lab Sample ID:							JD58693-17	JD58693-17A	JD58693-17B	JD58693-18
Location:										
Date Sampled:							1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:55 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%							85 ^f	
13C8-FOSA	13C8-FOSA	%							84 ^f	
d3-MeFOSA	D3-NMEFOSA	%							58 ^f	
d5-EtFOSA	D5-NETFOSA	%							55 ^f	
d3-MeFOSAA	D3-NMEFOSAA	%							79 ^f	
d5-EtFOSAA	D5-NETFOSAA	%							79 ^f	
d7-MeFOSE	D7-NMEFOSE	%							67 ^f	
d9-EtFOSE	D9-NETFOS	%							72 ^f	
13C2-4:2FTS	13C2-4:2FTS	%							110 ^f	
13C2-6:2FTS	13C2-6:2FTS	%							93 ^f	
13C2-8:2FTS	13C2-8:2FTS	%							88 ^f	
13C3-HFPO-DA	13C3-HFPO-DA	%							98 ^f	
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg					ND			ND
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND			ND
2,4-Dichlorophenol	120-83-2	mg/kg					ND			ND
2,4-Dimethylphenol	105-67-9	mg/kg					ND			ND
2,4-Dinitrophenol	51-28-5	mg/kg					ND ^a			ND ^a
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND ^a			ND ^a
2-Methylphenol	95-48-7	mg/kg			100	0.33	ND			ND
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND			ND
2-Nitrophenol	88-75-5	mg/kg					ND ^a			ND ^a
4-Nitrophenol	100-02-7	mg/kg					ND			ND
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8	ND			ND
Phenol	108-95-2	mg/kg			100	0.33	ND			ND
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND ^a			ND ^a
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND ^a			ND ^a
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND			ND
Acenaphthene	83-32-9	mg/kg			100	20	ND			0.042
Acenaphthylene	208-96-8	mg/kg			100	100	ND			0.0195 J
Acetophenone	98-86-2	mg/kg					ND			ND
Anthracene	120-12-7	mg/kg			100	100	ND			0.129
Atrazine	1912-24-9	mg/kg					ND ^a			ND ^a
Benzo(a)anthracene	56-55-3	mg/kg			1	1	0.0341			0.291
Benzo(a)pyrene	50-32-8	mg/kg			1	1	0.0318 J ^b			0.305 ^b
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1	0.0323 J			0.297
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100	0.0216 J ^b			0.195 ^b
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8	ND			0.103
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND			ND
Butyl benzyl phthalate	85-68-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(2-2.5)	SB19(2-2.5)	SB19(2-2.5)	SB19(8.5-9)
Lab Sample ID:							JD58693-17	JD58693-17A	JD58693-17B	JD58693-18
Location:										
Date Sampled:							1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:55 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg					ND			ND
Benzaldehyde	100-52-7	mg/kg					ND			ND
2-Chloronaphthalene	91-58-7	mg/kg					ND			ND
4-Chloroaniline	106-47-8	mg/kg					ND			ND
Carbazole	86-74-8	mg/kg					ND			0.0416 J
Caprolactam	105-60-2	mg/kg					ND			ND
Chrysene	218-01-9	mg/kg			3.9	1	0.0295 J			0.273
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND			ND
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND			ND
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND			ND
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND			ND
2,4-Dinitrotoluene	121-14-2	mg/kg					ND ^a			ND ^a
2,6-Dinitrotoluene	606-20-2	mg/kg					ND ^a			ND ^a
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND ^a			ND ^a
1,4-Dioxane	123-91-1	mg/kg			13	0.1	ND			ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33	ND ^a			0.0469 ^b
Dibenzofuran	132-64-9	mg/kg			59	7	ND			0.0405 J
Di-n-butyl phthalate	84-74-2	mg/kg					ND			ND
Di-n-octyl phthalate	117-84-0	mg/kg					ND			ND
Diethyl phthalate	84-66-2	mg/kg					ND			ND
Dimethyl phthalate	131-11-3	mg/kg					ND			ND
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					ND			ND
Fluoranthene	206-44-0	mg/kg			100	100	0.0605			0.657
Fluorene	86-73-7	mg/kg			100	30	ND			0.0596
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33	ND			ND
Hexachlorobutadiene	87-68-3	mg/kg					ND			ND
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND			ND
Hexachloroethane	67-72-1	mg/kg					ND			ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5	0.0353 ^b			0.259 J ^b
Isophorone	78-59-1	mg/kg					ND			ND
2-Methylnaphthalene	91-57-6	mg/kg					ND			0.0165 J
2-Nitroaniline	88-74-4	mg/kg					ND			ND
3-Nitroaniline	99-09-2	mg/kg					ND			ND
4-Nitroaniline	100-01-6	mg/kg					ND ^a			ND ^a
Naphthalene	91-20-3	mg/kg			100	12	ND			0.0237 J
Nitrobenzene	98-95-3	mg/kg			15		ND			ND
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND			ND
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND			ND
Phenanthrene	85-01-8	mg/kg			100	100	0.0374			0.511
Pyrene	129-00-0	mg/kg			100	100	0.0484			0.566
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND			ND
2-Fluorophenol	367-12-4	%					29			38

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(2-2.5)	SB19(2-2.5)	SB19(2-2.5)	SB19(8.5-9)
Lab Sample ID:							JD58693-17	JD58693-17A	JD58693-17B	JD58693-18
Location:										
Date Sampled:							1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:55 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%					30			40
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%					44			58
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%					31			41
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%					32			43
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%					39			49
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05	ND			0.0213
Benzene	71-43-2	mg/kg			4.8	0.06	ND			ND
Bromochloromethane	74-97-5	mg/kg					ND			ND
Bromodichloromethane	75-27-4	mg/kg					ND			ND
Bromoform	75-25-2	mg/kg					ND			ND
Bromomethane	74-83-9	mg/kg					ND			ND
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12	ND			0.0039 J
Carbon disulfide	75-15-0	mg/kg					ND			ND
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76	ND			ND
Chlorobenzene	108-90-7	mg/kg			100	1.1	ND			ND
Chloroethane	75-00-3	mg/kg					ND			ND
Chloroform	67-66-3	mg/kg			49	0.37	ND			ND
Chloromethane	74-87-3	mg/kg					ND			ND
Cyclohexane	110-82-7	mg/kg					ND			ND
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND			ND
Dibromochloromethane	124-48-1	mg/kg					ND			ND
1,2-Dibromoethane	106-93-4	mg/kg					ND			ND
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1	ND			ND
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4	ND			ND
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8	ND			ND
Dichlorodifluoromethane	75-71-8	mg/kg					ND			ND
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27	ND			ND
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02	ND			ND
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33	ND			ND
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25	ND			ND
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19	ND			ND
1,2-Dichloropropane	78-87-5	mg/kg					ND			ND
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND			ND
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND			ND
Ethylbenzene	100-41-4	mg/kg			41	1	ND			ND
Freon 113	76-13-1	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(2-2.5)	SB19(2-2.5)	SB19(2-2.5)	SB19(8.5-9)
Lab Sample ID:							JD58693-17	JD58693-17A	JD58693-17B	JD58693-18
Location:										
Date Sampled:							1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:55 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg					ND ^a			ND ^a
Isopropylbenzene	98-82-8	mg/kg					ND			ND
Methyl Acetate	79-20-9	mg/kg					ND			ND
Methylcyclohexane	108-87-2	mg/kg					ND			ND
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93	ND			ND
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg					ND			ND
Methylene chloride	75-09-2	mg/kg			100	0.05	ND			ND
Styrene	100-42-5	mg/kg					ND			ND
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND			ND
Tetrachloroethene	127-18-4	mg/kg			19	1.3	ND			ND
Toluene	108-88-3	mg/kg			100	0.7	ND			ND
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND			ND
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND			ND
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68	ND			ND
1,1,2-Trichloroethane	79-00-5	mg/kg					ND			ND
Trichloroethene	79-01-6	mg/kg			21	0.47	ND			ND
Trichlorofluoromethane	75-69-4	mg/kg					ND			ND
Vinyl chloride	75-01-4	mg/kg			0.9	0.02	ND			ND
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26	ND			ND
o-Xylene	95-47-6	mg/kg			100	0.26	ND			ND
Xylene (total)	1330-20-7	mg/kg			100	0.26	ND			ND
Dibromofluoromethane	1868-53-7	%					97			98
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%					97			97
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%					99			99
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%					92			93
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(2-2.5)	SB19(2-2.5)	SB19(2-2.5)	SB19(8.5-9)
Lab Sample ID:							JD58693-17	JD58693-17A	JD58693-17B	JD58693-18
Location:										
Date Sampled:							1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:50 AM	1/12/2023 9:55 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005	ND			ND
alpha-BHC	319-84-6	mg/kg			0.48	0.02	ND			ND
beta-BHC	319-85-7	mg/kg			0.36	0.036	ND ^a			ND
delta-BHC	319-86-8	mg/kg			100	0.04	ND ^a			ND
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1	ND			ND
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094	0.0022 ^r			ND
gamma-Chlordane	5103-74-2	mg/kg					0.0029 ^r			ND ^a
Dieldrin	60-57-1	mg/kg			0.2	0.005	ND			ND
4,4'-DDD	72-54-8	mg/kg			13	0.0033	0.0015 J ^r			ND
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033	0.0007 J ^r			ND
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033	ND			ND
Endrin	72-20-8	mg/kg			11	0.014	ND			ND
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4	ND			ND
Endrin aldehyde	7421-93-4	mg/kg					ND			ND
Endrin ketone	53494-70-5	mg/kg					ND			ND
Endosulfan-I	959-98-8	mg/kg			24	2.4	ND			ND
Endosulfan-II	33213-65-9	mg/kg			24	2.4	ND			ND
Heptachlor	76-44-8	mg/kg			2.1	0.042	ND			ND
Heptachlor epoxide	1024-57-3	mg/kg					ND			ND
Methoxychlor	72-43-5	mg/kg					ND			ND
Toxaphene	8001-35-2	mg/kg					ND			ND
Tetrachloro-m-xylene	877-09-8	%					85 ^e			94 ^e
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%					88 ^d			103 ^d
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1			ND	
Aroclor 1221	11104-28-2	mg/kg			1	0.1			ND	
Aroclor 1232	11141-16-5	mg/kg			1	0.1			ND	
Aroclor 1242	53469-21-9	mg/kg			1	0.1			ND	
Aroclor 1248	12672-29-6	mg/kg			1	0.1			ND	
Aroclor 1254	11097-69-1	mg/kg			1	0.1			ND	
Aroclor 1260	11096-82-5	mg/kg			1	0.1			ND	
Aroclor 1268	11100-14-4	mg/kg			1	0.1			ND	
Aroclor 1262	37324-23-5	mg/kg			1	0.1			ND	
Tetrachloro-m-xylene	877-09-8	%							84	
Tetrachloro-m-xylene (1)	877-09-8	%							86	
Decachlorobiphenyl	2051-24-3	%							81	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%							84	
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%							90.4	
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27			<0.26	
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg							5770	
Antimony	7440-36-0	mg/kg							<2.3	
Arsenic	7440-38-2	mg/kg			16	13			<2.3	
Barium	7440-39-3	mg/kg			400	350			39.8	
Beryllium	7440-41-7	mg/kg			72	7.2			0.28	
Cadmium	7440-43-9	mg/kg			4.3	2.5			<0.56	
Calcium	7440-70-2	mg/kg							18400	
Chromium	7440-47-3	mg/kg							11.2	
Cobalt	7440-48-4	mg/kg							<5.6	
Copper	7440-50-8	mg/kg			270	50			12.9	
Iron	7439-89-6	mg/kg							10400	
Lead	7439-92-1	mg/kg			400	63			6	
Magnesium	7439-95-4	mg/kg							12000	
Manganese	7439-96-5	mg/kg			2000	1600			167	
Nickel	7440-02-0	mg/kg			310	30			9.4	
Potassium	7440-09-7	mg/kg							1870	
Selenium	7782-49-2	mg/kg			180	3.9			<2.3	
Silver	7440-22-4	mg/kg			180	2			<0.56	
Sodium	7440-23-5	mg/kg							<1100	
Thallium	7440-28-0	mg/kg							<1.1	
Vanadium	7440-62-2	mg/kg							15.1	
Zinc	7440-66-6	mg/kg			10000	109			29.9	
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18			0.037	
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg						ND		
Perfluoropentanoic acid	2706-90-3	mg/kg						ND		
Perfluorohexanoic acid	307-24-4	mg/kg						ND		
Perfluoroheptanoic acid	375-85-9	mg/kg						ND		
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066		ND		
Perfluorononanoic acid	375-95-1	mg/kg						ND		
Perfluorodecanoic acid	335-76-2	mg/kg						ND		
Perfluoroundecanoic acid	2058-94-8	mg/kg						ND		
Perfluorododecanoic acid	307-55-1	mg/kg						ND		
Perfluorotridecanoic acid	72629-94-8	mg/kg						ND		
Perfluorotetradecanoic acid	376-06-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg						ND		
Perfluoropentanesulfonic acid	2706-91-4	mg/kg						ND		
Perfluorohexanesulfonic acid	355-46-4	mg/kg						ND		
Perfluoroheptanesulfonic acid	375-92-8	mg/kg						ND		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088		ND		
Perfluorononanesulfonic acid	68259-12-1	mg/kg						ND		
Perfluorodecanesulfonic acid	335-77-3	mg/kg						ND		
Perfluorododecanesulfonic acid	79780-39-5	mg/kg						ND		
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg						ND		
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg						ND		
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg						ND		
PFOSA	754-91-6	mg/kg						ND		
MeFOSA	31506-32-8	mg/kg						ND		
EtFOSA	4151-50-2	mg/kg						ND		
MeFOSAA	2355-31-9	mg/kg						ND		
EtFOSAA	2991-50-6	mg/kg						ND		
MeFOSE	24448-09-7	mg/kg						ND		
EtFOSE	1691-99-2	mg/kg						ND		
HFPO-DA (GenX)	13252-13-6	mg/kg						ND		
ADONA	919005-14-4	mg/kg						ND		
PFMPA	377-73-1	mg/kg						ND		
PFMBA	863090-89-5	mg/kg						ND		
NFDHA	151772-58-6	mg/kg						ND		
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg						ND		
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg						ND		
PFEESA	113507-82-7	mg/kg						ND		
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg						ND		
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg						ND		
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg						ND		
13C4-PFBA	13C4-PFBA	%						85 ^f		
13C5-PFPeA	13C5-PFPEA	%						90 ^f		
13C5-PFHxA	13C5-PFHXA	%						86 ^f		
13C4-PFHpA	13C4-PFHPA	%						89 ^f		
13C8-PFOA	13C8-PFOA	%						81 ^f		
13C9-PFNA	13C9-PFNA	%						86 ^f		
13C6-PFDA	13C6-PFDA	%						88 ^f		
13C7-PFUnDA	13C7-PFUNDA	%						89 ^f		
13C2-PFDoDA	13C2-PFDODA	%						81 ^f		
13C2-PFTeDA	13C2-PFTEDA	%						77 ^f		
13C3-PFBS	13C3-PFBS	%						83 ^f		
13C3-PFHxS	13C3-PFHXS	%						84 ^f		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%						75 ^f		
13C8-FOSA	13C8-FOSA	%						80 ^f		
d3-MeFOSA	D3-NMEFOSA	%						58 ^f		
d5-EtFOSA	D5-NETFOSA	%						51 ^f		
d3-MeFOSAA	D3-NMEFOSAA	%						75 ^f		
d5-EtFOSAA	D5-NETFOSAA	%						76 ^f		
d7-MeFOSE	D7-NMEFOSE	%						66 ^f		
d9-EtFOSE	D9-NETFOSE	%						71 ^f		
13C2-4:2FTS	13C2-4:2FTS	%						92 ^f		
13C2-6:2FTS	13C2-6:2FTS	%						92 ^f		
13C2-8:2FTS	13C2-8:2FTS	%						86 ^f		
13C3-HFPO-DA	13C3-HFPO-DA	%						91 ^f		
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg							ND	
4-Chloro-3-methyl phenol	59-50-7	mg/kg							ND	
2,4-Dichlorophenol	120-83-2	mg/kg							ND	
2,4-Dimethylphenol	105-67-9	mg/kg							ND	
2,4-Dinitrophenol	51-28-5	mg/kg							ND ^a	
4,6-Dinitro-o-cresol	534-52-1	mg/kg							ND ^a	
2-Methylphenol	95-48-7	mg/kg			100	0.33			ND	
3&4-Methylphenol	M+P-CRESOLS	mg/kg							ND	
2-Nitrophenol	88-75-5	mg/kg							ND ^a	
4-Nitrophenol	100-02-7	mg/kg							ND	
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8			ND	
Phenol	108-95-2	mg/kg			100	0.33			ND	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg							ND ^a	
2,4,5-Trichlorophenol	95-95-4	mg/kg							ND ^a	
2,4,6-Trichlorophenol	88-06-2	mg/kg							ND	
Acenaphthene	83-32-9	mg/kg			100	20			ND	
Acenaphthylene	208-96-8	mg/kg			100	100			ND	
Acetophenone	98-86-2	mg/kg							ND	
Anthracene	120-12-7	mg/kg			100	100			ND	
Atrazine	1912-24-9	mg/kg							ND ^a	
Benzo(a)anthracene	56-55-3	mg/kg			1	1			ND	
Benzo(a)pyrene	50-32-8	mg/kg			1	1			ND ^a	
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1			ND	
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100			ND ^a	
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8			ND	
4-Bromophenyl phenyl ether	101-55-3	mg/kg							ND	
Butyl benzyl phthalate	85-68-7	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg							ND	
Benzaldehyde	100-52-7	mg/kg							ND	
2-Chloronaphthalene	91-58-7	mg/kg							ND	
4-Chloroaniline	106-47-8	mg/kg							ND	
Carbazole	86-74-8	mg/kg							ND	
Caprolactam	105-60-2	mg/kg							ND	
Chrysene	218-01-9	mg/kg			3.9	1			ND	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							ND	
bis(2-Chloroethyl)ether	111-44-4	mg/kg							ND	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg							ND	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							ND	
2,4-Dinitrotoluene	121-14-2	mg/kg							ND ^a	
2,6-Dinitrotoluene	606-20-2	mg/kg							ND ^a	
3,3'-Dichlorobenzidine	91-94-1	mg/kg							ND ^a	
1,4-Dioxane	123-91-1	mg/kg			13	0.1			ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33			ND ^a	
Dibenzofuran	132-64-9	mg/kg			59	7			ND	
Di-n-butyl phthalate	84-74-2	mg/kg							ND	
Di-n-octyl phthalate	117-84-0	mg/kg							ND	
Diethyl phthalate	84-66-2	mg/kg							ND	
Dimethyl phthalate	131-11-3	mg/kg							ND	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							ND	
Fluoranthene	206-44-0	mg/kg			100	100			ND	
Fluorene	86-73-7	mg/kg			100	30			ND	
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33			ND	
Hexachlorobutadiene	87-68-3	mg/kg							ND	
Hexachlorocyclopentadiene	77-47-4	mg/kg							ND	
Hexachloroethane	67-72-1	mg/kg							ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5			ND ^a	
Isophorone	78-59-1	mg/kg							ND	
2-Methylnaphthalene	91-57-6	mg/kg							ND	
2-Nitroaniline	88-74-4	mg/kg							ND	
3-Nitroaniline	99-09-2	mg/kg							ND	
4-Nitroaniline	100-01-6	mg/kg							ND ^a	
Naphthalene	91-20-3	mg/kg			100	12			ND	
Nitrobenzene	98-95-3	mg/kg			15				ND	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg							ND	
N-Nitrosodiphenylamine	86-30-6	mg/kg							ND	
Phenanthrene	85-01-8	mg/kg			100	100			ND	
Pyrene	129-00-0	mg/kg			100	100			0.0256 J	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg							ND	
2-Fluorophenol	367-12-4	%							52	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%							52	
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%							76	
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%							55	
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%							57	
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%							62	
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05			0.0159	
Benzene	71-43-2	mg/kg			4.8	0.06			ND	
Bromochloromethane	74-97-5	mg/kg							ND	
Bromodichloromethane	75-27-4	mg/kg							ND	
Bromoform	75-25-2	mg/kg							ND	
Bromomethane	74-83-9	mg/kg							ND	
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12			0.0035 J	
Carbon disulfide	75-15-0	mg/kg							0.00085 J	
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76			ND	
Chlorobenzene	108-90-7	mg/kg			100	1.1			ND	
Chloroethane	75-00-3	mg/kg							ND	
Chloroform	67-66-3	mg/kg			49	0.37			ND	
Chloromethane	74-87-3	mg/kg							ND	
Cyclohexane	110-82-7	mg/kg							ND	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg							ND	
Dibromochloromethane	124-48-1	mg/kg							ND	
1,2-Dibromoethane	106-93-4	mg/kg							ND	
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1			ND	
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4			ND	
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8			ND	
Dichlorodifluoromethane	75-71-8	mg/kg							ND	
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27			ND	
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02			ND	
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33			ND	
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25			ND	
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19			ND	
1,2-Dichloropropane	78-87-5	mg/kg							ND	
cis-1,3-Dichloropropene	10061-01-5	mg/kg							ND	
trans-1,3-Dichloropropene	10061-02-6	mg/kg							ND	
Ethylbenzene	100-41-4	mg/kg			41	1			ND	
Freon 113	76-13-1	mg/kg							ND	

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg							ND ^a	
Isopropylbenzene	98-82-8	mg/kg							ND	
Methyl Acetate	79-20-9	mg/kg							ND	
Methylcyclohexane	108-87-2	mg/kg							ND	
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93			ND	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg							ND	
Methylene chloride	75-09-2	mg/kg			100	0.05			ND	
Styrene	100-42-5	mg/kg							ND	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							ND	
Tetrachloroethene	127-18-4	mg/kg			19	1.3			ND	
Toluene	108-88-3	mg/kg			100	0.7			ND	
1,2,3-Trichlorobenzene	87-61-6	mg/kg							ND	
1,2,4-Trichlorobenzene	120-82-1	mg/kg							ND	
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68			ND	
1,1,2-Trichloroethane	79-00-5	mg/kg							ND	
Trichloroethene	79-01-6	mg/kg			21	0.47			ND	
Trichlorofluoromethane	75-69-4	mg/kg							ND	
Vinyl chloride	75-01-4	mg/kg			0.9	0.02			ND	
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26			ND	
o-Xylene	95-47-6	mg/kg			100	0.26			ND	
Xylene (total)	1330-20-7	mg/kg			100	0.26			ND	
Dibromofluoromethane	1868-53-7	%							99	
Dibromofluoromethane (1)	1868-53-7	%								
1,2-Dichloroethane-D4	17060-07-0	%							94	
1,2-Dichloroethane-D4 (1)	17060-07-0	%								
Toluene-D8	2037-26-5	%							99	
Toluene-D8 (1)	2037-26-5	%								
4-Bromofluorobenzene	460-00-4	%							93	
4-Bromofluorobenzene (1)	460-00-4	%								
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(8.5-9)	SB19(8.5-9)	SB19(14-14.5)	SB19(14-14.5)
Lab Sample ID:							JD58693-18A	JD58693-18B	JD58693-19	JD58693-19A
Location:										
Date Sampled:							1/12/2023 9:55 AM	1/12/2023 9:55 AM	1/12/2023 10:00 AM	1/12/2023 10:00 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.1 Summary of Soil Collection Results

SGS SGS Engage - Group Crosstab										
Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
(GC/LC Semi-volatiles (SW846 8081B))										
Aldrin	309-00-2	mg/kg			0.097	0.005			ND	
alpha-BHC	319-84-6	mg/kg			0.48	0.02			ND	
beta-BHC	319-85-7	mg/kg			0.36	0.036			ND	
delta-BHC	319-86-8	mg/kg			100	0.04			ND	
gamma-BHC (Lindane)	58-89-9	mg/kg			1.3	0.1			ND	
alpha-Chlordane	5103-71-9	mg/kg			4.2	0.094			ND	
gamma-Chlordane	5103-74-2	mg/kg							ND ^a	
Dieldrin	60-57-1	mg/kg			0.2	0.005			ND	
4,4'-DDD	72-54-8	mg/kg			13	0.0033			ND	
4,4'-DDE	72-55-9	mg/kg			8.9	0.0033			ND	
4,4'-DDT	50-29-3	mg/kg			7.9	0.0033			ND	
Endrin	72-20-8	mg/kg			11	0.014			ND	
Endosulfan sulfate	1031-07-8	mg/kg			24	2.4			ND	
Endrin aldehyde	7421-93-4	mg/kg							ND	
Endrin ketone	53494-70-5	mg/kg							ND	
Endosulfan-I	959-98-8	mg/kg			24	2.4			ND	
Endosulfan-II	33213-65-9	mg/kg			24	2.4			ND	
Heptachlor	76-44-8	mg/kg			2.1	0.042			ND	
Heptachlor epoxide	1024-57-3	mg/kg							ND	
Methoxychlor	72-43-5	mg/kg							ND	
Toxaphene	8001-35-2	mg/kg							ND	
Tetrachloro-m-xylene	877-09-8	%							95 ^e	
Tetrachloro-m-xylene (1)	877-09-8	%								
Decachlorobiphenyl	2051-24-3	%							92 ^d	
Decachlorobiphenyl (1)	2051-24-3	%								
(GC/LC Semi-volatiles (SW846 8082A))										
Aroclor 1016	12674-11-2	mg/kg			1	0.1		ND		
Aroclor 1221	11104-28-2	mg/kg			1	0.1		ND		
Aroclor 1232	11141-16-5	mg/kg			1	0.1		ND		
Aroclor 1242	53469-21-9	mg/kg			1	0.1		ND		
Aroclor 1248	12672-29-6	mg/kg			1	0.1		ND		
Aroclor 1254	11097-69-1	mg/kg			1	0.1		ND		
Aroclor 1260	11096-82-5	mg/kg			1	0.1		ND		
Aroclor 1268	11100-14-4	mg/kg			1	0.1		ND		
Aroclor 1262	37324-23-5	mg/kg			1	0.1		ND		
Tetrachloro-m-xylene	877-09-8	%						119		
Tetrachloro-m-xylene (1)	877-09-8	%						134		
Decachlorobiphenyl	2051-24-3	%						113		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Decachlorobiphenyl (1)	2051-24-3	%						167		
General Chemistry (SM2540 G 18TH ED MOD))										
Solids, Percent	PERCENT SOLIDS	%						92.9		
General Chemistry (SW846 9012B/LACHAT))										
Cyanide	57-12-5	mg/kg			27	27		<0.27		
(Metals Analysis (SW846 6010D))										
Aluminum	7429-90-5	mg/kg						5990		
Antimony	7440-36-0	mg/kg						<2.2		
Arsenic	7440-38-2	mg/kg			16	13		<2.2		
Barium	7440-39-3	mg/kg			400	350		47.4		
Beryllium	7440-41-7	mg/kg			72	7.2		0.27		
Cadmium	7440-43-9	mg/kg			4.3	2.5		<0.54		
Calcium	7440-70-2	mg/kg						23600		
Chromium	7440-47-3	mg/kg						17.9		
Cobalt	7440-48-4	mg/kg						<5.4		
Copper	7440-50-8	mg/kg			270	50		16.7		
Iron	7439-89-6	mg/kg						11100		
Lead	7439-92-1	mg/kg			400	63		15.6		
Magnesium	7439-95-4	mg/kg						4750		
Manganese	7439-96-5	mg/kg			2000	1600		156		
Nickel	7440-02-0	mg/kg			310	30		8.1		
Potassium	7440-09-7	mg/kg						1460		
Selenium	7782-49-2	mg/kg			180	3.9		<2.2		
Silver	7440-22-4	mg/kg			180	2		<0.54		
Sodium	7440-23-5	mg/kg						<1100		
Thallium	7440-28-0	mg/kg						<1.1		
Vanadium	7440-62-2	mg/kg						24.1		
Zinc	7440-66-6	mg/kg			10000	109		27.9		
(Metals Analysis (SW846 7471B))										
Mercury	7439-97-6	mg/kg			0.81	0.18		0.068		
(MS Semi-volatiles (EPA DRAFT 1633))										
Perfluorobutanoic acid	375-22-4	mg/kg					ND			ND
Perfluoropentanoic acid	2706-90-3	mg/kg					ND			ND
Perfluorohexanoic acid	307-24-4	mg/kg					ND			ND
Perfluoroheptanoic acid	375-85-9	mg/kg					ND			ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg			0.033	0.00066	ND			ND
Perfluorononanoic acid	375-95-1	mg/kg					ND			ND
Perfluorodecanoic acid	335-76-2	mg/kg					ND			ND
Perfluoroundecanoic acid	2058-94-8	mg/kg					ND			ND
Perfluorododecanoic acid	307-55-1	mg/kg					ND			ND
Perfluorotridecanoic acid	72629-94-8	mg/kg					ND			ND
Perfluorotetradecanoic acid	376-06-7	mg/kg					ND			ND

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
Perfluorobutanesulfonic acid	375-73-5	mg/kg					ND			ND
Perfluoropentanesulfonic acid	2706-91-4	mg/kg					ND			ND
Perfluorohexanesulfonic acid	355-46-4	mg/kg					ND			ND
Perfluoroheptanesulfonic acid	375-92-8	mg/kg					ND			ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	mg/kg	0.044	0.00088	0.044	0.00088	ND			ND
Perfluorononanesulfonic acid	68259-12-1	mg/kg					ND			ND
Perfluorodecanesulfonic acid	335-77-3	mg/kg					ND			ND
Perfluorododecanesulfonic acid	79780-39-5	mg/kg					ND			ND
4:2 Fluorotelomer sulfonate	757124-72-4	mg/kg					ND			ND
6:2 Fluorotelomer sulfonate	27619-97-2	mg/kg					ND			ND
8:2 Fluorotelomer sulfonate	39108-34-4	mg/kg					ND			ND
PFOSA	754-91-6	mg/kg					ND			ND
MeFOSA	31506-32-8	mg/kg					ND			ND
EtFOSA	4151-50-2	mg/kg					ND			ND
MeFOSAA	2355-31-9	mg/kg					ND			ND
EtFOSAA	2991-50-6	mg/kg					ND			ND
MeFOSE	24448-09-7	mg/kg					ND			ND
EtFOSE	1691-99-2	mg/kg					ND			ND
HFPO-DA (GenX)	13252-13-6	mg/kg					ND			ND
ADONA	919005-14-4	mg/kg					ND			ND
PFMPA	377-73-1	mg/kg					ND			ND
PFMBA	863090-89-5	mg/kg					ND			ND
NFDHA	151772-58-6	mg/kg					ND			ND
9CI-PF3ONS (F-53B Major)	756426-58-1	mg/kg					ND			ND
11CI-PF3OUdS (F-53B Minor)	763051-92-9	mg/kg					ND			ND
PFEESA	113507-82-7	mg/kg					ND			ND
3:3 Fluorotelomer carboxylate	356-02-5	mg/kg					ND			ND
5:3 Fluorotelomer carboxylate	914637-49-3	mg/kg					ND			ND
7:3 Fluorotelomer carboxylate	812-70-4	mg/kg					ND			ND
13C4-PFBA	13C4-PFBA	%					91 ^f			49 ^f
13C5-PFPeA	13C5-PFPEA	%					95 ^f			67 ^f
13C5-PFHxA	13C5-PFHXA	%					95 ^f			80 ^f
13C4-PFHpA	13C4-PFHPA	%					97 ^f			77 ^f
13C8-PFOA	13C8-PFOA	%					90 ^f			77 ^f
13C9-PFNA	13C9-PFNA	%					93 ^f			83 ^f
13C6-PFDA	13C6-PFDA	%					93 ^f			86 ^f
13C7-PFUnDA	13C7-PFUNDA	%					93 ^f			73 ^f
13C2-PFDoDA	13C2-PFDODA	%					88 ^f			64 ^f
13C2-PFTeDA	13C2-PFTEDA	%					63 ^f			50 ^f
13C3-PFBS	13C3-PFBS	%					82 ^f			74 ^f
13C3-PFHxS	13C3-PFHXS	%					87 ^f			83 ^f

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
13C8-PFOS	13C8-PFOS	%					93 ^f			79 ^f
13C8-FOSA	13C8-FOSA	%					97 ^f			82 ^f
d3-MeFOSA	D3-NMEFOSA	%					76 ^f			80 ^f
d5-EtFOSA	D5-NETFOSA	%					68 ^f			83 ^f
d3-MeFOSAA	D3-NMEFOSAA	%					89 ^f			55 ^f
d5-EtFOSAA	D5-NETFOSAA	%					85 ^f			61 ^f
d7-MeFOSE	D7-NMEFOSE	%					70 ^f			66 ^f
d9-EtFOSE	D9-NETFOSE	%					72 ^f			63 ^f
13C2-4:2FTS	13C2-4:2FTS	%					92 ^f			81 ^f
13C2-6:2FTS	13C2-6:2FTS	%					96 ^f			80 ^f
13C2-8:2FTS	13C2-8:2FTS	%					97 ^f			76 ^f
13C3-HFPO-DA	13C3-HFPO-DA	%					100 ^f			88 ^f
(MS Semi-volatiles (SW846 8270E))										
2-Chlorophenol	95-57-8	mg/kg						ND		
4-Chloro-3-methyl phenol	59-50-7	mg/kg						ND		
2,4-Dichlorophenol	120-83-2	mg/kg						ND		
2,4-Dimethylphenol	105-67-9	mg/kg						ND		
2,4-Dinitrophenol	51-28-5	mg/kg						ND ^a		
4,6-Dinitro-o-cresol	534-52-1	mg/kg						ND ^a		
2-Methylphenol	95-48-7	mg/kg			100	0.33		ND		
3&4-Methylphenol	M+P-CRESOLS	mg/kg						ND		
2-Nitrophenol	88-75-5	mg/kg						ND ^a		
4-Nitrophenol	100-02-7	mg/kg						ND		
Pentachlorophenol	87-86-5	mg/kg			6.7	0.8		ND		
Phenol	108-95-2	mg/kg			100	0.33		ND		
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg						ND ^a		
2,4,5-Trichlorophenol	95-95-4	mg/kg						ND ^a		
2,4,6-Trichlorophenol	88-06-2	mg/kg						ND		
Acenaphthene	83-32-9	mg/kg			100	20		0.0204 J		
Acenaphthylene	208-96-8	mg/kg			100	100		ND		
Acetophenone	98-86-2	mg/kg						ND		
Anthracene	120-12-7	mg/kg			100	100		0.0677		
Atrazine	1912-24-9	mg/kg						ND ^a		
Benzo(a)anthracene	56-55-3	mg/kg			1	1		0.439		
Benzo(a)pyrene	50-32-8	mg/kg			1	1		0.525 ^b		
Benzo(b)fluoranthene	205-99-2	mg/kg			1	1		0.495		
Benzo(g,h,i)perylene	191-24-2	mg/kg			100	100		0.308 ^b		
Benzo(k)fluoranthene	207-08-9	mg/kg			3.9	0.8		0.17		
4-Bromophenyl phenyl ether	101-55-3	mg/kg						ND		
Butyl benzyl phthalate	85-68-7	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
1,1'-Biphenyl	92-52-4	mg/kg						ND		
Benzaldehyde	100-52-7	mg/kg						ND		
2-Chloronaphthalene	91-58-7	mg/kg						ND		
4-Chloroaniline	106-47-8	mg/kg						ND		
Carbazole	86-74-8	mg/kg						0.0261 J		
Caprolactam	105-60-2	mg/kg						ND		
Chrysene	218-01-9	mg/kg			3.9	1		0.447		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						ND		
bis(2-Chloroethyl)ether	111-44-4	mg/kg						ND		
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg						ND		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						ND		
2,4-Dinitrotoluene	121-14-2	mg/kg						ND ^a		
2,6-Dinitrotoluene	606-20-2	mg/kg						ND ^a		
3,3'-Dichlorobenzidine	91-94-1	mg/kg						ND ^a		
1,4-Dioxane	123-91-1	mg/kg			13	0.1		ND		
Dibenzo(a,h)anthracene	53-70-3	mg/kg			0.33	0.33		0.104 ^b		
Dibenzofuran	132-64-9	mg/kg			59	7		0.0207 J		
Di-n-butyl phthalate	84-74-2	mg/kg						ND		
Di-n-octyl phthalate	117-84-0	mg/kg						ND		
Diethyl phthalate	84-66-2	mg/kg						ND		
Dimethyl phthalate	131-11-3	mg/kg						ND		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						ND		
Fluoranthene	206-44-0	mg/kg			100	100		0.463		
Fluorene	86-73-7	mg/kg			100	30		0.0277 J		
Hexachlorobenzene	118-74-1	mg/kg			1.2	0.33		ND		
Hexachlorobutadiene	87-68-3	mg/kg						ND		
Hexachlorocyclopentadiene	77-47-4	mg/kg						ND		
Hexachloroethane	67-72-1	mg/kg						ND		
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg			0.5	0.5		0.399 J ^b		
Isophorone	78-59-1	mg/kg						ND		
2-Methylnaphthalene	91-57-6	mg/kg						0.0151 J		
2-Nitroaniline	88-74-4	mg/kg						ND		
3-Nitroaniline	99-09-2	mg/kg						ND		
4-Nitroaniline	100-01-6	mg/kg						ND ^a		
Naphthalene	91-20-3	mg/kg			100	12		0.0299 J		
Nitrobenzene	98-95-3	mg/kg			15			ND		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg						ND		
N-Nitrosodiphenylamine	86-30-6	mg/kg						ND		
Phenanthrene	85-01-8	mg/kg			100	100		0.217		
Pyrene	129-00-0	mg/kg			100	100		0.483		
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg						ND		
2-Fluorophenol	367-12-4	%						37		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Fluorophenol (1)	367-12-4	%								
Phenol-d5	4165-62-2	%						54		
Phenol-d5 (1)	4165-62-2	%								
2,4,6-Tribromophenol	118-79-6	%						44		
2,4,6-Tribromophenol (1)	118-79-6	%								
Nitrobenzene-d5	4165-60-0	%						58		
Nitrobenzene-d5 (1)	4165-60-0	%								
2-Fluorobiphenyl	321-60-8	%						62		
2-Fluorobiphenyl (1)	321-60-8	%								
Terphenyl-d14	1718-51-0	%						68		
Terphenyl-d14 (1)	1718-51-0	%								
(MS Volatiles (SW846 8260D))										
Acetone	67-64-1	mg/kg			100	0.05		0.0268		
Benzene	71-43-2	mg/kg			4.8	0.06		0.00041 J		
Bromochloromethane	74-97-5	mg/kg						ND		
Bromodichloromethane	75-27-4	mg/kg						ND		
Bromoform	75-25-2	mg/kg						ND		
Bromomethane	74-83-9	mg/kg						ND		
2-Butanone (MEK)	78-93-3	mg/kg			100	0.12		0.0035 J		
Carbon disulfide	75-15-0	mg/kg						0.0021		
Carbon tetrachloride	56-23-5	mg/kg			2.4	0.76		ND		
Chlorobenzene	108-90-7	mg/kg			100	1.1		ND		
Chloroethane	75-00-3	mg/kg						ND		
Chloroform	67-66-3	mg/kg			49	0.37		ND		
Chloromethane	74-87-3	mg/kg						ND		
Cyclohexane	110-82-7	mg/kg						ND		
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg						ND		
Dibromochloromethane	124-48-1	mg/kg						ND		
1,2-Dibromoethane	106-93-4	mg/kg						ND		
1,2-Dichlorobenzene	95-50-1	mg/kg			100	1.1		ND		
1,3-Dichlorobenzene	541-73-1	mg/kg			49	2.4		ND		
1,4-Dichlorobenzene	106-46-7	mg/kg			13	1.8		ND		
Dichlorodifluoromethane	75-71-8	mg/kg						ND		
1,1-Dichloroethane	75-34-3	mg/kg			26	0.27		ND		
1,2-Dichloroethane	107-06-2	mg/kg			3.1	0.02		ND		
1,1-Dichloroethene	75-35-4	mg/kg			100	0.33		ND		
cis-1,2-Dichloroethene	156-59-2	mg/kg			100	0.25		ND		
trans-1,2-Dichloroethene	156-60-5	mg/kg			100	0.19		ND		
1,2-Dichloropropane	78-87-5	mg/kg						ND		
cis-1,3-Dichloropropene	10061-01-5	mg/kg						ND		
trans-1,3-Dichloropropene	10061-02-6	mg/kg						ND		
Ethylbenzene	100-41-4	mg/kg			41	1		ND		
Freon 113	76-13-1	mg/kg						ND		

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
2-Hexanone	591-78-6	mg/kg						ND ^a		
Isopropylbenzene	98-82-8	mg/kg						ND		
Methyl Acetate	79-20-9	mg/kg						ND		
Methylcyclohexane	108-87-2	mg/kg						ND		
Methyl Tert Butyl Ether	1634-04-4	mg/kg			100	0.93		ND		
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg						ND		
Methylene chloride	75-09-2	mg/kg			100	0.05		ND		
Styrene	100-42-5	mg/kg						ND		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						ND		
Tetrachloroethene	127-18-4	mg/kg			19	1.3		ND		
Toluene	108-88-3	mg/kg			100	0.7		ND		
1,2,3-Trichlorobenzene	87-61-6	mg/kg						ND		
1,2,4-Trichlorobenzene	120-82-1	mg/kg						ND		
1,1,1-Trichloroethane	71-55-6	mg/kg			100	0.68		ND		
1,1,2-Trichloroethane	79-00-5	mg/kg						ND		
Trichloroethene	79-01-6	mg/kg			21	0.47		ND		
Trichlorofluoromethane	75-69-4	mg/kg						ND		
Vinyl chloride	75-01-4	mg/kg			0.9	0.02		ND		
m,p-Xylene	M,P-XYLENE	mg/kg			100	0.26		ND		
o-Xylene	95-47-6	mg/kg			100	0.26		ND		
Xylene (total)	1330-20-7	mg/kg			100	0.26		ND		
Dibromofluoromethane	1868-53-7	%						73.0 * ^q		
Dibromofluoromethane (1)	1868-53-7	%						49.0 * ^q		
1,2-Dichloroethane-D4	17060-07-0	%						115		
1,2-Dichloroethane-D4 (1)	17060-07-0	%						99		
Toluene-D8	2037-26-5	%						98		
Toluene-D8 (1)	2037-26-5	%						98		
4-Bromofluorobenzene	460-00-4	%						96		
4-Bromofluorobenzene (1)	460-00-4	%						93		
16 result(s) exceeded regulatory criteria.										

Footnote	Comments
a	Associated CCV outside of control limits high, sample was ND.
b	Associated CCV outside of control limits high.
c	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
d	LIMITS: 50-133%
e	LIMITS: 50-122%
f	LIMITS: 20-150%
g	Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
h	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-133%
i	Surrogate recoveries outside of control limits, however sample results ND. LIMITS: 50-122%

Table 3.1 Summary of Soil Collection Results

Job Number:			NY PFAS guidance restricted residential (NY GUIDANCE VALUES) >=	NY PFAS guidance unrestricted (NY GUIDANCE VALUES) >=	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06) >=	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06) >=	JD58693	JD58693	JD58693	JD58693
Client:							SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)	SESI Consulting Engineers (Parsippany, NJ)
Project Description:							100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY	100 Main Street, White Plains, NY
Job Reference:							12461	12461	12461	12461
Client Sample ID:							SB19(14-14.5)	SB19(15.5-16)	SB19(15.5-16)	SB19(15.5-16)
Lab Sample ID:							JD58693-19B	JD58693-20	JD58693-20A	JD58693-20B
Location:										
Date Sampled:							1/12/2023 10:00 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM	1/12/2023 10:05 AM
Matrix:							Soil	Soil	Soil	Soil
Analyte	CAS #	Unit								
j	Recovery corrected for suspected double spike.									
k	Associated confirmation CCV outside control limits.									
l	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Associated CCV outside of control limits low.									
m	Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.									
n	Surrogate recoveries corrected for double spike. LIMITS: 50-133%									
o	Surrogate recoveries corrected for double spike. LIMITS: 50-122%									
p	Elevated detection limit due to dilution required for high interfering element.									
q	Outside control limits due to matrix interference.									
r	Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.									
s	Outside control limits due to dilution. LIMITS: 50-133%									
t	Outside control limits due to dilution. LIMITS: 50-122%									
u	Associated confirmation CCV outside control limits. Primary and confirmation results differ by more than 40%. Lower value reported.									
v	Outside control limits due to possible matrix interference.									

Table 3.3 - Groundwater Analytical Results

[illegible]

Table 3.3 - Groundwater Analytical Results

SAMPLE ID:				GW-2			GW-3			GW-4			GW-5			GW-6			GW-7			GW-8			GW-9			GW-10			GW-11			GW-12			GW-13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
LAB ID:				L2316452-05			L2316865-01			L2316865-02			L2316865-03			L2316865-04			L2316865-05			L2318715-01			L2318715-02			L2331226-08			L2331226-09			L2331480-06			L2331480-07																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
COLLECTION DATE:				3/29/2023			3/30/2023			3/30/2023			3/30/2023			3/30/2023			3/30/2023			4/7/2023			4/7/2023			6/5/2023			6/5/2023			6/6/2023			6/6/2023																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SAMPLE MATRIX:				GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
ANALYTES		CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Perfluorobutanoic Acid (PFBA)				375-22-4			57.5	8.27	1.32	23.6	6.25	1	26.4	6.41	1.02	5.69	J	6.41	1.02	7.8	6.24	0.998	8.47	5.74	0.918	4	J	6.16	0.986	13.4	6.38	1.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Perfluorodecanesulfonic Acid (PFDS)				335-77-3			ND	2.07	0.475	ND	1.56	0.369	ND	1.6	0.368	ND	1.6	0.368	ND	1.56	0.359	ND	1.44	0.33	ND	1.54	0.354	0.558	J	1.59	0.366	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Perfluorodecanoic Acid (PFDA)				335-76-2			ND	2.07	0.837	1.48	J	1.56	0.633	1.52	J	1.6	0.649	1.12	JF	1.6	0.649	ND	1.56	0.632	1.72	1.44	0.581	ND	1.54	0.624	0.717	JF	1.59	0.645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Perfluorododecanoic Acid (PFDoA)				307-55-1			ND	2.07	0.951	ND	1.56	0.719	ND	1.6	0.737	ND	1.6	0.737	ND	1.56	0.718	ND	1.44	0.66	ND	1.54	0.709	ND	1.59	0.733	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Perfluoroheptanesulfonic Acid (PFHpS)				375-92-8			ND	2.07	0.558	ND	1.56	0.422	0.961	J	1.6	0.432	ND	1.6	0.432	2.1	1.56	0.421	0.646	J	1.44	0.387	ND	1.54	0.416	0.638	J	1.59	0.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Perfluoroheptanoic Acid (PFHpA)				375-85-9			57.7	2.07	0.413	16.2	1.56	0.312	17.4	1.6	0.32	2.32	F	1.6	0.32	7.25	1.56	0.312	5.81	1.44	0.287	1.54	1.54	0.308	9.32	1.59	0.319	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Perfluorohexanesulfonic Acid (PFHxS)				355-46-4			4.44	2.07	0.496	14.1	1.56	0.375	12.7	1.6	0.384	3.6	1.6	0.384	348	1.56	0.374	26.3	1.44	0.344	3.93	1.54	0.37	9.8	1.59	0.382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Perfluorohexanoic Acid (PFHxA)				307-24-4			138	2.07	0.61	23.9	1.56	0.461	40.1	1.6	0.472	4.65	1.6	0.473	17.8	1.56	0.46	11	1.44	0.423	4	1.54	0.454	40.8	1.59	0.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Perfluorononanoic Acid (PFNA)				375-95-1			4.44	2.07	0.651	0.859	J	1.56	0.492	1.2	J	1.6	0.504	1.52	J	1.6	0.505	0.702	J	1.56	0.491	1.58	1.44	0.452	ND	1.54	0.485	2.07	1.59	0.502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Perfluorooctanesulfonamide (PFOSA)				754-91-6			ND	2.07	0.558	ND	1.56	0.422	1.92	1.6	0.432	1.28	J	1.6	0.432	ND	1.56	0.421	ND	1.44	0.387	ND	1.54	0.416	0.638	J	1.59	0.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Perfluorooctanesulfonic Acid (PFOS)				1763-23-1		2.7	8.16	2.07	0.94	1.87	1.56	0.711	10.9	1.6	0.729	20.8	1.6	0.729	20.9	1.56	0.71	23	1.44	0.653	11.6	1.54	0.701	24.1	1.59	0.725	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.3 - Groundwater Analytical Results

[illegible]

Table 3.3 - Groundwater Analytical Results

[illegible]

Notes
J = Estimated
NYSDEC AWQS = New York State Department of Environmental Conservation Ambient Water Quality Standard
Exceedance of the NYSDEC AWQS
Reporting Limit above the NYSDEC AWQS

Table 3.3 - Groundwater Analytical Results

[illegible]

Table 3.3 - Groundwater Analytical Results

[illegible]

Table 3.3 - Groundwater Analytical Results

[illegible]

Table 3.3 - Groundwater Analytical Results

SAMPLE ID:				GW-14			GW-15			GW-16			GW-17			GW-18			GW-19			GW-20			GW-21			GW-22			GW-23			GW-27				
LAB ID:	L2331827-06			L2331827-07			L2332665-06			L2332665-07			L2341423-01			L2341423-02			L2341423-03			L2341423-04			L2341423-05			L2341423-06			L2341778-01							
COLLECTION DATE:	6/7/2023			6/7/2023			6/9/2023			6/9/2023			7/19/2023			7/19/2023			7/19/2023			7/19/2023			7/19/2023			7/19/2023			7/20/2023							
SAMPLE MATRIX:	GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER							
ANALYTES	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL				
Unknown Alkane			4.8	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Alkane			-	-	-	-	7.53	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Alkene			19.3	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Amide			7.02	J	0	0	-	-	-	-	-	-	-	-	5.49	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Amine			11.2	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Benzene			-	-	-	-	10.2	J	0	0	-	-	-	-	3.67	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Naphthalene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Naphthalene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Organic Acid			-	-	-	-	-	-	-	-	-	-	-	-	34.7	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Organic Acid			-	-	-	-	-	-	-	-	-	-	-	-	22.2	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Unknown Organic Acid			-	-	-	-	-	-	-	-	33.6	J	0	0	5.16	J	0	0	-	-	-	-	11.4	J	0	0	11.3	J	0	0	-	-	-	4.65	J	0	0	
Unknown Organic Acid			-	-	-	-	-	-	-	-	2.22	J	0	0	5.89	J	0	0	-	-	-	-	1.6	J	0	0	1.74	J	0	0	-	-	-	5.38	J	0	0	
Unknown Organic Acid			-	-	-	-	-	-	-	-	5.71	J	0	0	2.87	J	0	0	6.11	J	0	0	-	-	-	-	4.91	J	0	0	4.69	J	0	0	2.4	J	0	0
Unknown Organic Acid			56.2	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Unknown Organic Acid			-	-	-	-	3.34	J	0	0	8.62	J	0	0	2.44	J	0	0	2	J	0	0	4.84	J	0	0	2.04	J	0	0	2.07	J	0	0	1.49	J	0	0
Unknown Organic Acid			-	-	-	-	72	J	0	0	6.54	J	0	0	5.64	J	0	0	7.31	J	0	0	2.22	J	0	0	2.8	J	0	0	2	J	0	0	4.54	J	0	0
Unknown PAH			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Unknown PAH			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Unknown PAH			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Unknown Siloxane			5.85	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Unknown Siloxane			4.22	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Total TIC Compounds			190	J	0	0	161	J	0	0	94.9	J	0	0	107	J	0	0	22.9	J	0	0	21.4	J	0	0	39.3	J	0	0	38.9	J	0	0	16.4	J	0	0
Presicides (ug/l)																																						
4,4'-DDD	72-54-8	0.3	ND	0.029	0.003	ND	0.033	0.004	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003			
4,4'-DDE	72-55-9	0.2	ND	0.029	0.003	ND	0.033	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003			
4,4'-DDT	50-29-3	0.2	ND	0.029	0.003	ND	0.033	0.004	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003			
Aldrin	309-00-2	0	ND	0.014	0.002	ND	0.017	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002			
Alpha-BHC	319-84-6	0.01	ND	0.014	0.003	ND	0.017	0.004	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003			
Beta-BHC	319-85-7	0.04	ND	0.014	0.004	ND	0.017	0.005	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004			
Chlordane	57-74-9	0.05	ND	0.143	0.033	ND	0.167	0.039	ND	0.143	0.033	ND	0.143	0.033	ND	0.143	0.033	ND	0.143	0.033	ND	0.143	0.033	ND	0.143	0.033	ND	0.143	0.033	ND	0.143	0.033	ND	0.143	0.033			
cis-Chlordane	5103-71-9		ND	0.014	0.005	ND	0.017	0.006	ND	0.014	0.005	ND	0.014	0.005	ND	0.014	0.005	ND	0.014	0.005	ND	0.014	0.005	ND	0.014	0.005	ND	0.014	0.005	ND	0.014	0.005	ND	0.014	0.005			
Delta-BHC	319-86-8	0.04	ND	0.014	0.003	ND	0.017	0.004	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003			
Dieldrin	60-57-1	0.004	ND	0.029	0.003	ND	0.033	0.004	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003			
Endosulfan I	959-98-8		ND	0.014	0.002	ND	0.017	0.003	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002			
Endosulfan II	33213-65-9		ND	0.029	0.004	ND	0.033	0.004	ND	0.029	0.004	ND	0.029	0.004	ND	0.029	0.004	ND	0.029	0.004	ND	0.029	0.004	ND	0.029	0.004	ND	0.029	0.004	ND	0.029	0.004	ND	0.029	0.004			
Endosulfan sulfate	1031-07-8		ND	0.029	0.003	ND	0.033	0.004	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003			
Endrin	72-20-8	0	ND	0.029	0.003	ND	0.033	0.004	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003			
Endrin aldehyde	7421-93-4	5	ND	0.029	0.006	ND	0.033	0.007	ND	0.029	0.006	ND	0.029	0.006	ND	0.029	0.006	ND	0.029	0.006	ND	0.029	0.006	ND	0.029	0.006	ND	0.029	0.006	ND	0.029	0.006	ND	0.029	0.006			
Endrin ketone	53494-70-5	5	ND	0.029	0.003	ND	0.033	0.004	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003	ND	0.029	0.003			
Heptachlor	76-44-8	0.04	ND	0.014	0.002	ND	0.017	0.003	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002	ND	0.014	0.002			
Heptachlor epoxide	1024-57-3	0.03	ND	0.014	0.003	ND	0.017	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003			
Lindane	58-99-9	0.05	ND	0.014	0.003	ND	0.017	0.004	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003	ND	0.014	0.003			
Methoxychlor	72-43-5	35	ND	0.143	0.005	ND	0.167	0.006	ND	0.143	0.005	ND	0.143	0.005	ND	0.143	0.005	ND	0.143	0.005	ND	0.143	0.005	ND	0.143	0.005	ND	0.143	0.005	ND	0.143	0.005	ND	0.143	0.005			
Toxaphene	8001-35-2	0.06	ND	0.143	0.045	ND	0.167	0.052	ND	0.143	0.045	ND	0.143	0.045	ND	0.143	0.045	ND	0.143	0.045	ND	0.143	0.045	ND	0.143	0.045	ND	0.143	0.045	ND	0.143	0.045	ND	0.143	0.045			
trans-Chlordane	5103-74-2		ND	0.014	0.004	ND	0.017	0.005	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004	ND	0.014	0.004			
PCBs (ug/l)																																						
Aroclor 1016	12674-11-2	0.09	ND	0.071	0																																	

Notes

J = Estimated

NYSDEC AWQS = New York State Department of Environmental

Conservation Ambient Water Quality Standard

Exceedance of the NYSDEC AWQS

Reporting Limit above the NYSDEC AWQS

Reporting Email above the NFOBEO / RWQs

Table 3.5 - Summary of Soil Vapor Results

SAMPLE ID:														IA-3		SSV-3		IA-4		SSV-4		IA-5		SSV-5	
LAB ID:														L2316892-01		L2316892-07		L2316892-02		L2316892-08		L2316892-03		L2316892-09	
COLLECTION DATE:														3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023	
SAMPLE MATRIX:														INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	CAS	IAC-A	IAC-B	IAC-C	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-C	SSC-D	SSC-E	SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
1,1,1-Trichloroethane	71-55-6		3						100					ND	0.109	ND	1.09	ND	0.109	ND	1.09	ND	0.109	ND	1.09
1,1,2,2-Tetrachloroethane	79-34-5													ND	1.37	ND	1.37	ND	1.37	ND	1.37	ND	1.37	ND	1.37
1,1,2-Trichloroethane	79-00-5													ND	1.09	ND	1.09	ND	1.09	ND	1.09	ND	1.09	ND	1.09
1,1-Dichloroethane	75-34-3													ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809
1,1-Dichloroethene	75-35-4	0.2						6						ND	0.079	ND	0.793	ND	0.079	ND	0.793	ND	0.079	ND	0.793
1,2,4-Trichlorobenzene	120-82-1													ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48
1,2,4-Trimethylbenzene	95-63-6				2						60			ND	0.983	5.16	0.983	ND	0.983	7.96	0.983	ND	0.983	7.87	0.983
1,2-Dibromoethane	106-93-4													ND	1.54	ND	1.54	ND	1.54	ND	1.54	ND	1.54	ND	1.54
1,2-Dichlorobenzene	95-50-1													ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,2-Dichloroethane	107-06-2													ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809
1,2-Dichloropropane	78-87-5													ND	0.924	ND	0.924	ND	0.924	ND	0.924	ND	0.924	ND	0.924
1,3,5-Trimethylbenzene	108-67-8				2						60			ND	0.983	1.65	0.983	ND	0.983	3.15	0.983	ND	0.983	2.35	0.983
1,3-Butadiene	106-99-0													ND	0.442	ND	0.442	0.903	0.442	ND	0.442	ND	0.442	ND	0.442
1,3-Dichlorobenzene	541-73-1													ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,4-Dichlorobenzene	106-46-7													ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,4-Dioxane	123-91-1													ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721
2,2,4-Trimethylpentane	540-84-1				2						60			ND	0.934	ND	0.934	1.63	0.934	3.1	0.934	ND	0.934	ND	0.934
2-Butanone	78-93-3													ND	1.47	ND	1.47	ND	1.47	20.2	1.47	ND	1.47	1.5	1.47
2-Hexanone	591-78-6													ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82
3-Chloropropene	107-05-1													ND	0.626	ND	0.626	ND	0.626	ND	0.626	ND	0.626	ND	0.626
4-Ethyltoluene	622-96-8													ND	0.983	ND	0.983	ND	0.983	1.64	0.983	ND	0.983	1.28	0.983
4-Methyl-2-pentanone	108-10-1													ND	2.05	ND	2.05	ND	2.05	ND	2.05	ND	2.05	ND	2.05
Acetone	67-64-1													6.13	2.38	10.6	2.38	2.54	2.38	65.3	2.38	13.9	2.38	178	2.38
Benzene	71-43-2				2						60			1.53	0.639	0.824	0.639	3.35	0.639	1.44	0.639	0.974	0.639	0.91	0.639
Benzyl chloride	100-44-7													ND	1.04	ND	1.04	ND	1.04	ND	1.04	ND	1.04	ND	1.04
Bromodichloromethane	75-27-4													ND	1.34	ND	1.34	ND	1.34	ND	1.34	ND	1.34	ND	1.34
Bromoform	75-25-2													ND	2.07	ND	2.07	ND	2.07	ND	2.07	ND	2.07	ND	2.07
Bromomethane	74-83-9													ND	0.777	ND	0.777	ND	0.777	ND	0.777	ND	0.777	ND	0.777
Carbon disulfide	75-15-0													ND	0.623	ND	0.623	ND	0.623	2.97	0.623	ND	0.623	ND	0.623
Carbon tetrachloride	56-23-5	0.2						6						0.465	0.126	ND	1.26	0.497	0.126	ND	1.26	0.503	0.126	ND	1.26
Chlorobenzene	108-90-7													ND	0.921	ND	0.921	ND	0.921	ND	0.921	ND	0.921	ND	0.921
Chloroethane	75-00-3													ND	0.528	ND	0.528	ND	0.528	ND	0.528	ND	0.528	ND	0.528
Chloroform	67-66-3													ND	0.977	ND	0.977	ND	0.977	1.83	0.977	ND	0.977	ND	0.977
Chloromethane	74-87-3													1.08	0.413	0.681	0.413	1.09	0.413	ND	0.413	1.08	0.413	1.02	0.413
cis-1,2-Dichloroethene	156-59-2	0.2						6						ND	0.079	ND	0.793	ND	0.079	ND	0.793	ND	0.079	ND	0.793
cis-1,3-Dichloropropene	10061-01-5													ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908
Cyclohexane	110-82-7				2						60			ND	0.688	ND	0.688	ND	0.688	1.34	0.688	ND	0.688	ND	0.688
Dibromochloromethane	124-48-1													ND	1.7	ND	1.7	ND	1.7	ND	1.7	ND	1.7	ND	1.7
Dichlorodifluoromethane	75-71-8													2.79	0.989	24.9	0.989	2.79	0.989	287	0.989	2.9	0.989	3.76	0.989
Ethanol	64-17-5													ND	9.42	ND	9.42	ND	9.42	20.5	9.42	ND	9.42	ND	9.42
Ethyl Acetate	141-78-6													ND	1.8	ND	1.8	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Ethylbenzene	100-41-4				2						60			ND	0.869	ND	0.869	1.09	0.869	3.63	0.869	ND	0.869	1.37	0.869
Freon-113	76-13-1													ND	1.53	ND	1.53	ND	1.53	ND	1.53	ND	1.53	ND	1.53
Freon-114	76-14-2													ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	1.4
Heptane	142-82-5					6						200		ND	0.82	ND	0.82	1.18	0.82	3.44	0.82	ND	0.82	ND	0.82
Hexachlorobutadiene	87-68-3													ND	2.13	ND	2.13	ND	2.13	ND	2.13	ND	2.13	ND	2.13
Isopropanol	67-63-0													ND	1.23	ND	1.23	1.74	1.23	8.38	1.23	1.52	1.23	13.6	1.23

Table 3.5 - Summary of Soil Vapor Results

SAMPLE ID:														IA-3		SSV-3		IA-4		SSV-4		IA-5		SSV-5	
LAB ID:														L2316892-01		L2316892-07		L2316892-02		L2316892-08		L2316892-03		L2316892-09	
COLLECTION DATE:														3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023	
SAMPLE MATRIX:														INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	CAS	IAC-A	IAC-B	IAC-C	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-C	SSC-D	SSC-E	SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methyl tert butyl ether	1634-04-4													ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721
Methylene chloride	75-09-2		3						100					ND	1.74	ND	1.74	ND	1.74	ND	1.74	ND	1.74	ND	1.74
n-Hexane	110-54-3					6						200		0.849	0.705	ND	0.705	2.23	0.705	2.05	0.705	ND	0.705	ND	0.705
o-Xylene	95-47-6				2						60			ND	0.869	1.55	0.869	1.23	0.869	8.77	0.869	ND	0.869	3.76	0.869
p/m-Xylene	179601-23-1					6						200		ND	1.74	2.6	1.74	3.2	1.74	19.9	1.74	ND	1.74	9.99	1.74
Styrene	100-42-5													ND	0.852	ND	0.852	ND	0.852	ND	0.852	ND	0.852	ND	0.852
Tertiary butyl Alcohol	75-65-0													ND	1.52	4.52	1.52	ND	1.52	3.06	1.52	ND	1.52	4.34	1.52
Tetrachloroethene	127-18-4		3						100					ND	0.136	15	1.36	0.163	0.136	3.48	1.36	ND	0.136	6.43	1.36
Tetrahydrofuran	109-99-9													ND	1.47	ND	1.47	ND	1.47	ND	1.47	ND	1.47	ND	1.47
Toluene	108-88-3						10						300	2.2	0.754	1.25	0.754	5.28	0.754	6.71	0.754	1.19	0.754	1.62	0.754
trans-1,2-Dichloroethene	156-60-5													ND	0.793	ND	0.793	ND	0.793	ND	0.793	ND	0.793	ND	0.793
trans-1,3-Dichloropropene	10061-02-6													ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908
Trichloroethene	79-01-6	0.2						6						ND	0.107	ND	1.07	ND	0.107	ND	1.07	ND	0.107	ND	1.07
Trichlorofluoromethane	75-69-4													1.5	1.12	1.39	1.12	1.47	1.12	ND	1.12	1.46	1.12	1.45	1.12
Vinyl bromide	593-60-2													ND	0.874	ND	0.874	ND	0.874	ND	0.874	ND	0.874	ND	0.874
Vinyl chloride	75-01-4			0.2						6				ND	0.051	ND	0.511	ND	0.051	ND	0.511	ND	0.051	ND	0.511

Notes

SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-C: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-B: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-C: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-D: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-E: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-F: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

Exceedance of a IAC/SSC NYDOH Matrix

Table 3.5 - Summary of Soil Vapor Results

SAMPLE ID:														IA-6		SSV-6		IA-7		SSV-7		IA-8		SSV-8	
LAB ID:														L2316892-04		L2316892-10		L2316892-05		L2316892-11		L2316892-06		L2316892-12	
COLLECTION DATE:														3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023	
SAMPLE MATRIX:														INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	CAS	IAC-A	IAC-B	IAC-C	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-C	SSC-D	SSC-E	SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
1,1,1-Trichloroethane	71-55-6		3						100					ND	0.109	3.05	1.09	ND	0.109	ND	1.09	ND	0.109	ND	1.09
1,1,2,2-Tetrachloroethane	79-34-5													ND	1.37	ND	1.37	ND	1.37	ND	1.37	ND	1.37	ND	1.37
1,1,2-Trichloroethane	79-00-5													ND	1.09	ND	1.09	ND	1.09	ND	1.09	ND	1.09	ND	1.09
1,1-Dichloroethane	75-34-3													ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809
1,1-Dichloroethene	75-35-4	0.2						6						ND	0.079	ND	0.793	ND	0.079	ND	0.793	ND	0.079	ND	0.793
1,2,4-Trichlorobenzene	120-82-1													ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48
1,2,4-Trimethylbenzene	95-63-6				2						60			ND	0.983	3.81	0.983	ND	0.983	1.01	0.983	ND	0.983	1.08	0.983
1,2-Dibromoethane	106-93-4													ND	1.54	ND	1.54	ND	1.54	ND	1.54	ND	1.54	ND	1.54
1,2-Dichlorobenzene	95-50-1													ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,2-Dichloroethane	107-06-2													ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809
1,2-Dichloropropane	78-87-5													ND	0.924	ND	0.924	ND	0.924	ND	0.924	ND	0.924	ND	0.924
1,3,5-Trimethylbenzene	108-67-8				2						60			ND	0.983	1.5	0.983	ND	0.983	ND	0.983	ND	0.983	ND	0.983
1,3-Butadiene	106-99-0													ND	0.442	ND	0.442	ND	0.442	ND	0.442	ND	0.442	ND	0.442
1,3-Dichlorobenzene	541-73-1													ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,4-Dichlorobenzene	106-46-7													ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,4-Dioxane	123-91-1													ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721
2,2,4-Trimethylpentane	540-84-1				2						60			ND	0.934	ND	0.934	ND	0.934	ND	0.934	ND	0.934	ND	0.934
2-Butanone	78-93-3													ND	1.47	5.37	1.47	ND	1.47	2.46	1.47	ND	1.47	3.66	1.47
2-Hexanone	591-78-6													ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82
3-Chloropropene	107-05-1													ND	0.626	ND	0.626	ND	0.626	ND	0.626	ND	0.626	ND	0.626
4-Ethyltoluene	622-96-8													ND	0.983	ND	0.983	ND	0.983	ND	0.983	ND	0.983	ND	0.983
4-Methyl-2-pentanone	108-10-1													ND	2.05	ND	2.05	ND	2.05	2.07	2.05	ND	2.05	ND	2.05
Acetone	67-64-1													6.32	2.38	50.4	2.38	5.46	2.38	21.6	2.38	8.72	2.38	76.7	2.38
Benzene	71-43-2				2						60			0.885	0.639	1.64	0.639	0.91	0.639	0.923	0.639	ND	0.639	5.78	0.639
Benzyl chloride	100-44-7													ND	1.04	ND	1.04	ND	1.04	ND	1.04	ND	1.04	ND	1.04
Bromodichloromethane	75-27-4													ND	1.34	ND	1.34	ND	1.34	ND	1.34	ND	1.34	ND	1.34
Bromoform	75-25-2													ND	2.07	ND	2.07	ND	2.07	ND	2.07	ND	2.07	ND	2.07
Bromomethane	74-83-9													ND	0.777	ND	0.777	ND	0.777	ND	0.777	ND	0.777	ND	0.777
Carbon disulfide	75-15-0													ND	0.623	3.89	0.623	ND	0.623	1.8	0.623	ND	0.623	5.08	0.623
Carbon tetrachloride	56-23-5	0.2						6						0.491	0.126	ND	1.26	0.44	0.126	ND	1.26	0.535	0.126	ND	1.26
Chlorobenzene	108-90-7													ND	0.921	ND	0.921	ND	0.921	ND	0.921	ND	0.921	ND	0.921
Chloroethane	75-00-3													ND	0.528	ND	0.528	ND	0.528	ND	0.528	ND	0.528	ND	0.528
Chloroform	67-66-3													ND	0.977	16.3	0.977	ND	0.977	1.25	0.977	ND	0.977	30.1	0.977
Chloromethane	74-87-3													1.11	0.413	ND	0.413	1.06	0.413	ND	0.413	1.11	0.413	ND	0.413
cis-1,2-Dichloroethene	156-59-2	0.2						6						ND	0.079	ND	0.793	ND	0.079	ND	0.793	ND	0.079	ND	0.793
cis-1,3-Dichloropropene	10061-01-5													ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908
Cyclohexane	110-82-7				2						60			ND	0.688	0.809	0.688	ND	0.688	ND	0.688	ND	0.688	ND	0.688
Dibromochloromethane	124-48-1													ND	1.7	ND	1.7	ND	1.7	ND	1.7	ND	1.7	ND	1.7
Dichlorodifluoromethane	75-71-8													2.77	0.989	32.6	0.989	2.78	0.989	5.29	0.989	2.81	0.989	17.9	0.989
Ethanol	64-17-5													ND	9.42	10.9	9.42	ND	9.42	19.2	9.42	ND	9.42	ND	9.42
Ethyl Acetate	141-78-6													ND	1.8	ND	1.8	ND	1.8	ND	1.8	ND	1.8	ND	1.8
Ethylbenzene	100-41-4				2						60			ND	0.869	2.81	0.869	ND	0.869	1.01	0.869	ND	0.869	1.82	0.869
Freon-113	76-13-1													ND	1.53	ND	1.53	ND	1.53	ND	1.53	ND	1.53	ND	1.53
Freon-114	76-14-2													ND	1.4	3.98	1.4	ND	1.4	ND	1.4	ND	1.4	ND	1.4
Heptane	142-82-5					6						200		ND	0.82	2.57	0.82	ND	0.82	ND	0.82	ND	0.82	1.22	0.82
Hexachlorobutadiene	87-68-3													ND	2.13	ND	2.13	ND	2.13	ND	2.13	ND	2.13	ND	2.13
Isopropanol	67-63-0													ND	1.23	2.24	1.23	ND	1.23	ND	1.23	ND	1.23	ND	1.23

Table 3.5 - Summary of Soil Vapor Results

SAMPLE ID:														IA-6		SSV-6		IA-7		SSV-7		IA-8		SSV-8	
LAB ID:														L2316892-04		L2316892-10		L2316892-05		L2316892-11		L2316892-06		L2316892-12	
COLLECTION DATE:														3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023		3/30/2023	
SAMPLE MATRIX:														INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	CAS	IAC-A	IAC-B	IAC-C	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-C	SSC-D	SSC-E	SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methyl tert butyl ether	1634-04-4													ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721
Methylene chloride	75-09-2		3						100					29.3	1.74	ND	1.74	ND	1.74	ND	1.74	ND	1.74	ND	1.74
n-Hexane	110-54-3					6						200		ND	0.705	1.87	0.705	ND	0.705	ND	0.705	ND	0.705	0.828	0.705
o-Xylene	95-47-6				2						60			ND	0.869	1.66	0.869	ND	0.869	0.908	0.869	ND	0.869	2.05	0.869
p/m-Xylene	179601-23-1					6						200		ND	1.74	3.96	1.74	ND	1.74	2.49	1.74	ND	1.74	4.95	1.74
Styrene	100-42-5													ND	0.852	ND	0.852	ND	0.852	ND	0.852	ND	0.852	ND	0.852
Tertiary butyl Alcohol	75-65-0													ND	1.52	1.94	1.52	ND	1.52	2.11	1.52	ND	1.52	4.06	1.52
Tetrachloroethene	127-18-4		3						100					0.156	0.136	12.9	1.36	ND	0.136	19.6	1.36	ND	0.136	22	1.36
Tetrahydrofuran	109-99-9													ND	1.47	ND	1.47	ND	1.47	ND	1.47	ND	1.47	ND	1.47
Toluene	108-88-3						10						300	2.35	0.754	2.65	0.754	1.11	0.754	3.77	0.754	ND	0.754	11.4	0.754
trans-1,2-Dichloroethene	156-60-5													ND	0.793	ND	0.793	ND	0.793	ND	0.793	ND	0.793	ND	0.793
trans-1,3-Dichloropropene	10061-02-6													ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908
Trichloroethene	79-01-6	0.2						6						ND	0.107	ND	1.07	ND	0.107	ND	1.07	ND	0.107	3.07	1.07
Trichlorofluoromethane	75-69-4													1.42	1.12	11.2	1.12	1.48	1.12	6.63	1.12	1.53	1.12	1.83	1.12
Vinyl bromide	593-60-2													ND	0.874	ND	0.874	ND	0.874	ND	0.874	ND	0.874	ND	0.874
Vinyl chloride	75-01-4			0.2						6				ND	0.051	ND	0.511	ND	0.051	ND	0.511	ND	0.051	ND	0.511

Notes

SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-C: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-B: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-C: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-D: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-E: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-F: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

Exceedance of a IAC/SSC NYDOH Matrix

Table 3.5 - Summary of Soil Vapor Results

SAMPLE ID:														IA-9		SSV-9		IA-10		SSV-10	
LAB ID:														L2318681-01		L2318681-03		L2318681-02		L2318681-04	
COLLECTION DATE:														4/7/2023		4/7/2023		4/7/2023		4/7/2023	
SAMPLE MATRIX:														INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	CAS	IAC-A	IAC-B	IAC-C	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-C	SSC-D	SSC-E	SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL
1,1,1-Trichloroethane	71-55-6		3						100					ND	0.109	ND	14.7	ND	0.109	ND	6.06
1,1,2,2-Tetrachloroethane	79-34-5													ND	1.37	ND	18.5	ND	1.37	ND	7.62
1,1,2-Trichloroethane	79-00-5													ND	1.09	ND	14.7	ND	1.09	ND	6.06
1,1-Dichloroethane	75-34-3													ND	0.809	ND	10.9	ND	0.809	ND	4.49
1,1-Dichloroethene	75-35-4	0.2						6						ND	0.079	ND	10.7	ND	0.079	ND	4.4
1,2,4-Trichlorobenzene	120-82-1													ND	1.48	ND	20	ND	1.48	ND	8.24
1,2,4-Trimethylbenzene	95-63-6				2						60			1.45	0.983	18.7	13.2	1.47	0.983	5.6	5.46
1,2-Dibromoethane	106-93-4													ND	1.54	ND	20.7	ND	1.54	ND	8.53
1,2-Dichlorobenzene	95-50-1													ND	1.2	ND	16.2	ND	1.2	ND	6.67
1,2-Dichloroethane	107-06-2													ND	0.809	ND	10.9	ND	0.809	ND	4.49
1,2-Dichloropropane	78-87-5													ND	0.924	ND	12.4	ND	0.924	ND	5.13
1,3,5-Trimethylbenzene	108-67-8				2						60			ND	0.983	ND	13.2	ND	0.983	ND	5.46
1,3-Butadiene	106-99-0													1.46	0.442	38.7	5.95	1.67	0.442	90.9	2.46
1,3-Dichlorobenzene	541-73-1													ND	1.2	ND	16.2	ND	1.2	ND	6.67
1,4-Dichlorobenzene	106-46-7													ND	1.2	ND	16.2	ND	1.2	ND	6.67
1,4-Dioxane	123-91-1													ND	0.721	ND	9.69	ND	0.721	ND	4
2,2,4-Trimethylpentane	540-84-1				2						60			1.23	0.934	ND	12.6	1.45	0.934	ND	5.18
2-Butanone	78-93-3													ND	1.47	1150	19.8	3.07	1.47	378	8.2
2-Hexanone	591-78-6													ND	0.82	ND	11	ND	0.82	ND	4.55
3-Chloropropene	107-05-1													ND	0.626	ND	8.42	ND	0.626	ND	3.47
4-Ethyltoluene	622-96-8													ND	0.983	21	13.2	ND	0.983	8.65	5.46
4-Methyl-2-pentanone	108-10-1													ND	2.05	ND	27.6	ND	2.05	ND	11.4
Acetone	67-64-1													14.8	2.38	4320	32.1	30.6	2.38	2680	13.2
Benzene	71-43-2				2						60			3.48	0.639	37.1	8.59	4.06	0.639	63.9	3.55
Benzyl chloride	100-44-7													ND	1.04	ND	13.9	ND	1.04	ND	5.75
Bromodichloromethane	75-27-4													ND	1.34	ND	18	ND	1.34	ND	7.44
Bromoform	75-25-2													ND	2.07	ND	27.8	ND	2.07	ND	11.5
Bromomethane	74-83-9													ND	0.777	ND	10.4	ND	0.777	ND	4.31
Carbon disulfide	75-15-0													ND	0.623	14	8.38	ND	0.623	6.73	3.46
Carbon tetrachloride	56-23-5	0.2						6						0.51	0.126	ND	16.9	0.522	0.126	ND	6.98
Chlorobenzene	108-90-7													ND	0.921	ND	12.4	ND	0.921	ND	5.11
Chloroethane	75-00-3													ND	0.528	14.2	7.1	ND	0.528	ND	2.93
Chloroform	67-66-3													ND	0.977	31.3	13.1	ND	0.977	ND	5.42
Chloromethane	74-87-3													1.07	0.413	ND	5.55	1.08	0.413	ND	2.29
cis-1,2-Dichloroethene	156-59-2	0.2						6						ND	0.079	ND	10.7	ND	0.079	ND	4.4
cis-1,3-Dichloropropene	10061-01-5													ND	0.908	ND	12.2	ND	0.908	ND	5.04
Cyclohexane	110-82-7				2						60			ND	0.688	ND	9.26	ND	0.688	ND	3.82
Dibromochloromethane	124-48-1													ND	1.7	ND	22.9	ND	1.7	ND	9.46
Dichlorodifluoromethane	75-71-8													2.71	0.989	ND	13.3	2.79	0.989	418	5.49
Ethanol	64-17-5													22.4	9.42	976	127	9.59	9.42	409	52.4
Ethyl Acetate	141-78-6													ND	1.8	ND	24.3	ND	1.8	28.2	10
Ethylbenzene	100-41-4				2						60			1.46	0.869	886	11.7	2.01	0.869	247	4.82
Freon-113	76-13-1													ND	1.53	ND	20.6	ND	1.53	ND	8.51
Freon-114	76-14-2													ND	1.4	ND	18.8	ND	1.4	ND	7.76
Heptane	142-82-5					6						200		1.07	0.82	16.2	11	1.16	0.82	ND	4.55
Hexachlorobutadiene	87-68-3													ND	2.13	ND	28.7	ND	2.13	ND	11.8
Isopropanol	67-63-0													2.1	1.23	225	16.5	ND	1.23	60.2	6.83

Table 3.5 - Summary of Soil Vapor Results

SAMPLE ID:														IA-9		SSV-9		IA-10		SSV-10	
LAB ID:														L2318681-01		L2318681-03		L2318681-02		L2318681-04	
COLLECTION DATE:														4/7/2023		4/7/2023		4/7/2023		4/7/2023	
SAMPLE MATRIX:														INDOOR AIR		SOIL_VAPOR		INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	CAS	IAC-A	IAC-B	IAC-C	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-C	SSC-D	SSC-E	SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL
Methyl tert butyl ether	1634-04-4													ND	0.721	ND	9.7	ND	0.721	ND	4
Methylene chloride	75-09-2		3						100					ND	1.74	ND	23.4	ND	1.74	ND	9.66
n-Hexane	110-54-3					6						200		1.96	0.705	16.2	9.48	2.27	0.705	5.08	3.91
o-Xylene	95-47-6				2						60			1.89	0.869	66.5	11.7	2.42	0.869	27.6	4.82
p/m-Xylene	179601-23-1					6						200		5.26	1.74	77.3	23.4	7.34	1.74	133	9.64
Styrene	100-42-5													ND	0.852	4850	11.5	ND	0.852	2090	4.73
Tertiary butyl Alcohol	75-65-0													6.4	1.52	92.2	20.4	ND	1.52	69.4	8.43
Tetrachloroethene	127-18-4		3						100					0.176	0.136	27.5	18.2	ND	0.136	16.4	7.53
Tetrahydrofuran	109-99-9													ND	1.47	ND	19.8	ND	1.47	ND	8.2
Toluene	108-88-3						10						300	6.1	0.754	43.3	10.1	7.16	0.754	107	4.18
trans-1,2-Dichloroethene	156-60-5													ND	0.793	ND	10.7	ND	0.793	ND	4.4
trans-1,3-Dichloropropene	10061-02-6													ND	0.908	ND	12.2	ND	0.908	ND	5.04
Trichloroethene	79-01-6	0.2						6						ND	0.107	ND	14.5	ND	0.107	ND	5.97
Trichlorofluoromethane	75-69-4													1.39	1.12	ND	15.1	1.28	1.12	ND	6.24
Vinyl bromide	593-60-2													ND	0.874	ND	11.8	ND	0.874	ND	4.85
Vinyl chloride	75-01-4			0.2						6				ND	0.051	ND	6.88	ND	0.051	ND	2.84

Notes

SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-C: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

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IAC-C: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-D: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

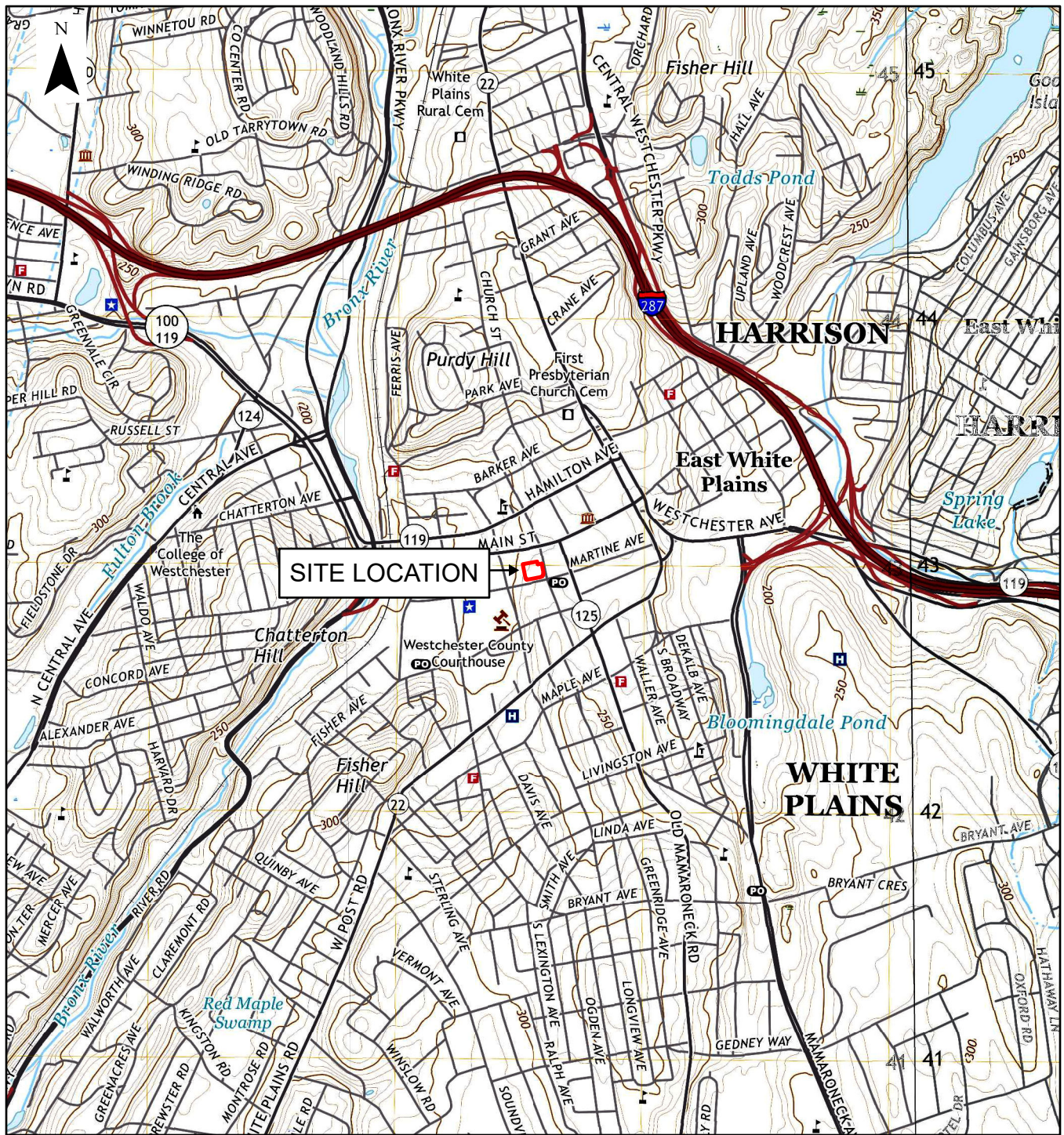
IAC-E: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

IAC-F: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024

Exceedance of a IAC/SSC NYDOH Matrix

Figures

Y:\GIS\Project_Numbers\12859\APRX_Phase1_P1j_No.aprx, 6/6/2024 8:55 AM, Kim Vanderklein, LAYOUT: FIG-1.1



REFERENCE:

UNITED STATES GEOLOGICAL SURVEY (USGS)
WHITE PLAINS, NY USGS QUADRANGLE - 2019

LEGEND:



SUBJECT PROPERTY

SCALE: 1" = 2,000'

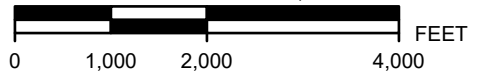


FIG-1.1

DRAWN BY: KBV

CHECKED BY: CM

SCALE: AS NOTED

DATE: 6/6/2024

JOB NO: 12859

60 MAIN STREET
WHITE PLAINS, WESTCHESTER COUNTY, NY

SUBJECT PROPERTY LOCATION MAP

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Analyte	NYSDEC USCOs	NYSDEC RRSCOs
4,4'-DDT	0.0033	7.9
Acetone	0.05	100
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Cadmium	2.5	4.3
Chrysene	1	3.9
Copper	50	270
Chromium	30	-
Dibenzo(a,h)anthracene	0.33	0.33
Dieldrin	0.005	0.2
Indeno(1,2,3-cd)pyrene	0.5	0.5
Lead	63	400
Mercury	0.18	0.81
Nickel	30	310
Zinc	109	10000

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
= concentration exceeds USCO
= concentration exceeds RRSCO

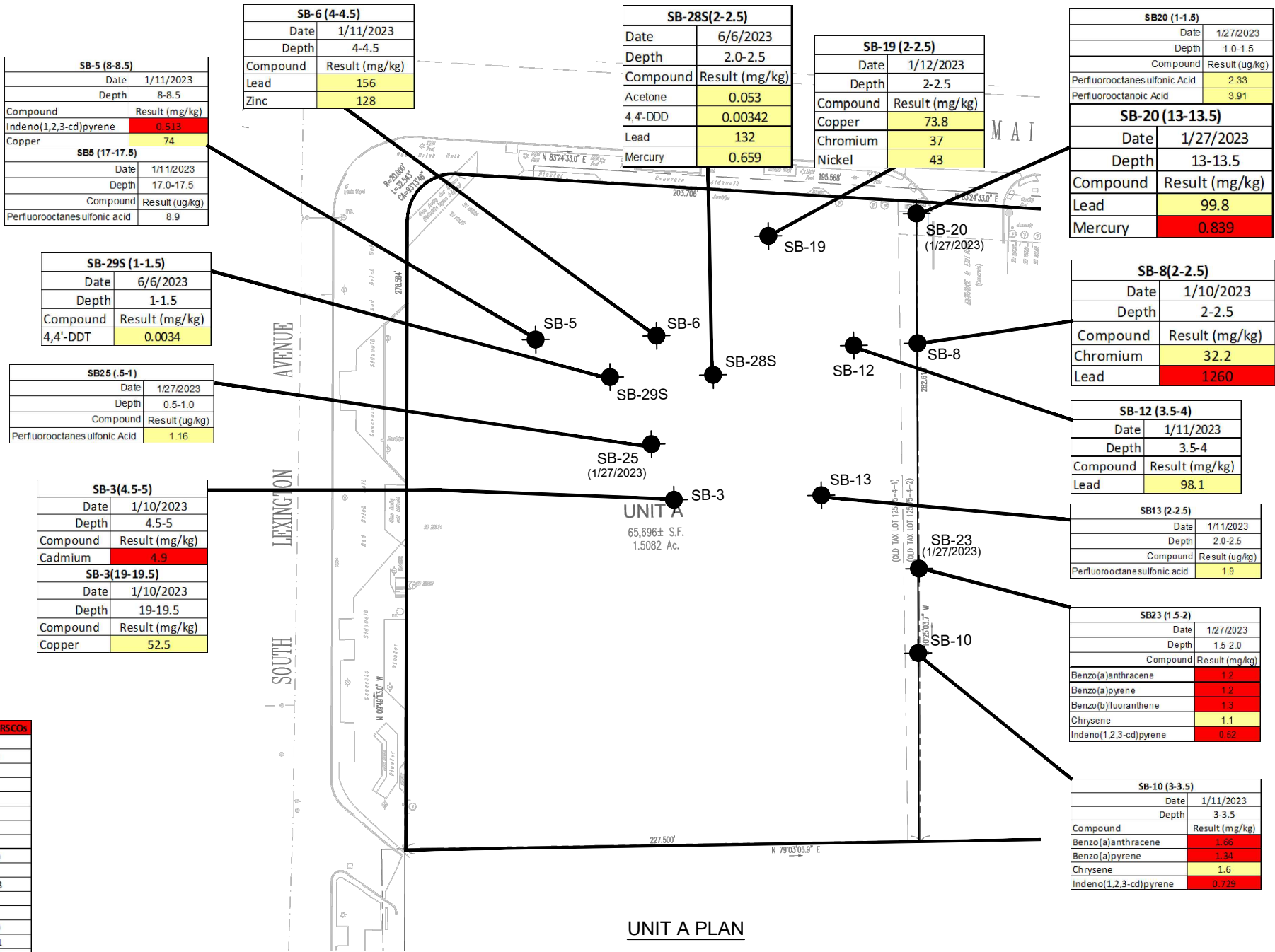
ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6.12/06).
RSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-SL (1/10) (6 NYCRR 375-6.12/06).
mg/kg = Milligrams per kilogram.
Sample Depth is reported in feet below ground surface.
B qualifier indicates elevated detection limit due to dilution.

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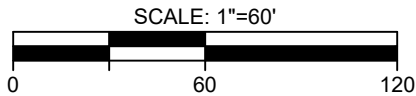
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NOTE:
THIS PLAN IS FOR LOCATING SOIL SAMPLES ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

REFERENCE
1. BASE MAP IS TAKEN FROM "SUBDIVISION OF PROPERTY" PREPARED BY LINE & GRADE SURVEYORS, D.P.C., DATED FEBRUARY 3, 2025.



LEGEND:
SB-10 - SOIL BORING NUMBER & APPROX. LOCATION



dwg by: AW
chk by: SG
scale: AS NOTED
date: 02/19/2025

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project: 100 MAIN STREET
UNIT A
CITY OF WHITE PLAINS
WESTCHESTER COUNTY, NEW YORK
title: SOIL SAMPLE LOCATION PLAN

job no: 12859
drawing no:

FIG 3.1



ANALYTES	NY-AWQS
VOCs (ug/l)	
Acetone	50
Chloroform	7
Styrene	5
PFAS (ng/l)	
Perfluorooctanesulfonic Acid (PFOS)	2.7
Perfluorooctanoic Acid (PFOA)	6.7
SVOCs (ug/l)	
Phenol	1
SVOCs by SIM (ug/l)	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Hexachlorobenzene	0.04
Indeno(1,2,3-cd)pyrene	0.002
Presicides (ug/l)	
Dieldrin	0.004
Chlordane	0.05
Metals (ug/l)	
Antimony, Total	3
Arsenic, Total	25
Barium, Total	1000
Beryllium, Total	3
Cadmium, Total	5
Chromium, Total	50
Copper, Total	200
Iron, Total	300
Lead, Total	25
Magnesium, Total	35000
Manganese, Total	300
Mercury, Total	0.7
Nickel, Total	100
Selenium, Total	10
Sodium, Total	20000
Thallium, Total	0.5

Notes
NY SDECAWQS - New York State Department of Environmental Conservation Ambient Water Quality Standard
Exceedance of the NYSDECAWQS
J = Estimated
ND = Not Detected

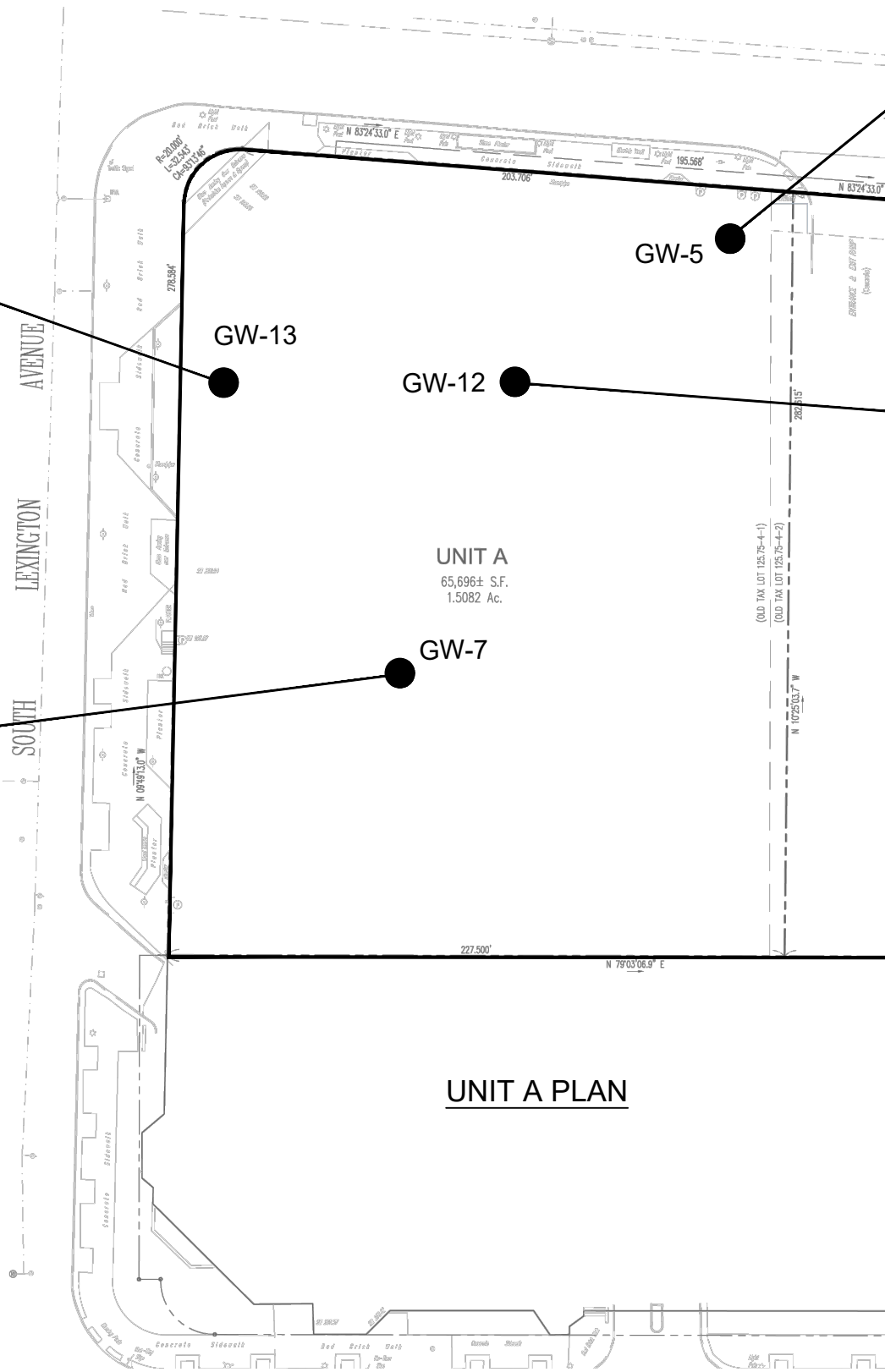
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SAMPLE ID:	GW-13
COLLECTION DATE:	6/6/2023
ANALYTES	Conc Q
VOCs (ug/l)	
Chloroform	7
SVOCs by SIM (ug/l)	
Benzo(b)fluoranthene	0.01 J
Benzo(k)fluoranthene	0.01 J
Chrysene	0.01 J
Metals (ug/l)	
Barium, Total	1620
Chromium, Total	82.65
Copper, Total	245.8
Iron, Total	103000
Lead, Total	119
Magnesium, Total	148000
Manganese, Total	6738
Nickel, Total	296
Selenium, Total	51.2
Sodium, Total	606000
Thallium, Total	1.79

SAMPLE ID:	GW-7
COLLECTION DATE:	3/30/2023
ANALYTES	Conc Q
PFAS (ng/l)	
Perfluorooctanesulfonic Acid (PFOS)	23
Perfluorooctanoic Acid (PFOA)	15.6
SVOCs by SIM (ug/l)	
Benzo(a)anthracene	0.02 J
Metals (ug/l)	
Barium, Total	1417
Beryllium, Total	3.2 J
Chromium, Total	813.6
Copper, Total	819.1
Iron, Total	208000
Lead, Total	115
Magnesium, Total	281000
Manganese, Total	9712
Nickel, Total	400.8
Sodium, Total	710000
Thallium, Total	1.65 J

NOTE:
THIS PLAN IS FOR LOCATING SOIL SAMPLES ONLY.
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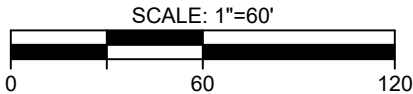
REFERENCE
1. BASE MAP IS TAKEN FROM "SUBDIVISION OF PROPERTY" PREPARED BY LINE & GRADE SURVEYORS, D.P.C., DATED FEBRUARY 3, 2025.



SAMPLE ID:	GW-5
COLLECTION DATE:	3/30/2023
ANALYTES	Conc Q
PFAS (ng/l)	
Perfluorooctanesulfonic Acid (PFOS)	20.8
Perfluorooctanoic Acid (PFOA)	7.05
SVOCs by SIM (ug/l)	
Benzo(a)anthracene	0.09 J
Benzo(a)pyrene	0.09 J
Benzo(b)fluoranthene	0.09 J
Benzo(k)fluoranthene	0.04 J
Chrysene	0.05 J
Indeno(1,2,3-cd)pyrene	0.06 J
Metals (ug/l)	
Barium, Total	2409
Beryllium, Total	3.19 J
Chromium, Total	251.8
Copper, Total	8.20
Iron, Total	182000
Lead, Total	165.5
Magnesium, Total	237000
Manganese, Total	28100
Nickel, Total	437.4
Sodium, Total	298000
Thallium, Total	3.97 J

SAMPLE ID:	GW-12
COLLECTION DATE:	6/6/2023
ANALYTES	Conc Q
SVOCs by SIM (ug/l)	
Benzo(a)anthracene	0.02 J
Benzo(a)pyrene	0.02 J
Benzo(b)fluoranthene	0.02 J
Benzo(k)fluoranthene	0.01 J
Chrysene	0.02 J
Indeno(1,2,3-cd)pyrene	0.01 J
Metals (ug/l)	
Barium, Total	1586
Chromium, Total	119.3
Copper, Total	216.8
Iron, Total	108000
Lead, Total	125.2
Magnesium, Total	166000
Manganese, Total	2550
Nickel, Total	146.4
Selenium, Total	44.8
Sodium, Total	458000
Thallium, Total	1.59

LEGEND:
GW-7 - GROUNDWATER BORING NUMBER AND APPROX. LOCATION



dwg by: AW
chk by: SG
scale: AS NOTED
date: 02/20/2025

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project: 100 MAIN STREET
UNIT A
CITY OF WHITE PLAINS
WESTCHESTER COUNTY, NEW YORK
title: GROUNDWATER LOCATION PLAN

job no: 12859
drawing no:

FIG 3.2



VOLATILE ORGANICS IN AIR (ug/m3)	W-C-A	W-C-B	W-C-D	W-C-E	W-C-F	SSC-A	SSC-B	SSC-D	SSC-E	SSC-F
1,2,4-Trimethylbenzene			2					60		
1,3,5-Trimethylbenzene			2					60		
1,3-Butadiene										
2,2,4-Trimethylpentane			2					60		
2-Butanone										
n-Butylbenzene										
Acetone										
Benzene			2					60		
Carbon disulfide										
Carbon tetrachloride	0.2				6					
Chloroform										
Chloromethane			2					60		
Cyclohexane										
Dichlorodifluoromethane										
Ethanol										
Ethylbenzene			2					60		
Heptane				6					200	
Isopropanol										
Methylene chloride		3			6		100		200	
n-Hexane										
o-Xylene			2					60		
p-m-Xylene				6					200	
Tertiary butyl Alcohol										
Tetrachloroethene	3						100			
Toluene					10					300
Trichlorofluoromethane										

Notes
SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2008, and updated February 2024.
SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2008, and updated February 2024.
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SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2008, and updated February 2024.
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IAC-F: New York DOH Matrix F Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2008, and updated February 2024.
IAC-G: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2008, and updated February 2024.
Exceedance of a IAC/SSC NY DOH Matrix
Reporting Limits above the IAC/SSC NY DOH Matrix

NYS Education Law

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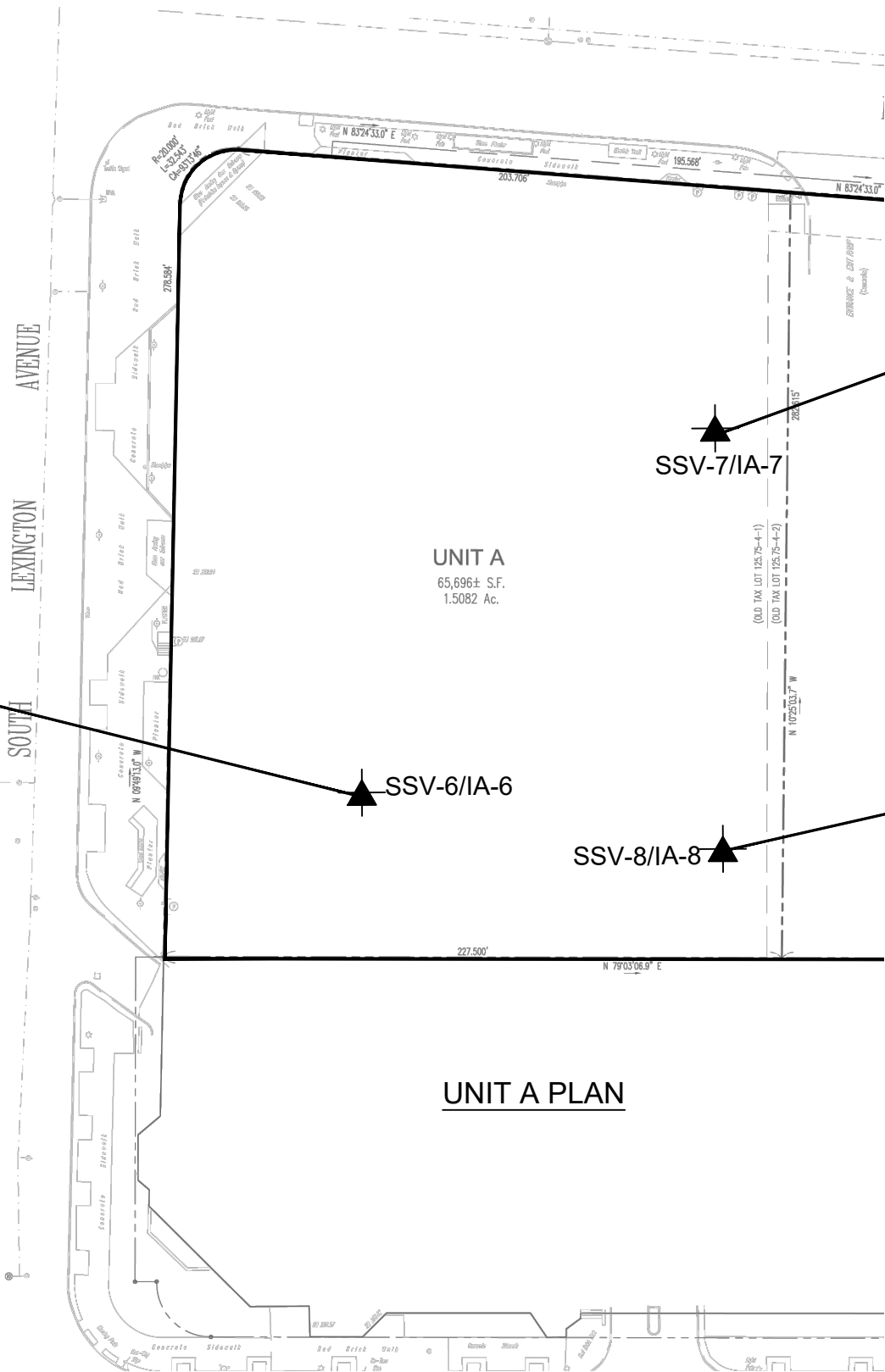
NOTE:

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

REFERENCE

1. BASE MAP IS TAKEN FROM "SUBDIVISION OF PROPERTY" PREPARED BY LINE & GRADE SURVEYORS, D.P.C., DATED FEBRUARY 3, 2025.

SAMPLE ID:	IA-6		SSV-6	
LAB ID:	L2316892-04		L2316892-10	
COLLECTION DATE:	3/30/2023		3/30/2023	
SAMPLE MATRIX:	INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	Conc	RL	Conc	RL
1,2,4-Trimethylbenzene	ND	0.983	3.81	0.983
1,3,5-Trimethylbenzene	ND	0.983	1.5	0.983
2-Butanone	ND	1.47	5.37	1.47
Acetone	6.32	2.38	50.4	2.38
Benzene	0.885	0.639	1.64	0.639
Carbon disulfide	ND	0.623	3.89	0.623
Carbon tetrachloride	0.491	0.126	ND	1.26
Chloroform	ND	0.977	16.3	0.977
Chloromethane	1.11	0.413	ND	0.413
Cyclohexane	ND	0.688	0.809	0.688
Dichlorodifluoromethane	2.77	0.989	32.6	0.989
Ethanol	ND	9.42	10.9	9.42
Ethylbenzene	ND	0.869	2.81	0.869
Heptane	ND	0.82	2.57	0.82
Isopropanol	ND	1.23	2.24	1.23
Methylene chloride	29.3	1.74	ND	1.74
n-Hexane	ND	0.705	1.87	0.705
o-Xylene	ND	0.869	1.66	0.869
p-m-Xylene	ND	1.74	3.96	1.74
Tertiary butyl Alcohol	ND	1.52	1.94	1.52
Tetrachloroethene	0.156	0.136	12.9	1.36
Toluene	2.35	0.754	2.65	0.754
Trichlorofluoromethane	1.42	1.12	11.2	1.12

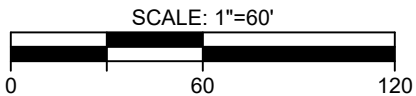


SAMPLE ID:	IA-7		SSV-7	
LAB ID:	L2316892-05		L2316892-11	
COLLECTION DATE:	3/30/2023		3/30/2023	
SAMPLE MA TRIX:	INDOOR AIR		SOIL VAPOR	
VOCs (ug/m3)	Conc	RL	Conc	RL
1,2,4-Trimethylbenzene	ND	0.983	1.01	0.983
2-Butanone	ND	1.47	2.46	1.47
Acetone	5.46	2.38	21.6	2.38
Benzene	0.91	0.639	0.923	0.639
Carbon disulfide	ND	0.623	1.8	0.623
Carbon tetrachloride	0.44	0.126	ND	1.26
Chloroform	ND	0.977	1.25	0.977
Chloromethane	1.06	0.413	ND	0.413
Dichlorodifluoromethane	2.78	0.989	5.29	0.989
Ethanol	ND	9.42	19.2	9.42
Ethylbenzene	ND	0.869	1.01	0.869
o-Xylene	ND	0.869	0.908	0.869
p-m-Xylene	ND	1.74	2.49	1.74
Tertiary butyl Alcohol	ND	1.52	2.11	1.52
Tetrachloroethene	ND	0.136	19.6	1.36
Toluene	1.11	0.754	3.77	0.754
Trichlorofluoromethane	1.48	1.12	6.63	1.12

SAMPLE ID:	IA-8		SSV-8	
LAB ID:	L2316892-06		L2316892-12	
COLLECTION DATE:	3/30/2023		3/30/2023	
SAMPLE MATRIX:	INDOOR AIR		SOIL_VAPOR	
VOCs (ug/m3)	Conc	RL	Conc	RL
1,2,4-Trimethylbenzene	ND	0.983	1.08	0.983
2-Butanone	ND	1.47	3.66	1.47
Acetone	8.72	2.38	76.7	2.38
Benzene	ND	0.639	5.78	0.639
Carbon disulfide	ND	0.623	5.08	0.623
Carbon tetrachloride	0.535	0.126	ND	1.26
Chloroform	ND	0.977	30.1	0.977
Chloromethane	1.11	0.413	ND	0.413
Dichlorodifluoromethane	2.81	0.989	17.9	0.989
Ethylbenzene	ND	0.869	1.82	0.869
Heptane	ND	0.82	1.22	0.82
n-Hexane	ND	0.705	0.828	0.705
o-Xylene	ND	0.869	2.05	0.869
p-m-Xylene	ND	1.74	4.95	1.74
Tertiary butyl Alcohol	ND	1.52	4.06	1.52
Tetrachloroethene	ND	0.136	22	1.36
Toluene	ND	0.754	11.4	0.754
Trichlorofluoromethane	1.53	1.12	1.83	1.12

LEGEND:

SSV-8/IA-8 - SOIL VAPOR NUMBER AND APPROX. LOCATION



project:

100 MAIN STREET
UNIT A
CITY OF WHITE PLAINS
WESTCHESTER COUNTY, NEW YORK
SOIL VAPOR LOCATION PLAN

title:

job no: 12859
drawing no:

FIG 3.3

SESI CONSULTING ENGINEERS

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

dwg by: AW
chk by: SG
scale: AS NOTED
date: 02/20/2025

Appendix A:

Boring Logs

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-3	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/10/23		GROUNDWATER TABLE DEPTH: 8'	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/10/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID					
			FROM (ft)	TO (ft)								
0												
	38	1	0	0.5		6" Concrete Slab	0					
			0.5				0					
							0					
							0					
5				5.5	SB-3(4.5-5)	Fill: Brown SILT, trace Sand, trace Gravel, trace Brick	0					
	60	2	5.5	6		Gray medium to fine SAND, some coarse to fine Gravel, trace Silt	0					
			6				0					
				8.5		Brown SILT, trace Sand	0					
			8.5				0					
10				10	SB-3(9-9.5)	Brown medium to fine SAND, little Silt (wet)	0					
	60	3	10				0					
				12.5		Grayish brown SILT, trace Sand (wet)	0					
			12.5	13.5	SB-3(13-13.5)	Gray SILT, some coarse to fine Gravel, trace Sand (wet)	0					
			13.5				0					
15				15		Grayish brown SILT, trace Gravel, trace Sand (wet)	0					
	58	4	15				0					
							0					
				19		Tan SILT, trace Sand (wet)	0					
20			19	20	SB-3(19-19.5)	Grayish brown SILT, some coarse to fine Gravel, trace Sand (wet)	0					
						End Boring at 20 Feet BGS						
25												
30												
35												
40												

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 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 #

Page 1 of 1

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-5	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/11/23		GROUNDWATER TABLE DEPTH: 8'	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/11/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM TO (ft) (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION					PID	
0						6" Concrete Slab					0	
5	40	1	0	0.5							0	
			0.5								0	
											0	
					SB-5(3.5-4)						0	
											0	
10	40	2		6		Fill: Brown SILT, trace Brick, trace Sand, trace Gravel					0	
			6								0	
				9.5	SB-5(8-8.5)	Fill: Grayish brown SILT, little medium to fine Sand, little coarse to fine Gravel, trace Brick (wet)					0	
			9.5	10		Fill: Tan medium to fine SAND, little medium to fine Gravel, trace Silt (wet)					0	
15	60	3	10	11		Fill: Gray coarse to fine Gravel, trace Sand, trace Silt (wet)					1.4	
			11		SB-5(11-11.5)						2.3	
				13		Fill: Dark gray medium to fine SAND, trace Silt (wet)					0.5	
			13								0.3	
				15		Fill: Grayish brown medium to fine SAND, trace Silt (wet)					0.1	
20	60	4	15	16		Fill: Dark gray SILT, little medium to fine Sand, trace Brick (wet)					0	
			16								0.1	
					SB-5(17-17.5)						0.3	
				20		Grayish brown medium to fine SAND, trace Silt					0.1	
25						End Boring at 20 Feet BGS					0	
30												
35												
40												

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 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 #

Page 1 of 1

Nominal I.D. of Hole	in.	The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.
Nominal I.D. of Barrel Sampler	1% in	

Pp: Pocket Penetrometer; DP: Direct Push

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

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-8	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/10/23		GROUNDWATER TABLE DEPTH: 8.5'	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/10/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM TO (ft) (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION					PID	
0						6" Concrete Slab					0	
5	53	1	0	0.5							0	
			0.5								0	
					SB-8(2-2.5)						0	
											0	
											0	
10	58	2		6	SB-8(5-5.5)	Fill: Brown SILT, trace Brick, trace Gravel, trace Sand					0	
			6	6.5		Gray SILT, little medium to fine Gravel, trace Sand					0	
			6.5	8.5		Light brown SILT, trace Sand					0	
			8.5								0	
				10		Tan medium to fine SAND, trace Silt (wet)					0	
15	60	3	10	10.5		Grayish brown coarse to fine SAND, some Silt (wet)					0	
			10.5		SB-8(10.5-11)						0	
											0	
											0	
				15		Grayish brown SILT, little fine Sand (wet)					0	
20	56	4	15		SB-8(15.5-16)						0	
											0	
											0	
											0	
				20		Grayish brown medium to fine SAND, little Silt (wet)					0	
25						----- End Boring at 20 Feet BGS						
30												
35												
40												

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 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 #

Page 1 of 1

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-10	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/11/23		GROUNDWATER TABLE DEPTH: 8'	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/11/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM TO (ft) (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION					PID	
0						6" Concrete Slab					0	
5	48	1	0	0.5							0	
			0.5								0	
											0	
					SB-10(3-3.5)						0	
											0	
10	56	2									0	
					SB-10(6-6.5)						0	
				8							Fill: Brown SILT, trace Brick, trace Sand, trace Gravel	0
			8	9							Brown SILT, little medium to fine Sand, (wet)	0
			9	10							Grayish brown medium to fine SAND, little Silt, trace Mica (wet)	0
15	60	3	10	10.5		Gray coarse to fine SAND, some coarse to fine Gravel, trace Silt (wet)	0					
			10.5		SB-10(10.5-11)	0						
						0						
						0						
						0						
20	60	4				0						
						0						
						0						
					SB-10(18-18.5)	0						
				20		Grayish brown medium to fine SAND, trace Silt (wet)	0					
25						End Boring at 20 Feet BGS						
30												
35												
40												

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 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 #

Page 1 of 1

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-12	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/11/23		GROUNDWATER TABLE DEPTH: 12'	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/11/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM TO (ft) (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION					PID	
0												
	36	1	0	0.5		6" Concrete Slab					0	
			0.5								0	
											0	
					SB-12(3.5-4)						0	
5				5		Fill: Brown SILT, little medium to fine Sand, trace Brick					0	
	60	2	5								0	
					SB-12(6.5-7)						0	
											0	
											0	
10											0	
	60	3									0	
				12		Tan SILT, trace Sand					0	
			12								0	
				14		Grayish brown SILT, little fine Sand (wet)					0	
15			14	15	SB-12(14.5-15)	Grayish brown medium to fine SAND, trace Silt, black staining (wet)					0	
	60	4	15								0	
											0	
											0	
					SB-12(18-18.5)						0	
20				20		Grayish brown medium to fine SAND, trace Silt (wet)					0	
						End Boring at 20 Feet BGS						
25												
30												
35												
40												

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 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 #

Page 1 of 1

Nominal I.D. of Hole	in.	The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.
Nominal I.D. of Barrel Sampler	1% in	

Pp: Pocket Penetrometer; DP: Direct Push

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

					PROJECT NAME:	100 Main Street	GEOPROBE NO.	SB-19
					LOCATION:	White Plains, NY	JOB NO.	12461
					METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco Drilling					DATE STARTED:	01/12/23	GROUNDWATER TABLE DEPTH: 11'	
INSPECTOR: Tracey Jodexnis					DATE COMPLETED:	01/12/23	0 Hr.	24 Hr.
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION		PID
			FROM (ft)	TO (ft)				
0								
	36	1	0	0.5		6" Concrete Slab		0
			0.5					0
					SB-19(2-2.5)			0
								0
5								0
	40	2		6		Fill: Brown SILT, little coarse to fine Gravel, trace Brick, trace Sand		0
			6					0.4
								1
				9.5	SB-19(8.5-9)	Fill: Gray SILT, trace Brick, little coarse to fine Gravel, trace Sand, fuel-like odor		1.5
10			9.5	10				0.2
	39	3	10	11.5		Fill: Gray SILT, trace Brick, little coarse to fine Gravel, trace Sand, fuel-like odor (wet)		0
			11.5	12		Tan coarse to fine SAND, trace Silt (wet)		0
			12	13		Brown medium to fine SAND, some Silt (wet)		0
			13					0
15					SB-19(14-14.5)			2
	60	4		16	SB-19(15.5-16)	Gray medium to fine SAND, little Silt, fuel-like odor (wet)		1.6
			16	16.5		Brown coarse to fine SAND, trace Silt (wet)		0.1
			16.5					0
								0
20				20		Brown medium to fine SAND, trace SAND, trace Gravel, trace Silt (wet)		0
						----- End Boring at 20 Feet BGS -----		
25								
30								
35								
40								

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 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 #

Page 1 of 1

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-31	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/25/23		GROUNDWATER TABLE DEPTH: N/E	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/25/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM TO (ft) (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION					PID	
0						6" Concrete Slab					NO PID	
5	36	1	0	0.5		Fill: Brown SILT, some coarse to fine Gravel, little Brick, trace Sand End Boring at 15 Feet BGS						
			0.5		SB-31 (2-2.5)							
10	40	2										
15	57	3										
					SB-31 (13-13.5)							
				15								
20												
25												
30												
35												
40												

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 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 #

Page 1 of 1

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-25	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/27/23		GROUNDWATER TABLE DEPTH: 11'	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/27/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM TO (ft) (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION					PID	
0			0	0.5		6" Concrete Slab					0	
5	20	1	0.5		SB-25 (.5-1)	Fill: Brown SILT, trace Glass, trace Gravel, trace Brick, trace Sand					0	
											0	
											0	
											0	
10				5		Brown medium to fine SAND, little Silt, trace Gravel, trace Brick					0	
	40	2	5		SB-25 (6-6.5)						0	
											0	
											0	
15						Dark brown medium to fine SAND, little Silt, trace Gravel (wet)					0	
	57	3		11							0	
			11								0	
				15							0	
20						End Boring at 15 Feet BGS					0	
25												
30												
35												
40												

Nominal I.D. of Hole	in.	The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Pp: Pocket Penetrometer; DP: Direct Push
Nominal I.D. of Barrel Sampler	1% in	

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

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

FIGURE #

Page 1 of 1

Nominal I.D. of Hole	in.	The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.
Nominal I.D. of Barrel Sampler	1% in	

Pp: Pocket Penetrometer; DP: Direct Push

FIGURE #

					PROJECT NAME:		100 Main Street		GEOPROBE NO.		SB-23	
					LOCATION:		White Plains, NY		JOB NO.		12461	
					METHOD:		Direct Push		GROUND ELEVATION:		NA	
GEOPROBE BY:					Aarco Drilling		DATE STARTED:		01/27/23		GROUNDWATER TABLE DEPTH: 8'	
INSPECTOR:					Tracey Jodexnis		DATE COMPLETED:		01/27/23		0 Hr. 24 Hr. Date	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft) TO (ft)		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION					PID	
0												
	48	1	0	0.5		6" Concrete Slab					0	
			0.5		SB-23 (1.5-2)						0	
											0	
				4		Fill: Brown SILT, trace Gravel, trace Glass, trace Sand					0	
5			4								0	
	56	2									0	
											0	
				8		Brown medium to fine SAND, some Silt					0	
			8		SB-23 (8-8.5)						0	
10											0	
	28	3									0	
											0	
											0	
											0	
15				15		Gray medium to fine SAND, some coarse to fine Gravel, trace Silt (wet)					0	
						----- End Boring at 15 Feet BGS -----						
20												
25												
30												
35												
40												

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 in.

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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

Page 1 of 1

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data				Remarks	
					Type	Rec. (in)	Environmental Soil Sample Name	Blows/6-in Core time/ft		PID (ppm)
		Concrete/Fill		S-1					DTW	
		Dark brown/gray coarse to fine SAND, some Gravel, little Silt, trace Clay, shiny metals								0.0
		Gray dark coarse to fine SAND, some Silt, little Gravel, trace Clay								0.0
		Some Brick								0.0
	-5	White/gray crushed Gravel	5	S-2						0.0
		Light brown/yellow SAND, some Gravel, little Silt, trace Clay								0.0
		Dark brown SAND and SILT, some Gravel/Clay								0.0
	-10	BOREHOLE COMPLETED AT 10± FEET	10							0.0
	-15		15							
	-20		20							
	-25		25							
	-30		30							

PROJECT NAME	Galleria		PROJECT LOCATION	White Plains, New York	
PROJECT NO.	12859		ELEVATION DATUM	GROUND ELEVATION	
DATE STARTED	06-06-2023	COMPLETED	06-06-2023		
DRILLING CONTRACTOR			DRILLING METHOD		
SAMPLER			SAMPLE HAMMER		
EQUIPMENT			AUGER INNER DIAMETER	OUTER DIAMETER	
DRILLING FOREMAN			ROTARY BIT DIAMETER	GROUNDWATER LEVELS:	
LOGGED BY			CASING DIAMETER	▽ AT TIME OF DRILLING	
LATITUDE			CASING DEPTH	▼ AT END OF DRILLING	
LONGITUDE			FINAL DEPTH	10.0± ft ▼ AFTER DRILLING	

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data				Remarks	
					Type	Rec. (in)	Environmental Soil Sample Name	Blows/6-in Core time/ft		PID (ppm)
		Concrete							0.0	
		Light/dark brown/yellow coarse to fine SAND, some Gravel, little Silt, trace Cla		S-1	36	SB-29 (1-1.5)		0.0		
								0.0		
								0.0		
								0.0		
-5			5					0.0		
		Light/dark brown coarse to fine SAND, some Silt/Gravel, trace Clay		S-2	60			0.0		
								0.0		
		Dark brown coarse to fine SAND, and Gravel, some Silt, trace Cla						0.0		
								0.0		
-10		BOREHOLE COMPLETED AT 10± FEET	10							
-15			15							
-20			20							
-25			25							
-30			30							

Appendix B:

Laboratory Reports

Sample Summary

SESI Consulting Engineers

Job No: JD58458

100 Main Steet, White Plains, NY

Project No: 12461 PH 1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:

Organics ND = Not detected above the MDL

JD58458-1	01/10/23	14:15 TAJ	01/10/23	SO	Soil	SB9 (3-3.5)
JD58458-1A	01/10/23	14:15 TAJ	01/10/23	SO	Soil	SB9 (3-3.5)
* JD58458-1B	01/10/23	14:15 TAJ	01/10/23	SO	Soil	SB9 (3-3.5)
JD58458-2	01/10/23	14:20 TAJ	01/10/23	SO	Soil	SB9 (6.5-7)
JD58458-2A	01/10/23	14:20 TAJ	01/10/23	SO	Soil	SB9 (6.5-7)
* JD58458-2B	01/10/23	14:20 TAJ	01/10/23	SO	Soil	SB9 (6.5-7)
JD58458-3	01/10/23	14:25 TAJ	01/10/23	SO	Soil	SB9 (11-11.5)
JD58458-3A	01/10/23	14:25 TAJ	01/10/23	SO	Soil	SB9 (11-11.5)
* JD58458-3B	01/10/23	14:25 TAJ	01/10/23	SO	Soil	SB9 (11-11.5)
JD58458-4	01/10/23	14:30 TAJ	01/10/23	SO	Soil	SB9 (18-18.5)
JD58458-4A	01/10/23	14:30 TAJ	01/10/23	SO	Soil	SB9 (18-18.5)
* JD58458-4B	01/10/23	14:30 TAJ	01/10/23	SO	Soil	SB9 (18-18.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58458

100 Main Steet, White Plains, NY
 Project No: 12461 PH 1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JD58458-5	01/10/23	13:50 TAJ	01/10/23	SO	Soil	SB8 (2-2.5)
JD58458-5A	01/10/23	13:50 TAJ	01/10/23	SO	Soil	SB8 (2-2.5)
* JD58458-5B	01/10/23	13:50 TAJ	01/10/23	SO	Soil	SB8 (2-2.5)
JD58458-6	01/10/23	13:55 TAJ	01/10/23	SO	Soil	SB8 (5-5.5)
JD58458-6A	01/10/23	13:55 TAJ	01/10/23	SO	Soil	SB8 (5-5.5)
* JD58458-6B	01/10/23	13:55 TAJ	01/10/23	SO	Soil	SB8 (5-5.5)
JD58458-7	01/10/23	14:00 TAJ	01/10/23	SO	Soil	SB8 (10.5-11)
JD58458-7A	01/10/23	14:00 TAJ	01/10/23	SO	Soil	SB8 (10.5-11)
* JD58458-7B	01/10/23	14:00 TAJ	01/10/23	SO	Soil	SB8 (10.5-11)
JD58458-8	01/10/23	14:05 TAJ	01/10/23	SO	Soil	SB8 (15.5-16)
JD58458-8A	01/10/23	14:05 TAJ	01/10/23	SO	Soil	SB8 (15.5-16)
* JD58458-8B	01/10/23	14:05 TAJ	01/10/23	SO	Soil	SB8 (15.5-16)
JD58458-9	01/10/23	13:30 TAJ	01/10/23	SO	Soil	SB7 (1-1.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58458

100 Main Steet, White Plains, NY
 Project No: 12461 PH 1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JD58458-9A	01/10/23	13:30 TAJ	01/10/23	SO	Soil	SB7 (1-1.5)
* JD58458-9B	01/10/23	13:30 TAJ	01/10/23	SO	Soil	SB7 (1-1.5)
JD58458-10	01/10/23	13:35 TAJ	01/10/23	SO	Soil	SB7 (9-9.5)
JD58458-10A	01/10/23	13:35 TAJ	01/10/23	SO	Soil	SB7 (9-9.5)
* JD58458-10B	01/10/23	13:35 TAJ	01/10/23	SO	Soil	SB7 (9-9.5)
JD58458-11	01/10/23	13:40 TAJ	01/10/23	SO	Soil	SB7 (13.5-14)
JD58458-11A	01/10/23	13:40 TAJ	01/10/23	SO	Soil	SB7 (13.5-14)
* JD58458-11B	01/10/23	13:40 TAJ	01/10/23	SO	Soil	SB7 (13.5-14)
JD58458-12	01/10/23	13:45 TAJ	01/10/23	SO	Soil	SB7 (17-17.5)
JD58458-12A	01/10/23	13:45 TAJ	01/10/23	SO	Soil	SB7 (17-17.5)
* JD58458-12B	01/10/23	13:45 TAJ	01/10/23	SO	Soil	SB7 (17-17.5)
JD58458-13	01/10/23	12:40 TAJ	01/10/23	SO	Soil	SB3 (4.5-5)
JD58458-13A	01/10/23	12:40 TAJ	01/10/23	SO	Soil	SB3 (4.5-5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58458

100 Main Steet, White Plains, NY
Project No: 12461 PH 1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
* JD58458-13B	01/10/23	12:40 TAJ	01/10/23	SO	Soil	SB3 (4.5-5)
JD58458-14	01/10/23	12:49 TAJ	01/10/23	SO	Soil	SB3 (9-9.5)
JD58458-14A	01/10/23	12:49 TAJ	01/10/23	SO	Soil	SB3 (9-9.5)
* JD58458-14B	01/10/23	12:49 TAJ	01/10/23	SO	Soil	SB3 (9-9.5)
JD58458-15	01/10/23	12:55 TAJ	01/10/23	SO	Soil	SB3 (13-13.5)
JD58458-15A	01/10/23	12:55 TAJ	01/10/23	SO	Soil	SB3 (13-13.5)
* JD58458-15B	01/10/23	12:55 TAJ	01/10/23	SO	Soil	SB3 (13-13.5)
JD58458-16	01/10/23	13:03 TAJ	01/10/23	SO	Soil	SB3 (19-19.5)
JD58458-16A	01/10/23	13:03 TAJ	01/10/23	SO	Soil	SB3 (19-19.5)
* JD58458-16B	01/10/23	13:03 TAJ	01/10/23	SO	Soil	SB3 (19-19.5)
JD58458-17	01/10/23	10:10 TAJ	01/10/23	SO	Soil	SB1 (.5-1)
JD58458-17A	01/10/23	10:10 TAJ	01/10/23	SO	Soil	SB1 (.5-1)
* JD58458-17B	01/10/23	10:10 TAJ	01/10/23	SO	Soil	SB1 (.5-1)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58458

100 Main Steet, White Plains, NY
Project No: 12461 PH 1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JD58458-18	01/10/23	10:15 TAJ	01/10/23	SO	Soil	SB1 (9.5-10)
JD58458-18A	01/10/23	10:15 TAJ	01/10/23	SO	Soil	SB1 (9.5-10)
* JD58458-18B	01/10/23	10:15 TAJ	01/10/23	SO	Soil	SB1 (9.5-10)
JD58458-19	01/10/23	10:20 TAJ	01/10/23	SO	Soil	SB1 (14.5-15)
JD58458-19A	01/10/23	10:20 TAJ	01/10/23	SO	Soil	SB1 (14.5-15)
* JD58458-19B	01/10/23	10:20 TAJ	01/10/23	SO	Soil	SB1 (14.5-15)
JD58458-20	01/10/23	10:25 TAJ	01/10/23	SO	Soil	SB1 (16-16.5)
JD58458-20A	01/10/23	10:25 TAJ	01/10/23	SO	Soil	SB1 (16-16.5)
* JD58458-20B	01/10/23	10:25 TAJ	01/10/23	SO	Soil	SB1 (16-16.5)
JD58458-21	01/10/23	09:40 TAJ	01/10/23	SO	Soil	SB2 (4-4.5)
JD58458-21A	01/10/23	09:40 TAJ	01/10/23	SO	Soil	SB2 (4-4.5)
* JD58458-21B	01/10/23	09:40 TAJ	01/10/23	SO	Soil	SB2 (4-4.5)
JD58458-22	01/10/23	09:45 TAJ	01/10/23	SO	Soil	SB2 (8-8.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58458

100 Main Steet, White Plains, NY
 Project No: 12461 PH 1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JD58458-22A	01/10/23	09:45 TAJ	01/10/23	SO	Soil	SB2 (8-8.5)
* JD58458-22B	01/10/23	09:45 TAJ	01/10/23	SO	Soil	SB2 (8-8.5)
JD58458-23	01/10/23	09:50 TAJ	01/10/23	SO	Soil	SB2 (12-12.5)
JD58458-23A	01/10/23	09:50 TAJ	01/10/23	SO	Soil	SB2 (12-12.5)
* JD58458-23B	01/10/23	09:50 TAJ	01/10/23	SO	Soil	SB2 (12-12.5)
JD58458-24	01/10/23	09:55 TAJ	01/10/23	SO	Soil	SB2 (17-17.5)
JD58458-24A	01/10/23	09:55 TAJ	01/10/23	SO	Soil	SB2 (17-17.5)
* JD58458-24B	01/10/23	09:55 TAJ	01/10/23	SO	Soil	SB2 (17-17.5)
JD58458-25	01/10/23	11:35 TAJ	01/10/23	SO	Soil	SB4 (2-2.5)
JD58458-25A	01/10/23	11:35 TAJ	01/10/23	SO	Soil	SB4 (2-2.5)
* JD58458-25B	01/10/23	11:35 TAJ	01/10/23	SO	Soil	SB4 (2-2.5)
JD58458-26	01/10/23	11:40 TAJ	01/10/23	SO	Soil	SB4 (7-7.5)
JD58458-26A	01/10/23	11:40 TAJ	01/10/23	SO	Soil	SB4 (7-7.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58458

100 Main Steet, White Plains, NY
Project No: 12461 PH 1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
* JD58458-26B	01/10/23	11:40 TAJ	01/10/23	SO	Soil	SB4 (7-7.5)
JD58458-27	01/10/23	11:45 TAJ	01/10/23	SO	Soil	SB4 (13-13.5)
JD58458-27A	01/10/23	11:45 TAJ	01/10/23	SO	Soil	SB4 (13-13.5)
* JD58458-27B	01/10/23	11:45 TAJ	01/10/23	SO	Soil	SB4 (13-13.5)
JD58458-28	01/10/23	11:50 TAJ	01/10/23	SO	Soil	SB4 (18-18.5)
JD58458-28A	01/10/23	11:50 TAJ	01/10/23	SO	Soil	SB4 (18-18.5)
* JD58458-28B	01/10/23	11:50 TAJ	01/10/23	SO	Soil	SB4 (18-18.5)

* The following report applies to these samples only (9 day TAT).

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Page 1 of 3

Client Sample ID:	SB9 (3-3.5)	
Lab Sample ID:	JD58458-1B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 95.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39897.D	1	01/28/23 06:46	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.98 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB9 (3-3.5)		
Lab Sample ID:	JD58458-1B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	95.4
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	94%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	84%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	84%		20-150%
	13C6-PFDA	92%		20-150%
	13C7-PFUnDA	98%		20-150%
	13C2-PFDoDA	79%		20-150%
	13C2-PFTeDA	76%		20-150%
	13C3-PFBS	90%		20-150%
	13C3-PFHxS	88%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (3-3.5)		
Lab Sample ID:	JD58458-1B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	95.4
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	82%		20-150%
	13C8-FOSA	76%		20-150%
	d3-MeFOSA	60%		20-150%
	d5-EtFOSA	55%		20-150%
	d3-MeFOSAA	74%		20-150%
	d5-EtFOSAA	71%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	75%		20-150%
	13C2-4:2FTS	128%		20-150%
	13C2-6:2FTS	117%		20-150%
	13C2-8:2FTS	103%		20-150%
	13C3-HFPO-DA	85%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (6.5-7)	
Lab Sample ID:	JD58458-2B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 84.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39905.D	1	01/28/23 08:39	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.95	0.59	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.95	0.71	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (6.5-7)		
Lab Sample ID:	JD58458-2B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	84.1
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.95	0.34	ug/kg	
919005-14-4	ADONA	ND	0.95	0.40	ug/kg	
377-73-1	PFMPA	ND	0.48	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.95	0.52	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.95	0.48	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.61	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.9	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.9	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	91%		20-150%
	13C5-PFHxA	92%		20-150%
	13C4-PFHpA	86%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	83%		20-150%
	13C6-PFDA	86%		20-150%
	13C7-PFUnDA	84%		20-150%
	13C2-PFDoDA	71%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	87%		20-150%
	13C3-PFHxS	94%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB9 (6.5-7)	
Lab Sample ID: JD58458-2B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 84.1
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	84%		20-150%
	13C8-FOSA	77%		20-150%
	d3-MeFOSA	72%		20-150%
	d5-EtFOSA	65%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	81%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	72%		20-150%
	13C2-4:2FTS	131%		20-150%
	13C2-6:2FTS	115%		20-150%
	13C2-8:2FTS	93%		20-150%
	13C3-HFPO-DA	90%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
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 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB9 (11-11.5)	
Lab Sample ID:	JD58458-3B	Date Sampled: 01/10/23
Matrix:	SO - Soil	Date Received: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 80.3
Project:	100 Main Street, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39907.D	1	01/28/23 09:07	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	1.0	0.62	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.50	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.17	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.20	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.20	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.25	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.23	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.18	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.19	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.0	0.50	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.0	0.50	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.0	0.75	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.25	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.13	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (11-11.5)		
Lab Sample ID:	JD58458-3B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	80.3
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.25	0.20	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.25	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.5	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.5	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	1.0	0.36	ug/kg	
919005-14-4	ADONA	ND	1.0	0.42	ug/kg	
377-73-1	PFMPA	ND	0.50	0.25	ug/kg	
863090-89-5	PFMBA	ND	0.50	0.25	ug/kg	
151772-58-6	NFDHA	ND	0.50	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.0	0.55	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.0	0.50	ug/kg	
113507-82-7	PFEESA	ND	0.50	0.25	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.63	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.2	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.2	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	92%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	87%		20-150%
	13C8-PFOA	84%		20-150%
	13C9-PFNA	77%		20-150%
	13C6-PFDA	91%		20-150%
	13C7-PFUnDA	84%		20-150%
	13C2-PFDoDA	68%		20-150%
	13C2-PFTeDA	58%		20-150%
	13C3-PFBS	90%		20-150%
	13C3-PFHxS	88%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (11-11.5)		
Lab Sample ID:	JD58458-3B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	80.3
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	81%		20-150%
	13C8-FOSA	82%		20-150%
	d3-MeFOSA	63%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	81%		20-150%
	d5-EtFOSAA	75%		20-150%
	d7-MeFOSE	59%		20-150%
	d9-EtFOSE	61%		20-150%
	13C2-4:2FTS	136%		20-150%
	13C2-6:2FTS	114%		20-150%
	13C2-8:2FTS	97%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (18-18.5)	
Lab Sample ID:	JD58458-4B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 81.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39909.D	1	01/28/23 09:35	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.98	0.61	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.49	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.98	0.49	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.98	0.49	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.98	0.73	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (18-18.5)		
Lab Sample ID:	JD58458-4B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	81.4
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.98	0.35	ug/kg	
919005-14-4	ADONA	ND	0.98	0.41	ug/kg	
377-73-1	PFMPA	ND	0.49	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.49	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.49	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.98	0.54	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.98	0.49	ug/kg	
113507-82-7	PFEESA	ND	0.49	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.62	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.1	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.1	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	93%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	86%		20-150%
	13C9-PFNA	80%		20-150%
	13C6-PFDA	95%		20-150%
	13C7-PFUnDA	93%		20-150%
	13C2-PFDoDA	74%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	89%		20-150%
	13C3-PFHxS	92%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB9 (18-18.5)	
Lab Sample ID:	JD58458-4B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 81.4

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	82%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	82%		20-150%
	d5-EtFOSA	72%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	83%		20-150%
	d7-MeFOSE	74%		20-150%
	d9-EtFOSE	76%		20-150%
	13C2-4:2FTS	130%		20-150%
	13C2-6:2FTS	109%		20-150%
	13C2-8:2FTS	105%		20-150%
	13C3-HFPO-DA	94%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB8 (2-2.5)	
Lab Sample ID:	JD58458-5B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 91.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39911.D	1	01/28/23 10:03	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.98 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.88	0.55	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.88	0.66	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB8 (2-2.5)		
Lab Sample ID:	JD58458-5B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	91.7
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.88	0.32	ug/kg	
919005-14-4	ADONA	ND	0.88	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.88	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.88	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.56	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	93%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	90%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	79%		20-150%
	13C6-PFDA	93%		20-150%
	13C7-PFUnDA	87%		20-150%
	13C2-PFDoDA	69%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	79%		20-150%
	13C3-PFHxS	87%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB8 (2-2.5)	
Lab Sample ID: JD58458-5B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 91.7
Project: 100 Main Steet, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	88%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	73%		20-150%
	d5-EtFOSA	64%		20-150%
	d3-MeFOSAA	81%		20-150%
	d5-EtFOSAA	83%		20-150%
	d7-MeFOSE	75%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	120%		20-150%
	13C2-6:2FTS	105%		20-150%
	13C2-8:2FTS	89%		20-150%
	13C3-HFPO-DA	90%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB8 (5-5.5)	
Lab Sample ID:	JD58458-6B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 82.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39913.D	1	01/28/23 10:31	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.98	0.61	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.49	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.98	0.49	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.98	0.49	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.98	0.73	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB8 (5-5.5)		
Lab Sample ID:	JD58458-6B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	82.0
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.98	0.35	ug/kg	
919005-14-4	ADONA	ND	0.98	0.41	ug/kg	
377-73-1	PFMPA	ND	0.49	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.49	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.49	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.98	0.54	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.98	0.49	ug/kg	
113507-82-7	PFEESA	ND	0.49	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.62	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.1	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.1	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	86%		20-150%
	13C5-PFPeA	91%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	85%		20-150%
	13C8-PFOA	84%		20-150%
	13C9-PFNA	75%		20-150%
	13C6-PFDA	87%		20-150%
	13C7-PFUnDA	85%		20-150%
	13C2-PFDoDA	68%		20-150%
	13C2-PFTeDA	55%		20-150%
	13C3-PFBS	79%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB8 (5-5.5)	
Lab Sample ID: JD58458-6B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 82.0
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	76%		20-150%
	d3-MeFOSA	67%		20-150%
	d5-EtFOSA	60%		20-150%
	d3-MeFOSAA	72%		20-150%
	d5-EtFOSAA	67%		20-150%
	d7-MeFOSE	64%		20-150%
	d9-EtFOSE	65%		20-150%
	13C2-4:2FTS	117%		20-150%
	13C2-6:2FTS	94%		20-150%
	13C2-8:2FTS	85%		20-150%
	13C3-HFPO-DA	90%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB8 (10.5-11)	
Lab Sample ID:	JD58458-7B	Date Sampled: 01/10/23
Matrix:	SO - Soil	Date Received: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 83.3
Project:	100 Main Street, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39917.D	1	01/28/23 11:27	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.95	0.60	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.95	0.71	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB8 (10.5-11)		
Lab Sample ID:	JD58458-7B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	83.3
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.95	0.34	ug/kg	
919005-14-4	ADONA	ND	0.95	0.40	ug/kg	
377-73-1	PFMPA	ND	0.48	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.95	0.52	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.95	0.48	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.61	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.0	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.0	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	92%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	86%		20-150%
	13C8-PFOA	83%		20-150%
	13C9-PFNA	85%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	86%		20-150%
	13C2-PFDoDA	68%		20-150%
	13C2-PFTeDA	56%		20-150%
	13C3-PFBS	81%		20-150%
	13C3-PFHxS	74%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB8 (10.5-11)**Lab Sample ID:** JD58458-7B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 83.3

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	78%		20-150%
	13C8-FOSA	77%		20-150%
	d3-MeFOSA	67%		20-150%
	d5-EtFOSA	62%		20-150%
	d3-MeFOSAA	81%		20-150%
	d5-EtFOSAA	74%		20-150%
	d7-MeFOSE	69%		20-150%
	d9-EtFOSE	66%		20-150%
	13C2-4:2FTS	110%		20-150%
	13C2-6:2FTS	100%		20-150%
	13C2-8:2FTS	94%		20-150%
	13C3-HFPO-DA	88%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB8 (15.5-16)	
Lab Sample ID:	JD58458-8B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 78.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39919.D	1	01/28/23 11:56	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	1.0	0.64	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.51	0.13	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.26	0.13	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.26	0.13	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.26	0.13	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.26	0.15	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.26	0.13	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.26	0.17	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.26	0.13	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.26	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.26	0.13	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.26	0.13	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.26	0.20	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.26	0.20	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.26	0.19	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.26	0.13	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.26	0.23	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.26	0.18	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.26	0.19	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.0	0.51	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.0	0.51	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.0	0.77	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.26	0.13	ug/kg	
31506-32-8	MeFOSA	ND	0.26	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.26	0.13	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB8 (15.5-16)		
Lab Sample ID:	JD58458-8B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	78.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.26	0.20	ug/kg	
2991-50-6	EtFOSAA	ND	0.26	0.25	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.6	1.3	ug/kg	
1691-99-2	EtFOSE	ND	2.6	1.3	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	1.0	0.37	ug/kg	
919005-14-4	ADONA	ND	1.0	0.43	ug/kg	
377-73-1	PFMPA	ND	0.51	0.26	ug/kg	
863090-89-5	PFMBA	ND	0.51	0.26	ug/kg	
151772-58-6	NFDHA	ND	0.51	0.31	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.0	0.56	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.0	0.51	ug/kg	
113507-82-7	PFEESA	ND	0.51	0.26	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.3	0.65	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.4	1.5	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.4	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	90%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	83%		20-150%
	13C8-PFOA	83%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	96%		20-150%
	13C7-PFUnDA	88%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	79%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB8 (15.5-16)**Lab Sample ID:** JD58458-8B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 78.0

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	81%		20-150%
	13C8-FOSA	82%		20-150%
	d3-MeFOSA	56%		20-150%
	d5-EtFOSA	51%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	76%		20-150%
	d7-MeFOSE	68%		20-150%
	d9-EtFOSE	72%		20-150%
	13C2-4:2FTS	120%		20-150%
	13C2-6:2FTS	106%		20-150%
	13C2-8:2FTS	98%		20-150%
	13C3-HFPO-DA	86%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (1-1.5)	
Lab Sample ID:	JD58458-9B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 95.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39921.D	1	01/28/23 12:24	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	0.14	0.21	0.11	ug/kg	J
375-85-9	Perfluoroheptanoic acid	0.43	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	10.9	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	51.9	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	0.30	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	5.6	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

Page 2 of 3

Client Sample ID:	SB7 (1-1.5)		
Lab Sample ID:	JD58458-9B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	95.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	97%		20-150%
	13C5-PFHxA	95%		20-150%
	13C4-PFHpA	93%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	85%		20-150%
	13C6-PFDA	99%		20-150%
	13C7-PFUnDA	98%		20-150%
	13C2-PFDoDA	81%		20-150%
	13C2-PFTeDA	66%		20-150%
	13C3-PFBS	93%		20-150%
	13C3-PFHxS	83%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB7 (1-1.5)	
Lab Sample ID: JD58458-9B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 95.8
Project: 100 Main Steet, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	86%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	61%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	86%		20-150%
	d7-MeFOSE	79%		20-150%
	d9-EtFOSE	76%		20-150%
	13C2-4:2FTS	124%		20-150%
	13C2-6:2FTS	114%		20-150%
	13C2-8:2FTS	96%		20-150%
	13C3-HFPO-DA	96%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (9-9.5)	
Lab Sample ID:	JD58458-10B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 90.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39923.D	1	01/28/23 12:52	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.88	0.55	ug/kg	
2706-90-3	Perfluoropentanoic acid	0.15	0.44	0.11	ug/kg	J
307-24-4	Perfluorohexanoic acid	0.31	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	0.55	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	0.16	0.22	0.11	ug/kg	J
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	45.4	0.22	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.88	0.66	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (9-9.5)		
Lab Sample ID:	JD58458-10B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	90.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.88	0.32	ug/kg	
919005-14-4	ADONA	ND	0.88	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.88	0.49	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.88	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.56	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	86%		20-150%
	13C5-PFPeA	91%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	87%		20-150%
	13C8-PFOA	88%		20-150%
	13C9-PFNA	78%		20-150%
	13C6-PFDA	95%		20-150%
	13C7-PFUnDA	90%		20-150%
	13C2-PFDoDA	71%		20-150%
	13C2-PFTeDA	59%		20-150%
	13C3-PFBS	84%		20-150%
	13C3-PFHxS	78%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB7 (9-9.5)	
Lab Sample ID: JD58458-10B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 90.5
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	77%		20-150%
	13C8-FOSA	78%		20-150%
	d3-MeFOSA	66%		20-150%
	d5-EtFOSA	59%		20-150%
	d3-MeFOSAA	76%		20-150%
	d5-EtFOSAA	72%		20-150%
	d7-MeFOSE	69%		20-150%
	d9-EtFOSE	70%		20-150%
	13C2-4:2FTS	123%		20-150%
	13C2-6:2FTS	106%		20-150%
	13C2-8:2FTS	91%		20-150%
	13C3-HFPO-DA	88%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (13.5-14)	
Lab Sample ID:	JD58458-11B	Date Sampled: 01/10/23
Matrix:	SO - Soil	Date Received: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 88.5
Project:	100 Main Street, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39925.D	1	01/28/23 13:20	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.91	0.57	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.91	0.46	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.91	0.46	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.91	0.68	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (13.5-14)		
Lab Sample ID:	JD58458-11B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	88.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.91	0.33	ug/kg	
919005-14-4	ADONA	ND	0.91	0.38	ug/kg	
377-73-1	PFMPA	ND	0.46	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.28	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.91	0.50	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.91	0.46	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.58	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.7	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.7	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	90%		20-150%
	13C5-PFHxA	92%		20-150%
	13C4-PFHpA	86%		20-150%
	13C8-PFOA	91%		20-150%
	13C9-PFNA	86%		20-150%
	13C6-PFDA	90%		20-150%
	13C7-PFUnDA	95%		20-150%
	13C2-PFDoDA	82%		20-150%
	13C2-PFTeDA	72%		20-150%
	13C3-PFBS	84%		20-150%
	13C3-PFHxS	90%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (13.5-14)		
Lab Sample ID:	JD58458-11B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	88.5
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	85%		20-150%
	13C8-FOSA	88%		20-150%
	d3-MeFOSA	79%		20-150%
	d5-EtFOSA	71%		20-150%
	d3-MeFOSAA	92%		20-150%
	d5-EtFOSAA	92%		20-150%
	d7-MeFOSE	85%		20-150%
	d9-EtFOSE	87%		20-150%
	13C2-4:2FTS	123%		20-150%
	13C2-6:2FTS	113%		20-150%
	13C2-8:2FTS	103%		20-150%
	13C3-HFPO-DA	89%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (17-17.5)	
Lab Sample ID:	JD58458-12B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 81.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39930.D	1	01/28/23 14:30	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.05 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.97	0.61	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.49	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.97	0.49	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.97	0.49	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.97	0.73	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB7 (17-17.5)		
Lab Sample ID:	JD58458-12B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	81.3
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.97	0.35	ug/kg	
919005-14-4	ADONA	ND	0.97	0.41	ug/kg	
377-73-1	PFMPA	ND	0.49	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.49	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.49	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.97	0.53	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.97	0.49	ug/kg	
113507-82-7	PFEESA	ND	0.49	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.62	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.1	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.1	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	84%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	85%		20-150%
	13C2-PFDoDA	70%		20-150%
	13C2-PFTeDA	53%		20-150%
	13C3-PFBS	80%		20-150%
	13C3-PFHxS	76%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB7 (17-17.5)**Lab Sample ID:** JD58458-12B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 81.3

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	81%		20-150%
	d3-MeFOSA	72%		20-150%
	d5-EtFOSA	65%		20-150%
	d3-MeFOSAA	86%		20-150%
	d5-EtFOSAA	83%		20-150%
	d7-MeFOSE	75%		20-150%
	d9-EtFOSE	78%		20-150%
	13C2-4:2FTS	120%		20-150%
	13C2-6:2FTS	109%		20-150%
	13C2-8:2FTS	95%		20-150%
	13C3-HFPO-DA	88%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB3 (4.5-5)	
Lab Sample ID:	JD58458-13B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 96.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39932.D	1	01/28/23 14:58	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB3 (4.5-5)		
Lab Sample ID:	JD58458-13B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	96.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.25	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	86%		20-150%
	13C5-PFPeA	92%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	90%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	92%		20-150%
	13C7-PFUnDA	97%		20-150%
	13C2-PFDoDA	81%		20-150%
	13C2-PFTeDA	66%		20-150%
	13C3-PFBS	90%		20-150%
	13C3-PFHxS	93%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (4.5-5)		
Lab Sample ID:	JD58458-13B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	96.2
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	86%		20-150%
	13C8-FOSA	86%		20-150%
	d3-MeFOSA	64%		20-150%
	d5-EtFOSA	61%		20-150%
	d3-MeFOSAA	82%		20-150%
	d5-EtFOSAA	81%		20-150%
	d7-MeFOSE	77%		20-150%
	d9-EtFOSE	80%		20-150%
	13C2-4:2FTS	136%		20-150%
	13C2-6:2FTS	121%		20-150%
	13C2-8:2FTS	111%		20-150%
	13C3-HFPO-DA	88%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB3 (9-9.5)	
Lab Sample ID:	JD58458-14B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 91.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39934.D	1	01/28/23 15:26	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.88	0.55	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.88	0.66	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB3 (9-9.5)		
Lab Sample ID:	JD58458-14B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	91.6
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.88	0.32	ug/kg	
919005-14-4	ADONA	ND	0.88	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.88	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.88	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.56	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	96%		20-150%
	13C5-PFHxA	95%		20-150%
	13C4-PFHpA	92%		20-150%
	13C8-PFOA	89%		20-150%
	13C9-PFNA	87%		20-150%
	13C6-PFDA	96%		20-150%
	13C7-PFUnDA	98%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	88%		20-150%
	13C3-PFHxS	96%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (9-9.5)		
Lab Sample ID:	JD58458-14B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	91.6
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	85%		20-150%
	13C8-FOSA	83%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	63%		20-150%
	d3-MeFOSAA	86%		20-150%
	d5-EtFOSAA	81%		20-150%
	d7-MeFOSE	75%		20-150%
	d9-EtFOSE	81%		20-150%
	13C2-4:2FTS	139%		20-150%
	13C2-6:2FTS	104%		20-150%
	13C2-8:2FTS	107%		20-150%
	13C3-HFPO-DA	96%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (13-13.5)	
Lab Sample ID:	JD58458-15B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 89.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39936.D	1	01/28/23 15:54	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.90	0.56	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.45	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.90	0.45	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.90	0.45	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.90	0.67	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (13-13.5)		
Lab Sample ID:	JD58458-15B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	89.9
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.90	0.32	ug/kg	
919005-14-4	ADONA	ND	0.90	0.38	ug/kg	
377-73-1	PFMPA	ND	0.45	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.90	0.49	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.90	0.45	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.57	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.6	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.6	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	93%		20-150%
	13C5-PFHxA	93%		20-150%
	13C4-PFHpA	87%		20-150%
	13C8-PFOA	95%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	99%		20-150%
	13C7-PFUnDA	93%		20-150%
	13C2-PFDoDA	82%		20-150%
	13C2-PFTeDA	70%		20-150%
	13C3-PFBS	86%		20-150%
	13C3-PFHxS	90%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (13-13.5)		
Lab Sample ID:	JD58458-15B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	89.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	89%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	70%		20-150%
	d5-EtFOSA	67%		20-150%
	d3-MeFOSAA	76%		20-150%
	d5-EtFOSAA	81%		20-150%
	d7-MeFOSE	75%		20-150%
	d9-EtFOSE	77%		20-150%
	13C2-4:2FTS	127%		20-150%
	13C2-6:2FTS	109%		20-150%
	13C2-8:2FTS	93%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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J = Indicates an estimated value
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 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (19-19.5)	
Lab Sample ID:	JD58458-16B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 90.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39938.D	1	01/28/23 16:23	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.89	0.56	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.45	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic acid	ND	0.22	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.89	0.45	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.89	0.45	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.89	0.67	ug/kg	

PERFLUOROOCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (19-19.5)		
Lab Sample ID:	JD58458-16B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	90.4
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.89	0.32	ug/kg	
919005-14-4	ADONA	ND	0.89	0.38	ug/kg	
377-73-1	PFMPA	ND	0.45	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.89	0.49	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.89	0.45	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.57	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.6	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.6	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	93%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	96%		20-150%
	13C7-PFUnDA	101%		20-150%
	13C2-PFDoDA	82%		20-150%
	13C2-PFTeDA	65%		20-150%
	13C3-PFBS	88%		20-150%
	13C3-PFHxS	90%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB3 (19-19.5)		
Lab Sample ID:	JD58458-16B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	90.4
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	87%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	78%		20-150%
	d5-EtFOSA	73%		20-150%
	d3-MeFOSAA	80%		20-150%
	d5-EtFOSAA	78%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	127%		20-150%
	13C2-6:2FTS	111%		20-150%
	13C2-8:2FTS	92%		20-150%
	13C3-HFPO-DA	93%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (.5-1)	
Lab Sample ID:	JD58458-17B	Date Sampled: 01/10/23
Matrix:	SO - Soil	Date Received: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 96.2
Project:	100 Main Street, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39942.D	1	01/28/23 17:19	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.41	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.16	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.31	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.15	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.41	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.41	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	

PERFLUOROOCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.10	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (.5-1)		
Lab Sample ID:	JD58458-17B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	96.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.20	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.41	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.41	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.41	0.25	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.45	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.41	ug/kg	
113507-82-7	PFEESA	ND	0.41	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.52	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	91%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	89%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	97%		20-150%
	13C7-PFUnDA	103%		20-150%
	13C2-PFDoDA	83%		20-150%
	13C2-PFTeDA	66%		20-150%
	13C3-PFBS	89%		20-150%
	13C3-PFHxS	94%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (.5-1)	Date Sampled:	01/10/23
Lab Sample ID:	JD58458-17B	Date Received:	01/10/23
Matrix:	SO - Soil	Percent Solids:	96.2
Method:	EPA DRAFT 1633 EPA 1633 DRAFT		
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	88%		20-150%
	13C8-FOSA	82%		20-150%
	d3-MeFOSA	58%		20-150%
	d5-EtFOSA	59%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	82%		20-150%
	d7-MeFOSE	74%		20-150%
	d9-EtFOSE	74%		20-150%
	13C2-4:2FTS	141%		20-150%
	13C2-6:2FTS	117%		20-150%
	13C2-8:2FTS	110%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (9.5-10)	
Lab Sample ID:	JD58458-18B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 90.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39944.D	1	01/28/23 17:47	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	5.02 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.88	0.55	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.88	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.88	0.66	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (9.5-10)		
Lab Sample ID:	JD58458-18B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	90.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.88	0.32	ug/kg	
919005-14-4	ADONA	ND	0.88	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.88	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.88	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.56	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	94%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	94%		20-150%
	13C9-PFNA	95%		20-150%
	13C6-PFDA	102%		20-150%
	13C7-PFUnDA	98%		20-150%
	13C2-PFDoDA	85%		20-150%
	13C2-PFTeDA	75%		20-150%
	13C3-PFBS	85%		20-150%
	13C3-PFHxS	97%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB1 (9.5-10)	
Lab Sample ID: JD58458-18B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 90.9
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	94%		20-150%
	13C8-FOSA	88%		20-150%
	d3-MeFOSA	74%		20-150%
	d5-EtFOSA	74%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	86%		20-150%
	d7-MeFOSE	83%		20-150%
	d9-EtFOSE	88%		20-150%
	13C2-4:2FTS	130%		20-150%
	13C2-6:2FTS	111%		20-150%
	13C2-8:2FTS	103%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
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 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (14.5-15)	
Lab Sample ID:	JD58458-19B	Date Sampled: 01/10/23
Matrix:	SO - Soil	Date Received: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 88.3
Project:	100 Main Steet, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39946.D	1	01/28/23 18:15	AFL	01/16/23 11:00	F:OP95000	F:S4Q573
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.91	0.57	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.91	0.46	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.91	0.46	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.91	0.68	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB1 (14.5-15)		
Lab Sample ID:	JD58458-19B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	88.3
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.91	0.33	ug/kg	
919005-14-4	ADONA	ND	0.91	0.38	ug/kg	
377-73-1	PFMPA	ND	0.46	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.28	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.91	0.50	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.91	0.46	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.58	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.7	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.7	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	86%		20-150%
	13C5-PFPeA	87%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	86%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	84%		20-150%
	13C6-PFDA	94%		20-150%
	13C7-PFUnDA	94%		20-150%
	13C2-PFDoDA	96%		20-150%
	13C2-PFTeDA	79%		20-150%
	13C3-PFBS	91%		20-150%
	13C3-PFHxS	95%		20-150%

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB1 (14.5-15)**Lab Sample ID:** JD58458-19B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 88.3

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	85%		20-150%
	13C8-FOSA	86%		20-150%
	d3-MeFOSA	68%		20-150%
	d5-EtFOSA	72%		20-150%
	d3-MeFOSAA	81%		20-150%
	d5-EtFOSAA	84%		20-150%
	d7-MeFOSE	79%		20-150%
	d9-EtFOSE	83%		20-150%
	13C2-4:2FTS	135%		20-150%
	13C2-6:2FTS	106%		20-150%
	13C2-8:2FTS	102%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (16-16.5)	
Lab Sample ID:	JD58458-20B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 85.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39959.D	1	01/28/23 21:18	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.93	0.58	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.47	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.93	0.47	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.93	0.47	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.93	0.70	ug/kg	

PERFLUOROOCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB1 (16-16.5)		
Lab Sample ID:	JD58458-20B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	85.8
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.93	0.34	ug/kg	
919005-14-4	ADONA	ND	0.93	0.39	ug/kg	
377-73-1	PFMPA	ND	0.47	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.47	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.47	0.28	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.93	0.51	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.93	0.47	ug/kg	
113507-82-7	PFEESA	ND	0.47	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.59	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	97%		20-150%
	13C5-PFHxA	94%		20-150%
	13C4-PFHpA	92%		20-150%
	13C8-PFOA	89%		20-150%
	13C9-PFNA	97%		20-150%
	13C6-PFDA	99%		20-150%
	13C7-PFUnDA	94%		20-150%
	13C2-PFDoDA	80%		20-150%
	13C2-PFTeDA	63%		20-150%
	13C3-PFBS	91%		20-150%
	13C3-PFHxS	93%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB1 (16-16.5)**Lab Sample ID:** JD58458-20B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 85.8

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	73%		20-150%
	d5-EtFOSA	71%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	80%		20-150%
	d7-MeFOSE	71%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	125%		20-150%
	13C2-6:2FTS	120%		20-150%
	13C2-8:2FTS	104%		20-150%
	13C3-HFPO-DA	97%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (4-4.5)	
Lab Sample ID:	JD58458-21B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 96.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39967.D	1	01/28/23 23:10	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (4-4.5)		
Lab Sample ID:	JD58458-21B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	96.2
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	93%		20-150%
	13C5-PFHxA	93%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	92%		20-150%
	13C9-PFNA	94%		20-150%
	13C6-PFDA	97%		20-150%
	13C7-PFUnDA	94%		20-150%
	13C2-PFDoDA	78%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	91%		20-150%
	13C3-PFHxS	96%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (4-4.5)		
Lab Sample ID:	JD58458-21B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	96.2
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	92%		20-150%
	13C8-FOSA	97%		20-150%
	d3-MeFOSA	75%		20-150%
	d5-EtFOSA	74%		20-150%
	d3-MeFOSAA	90%		20-150%
	d5-EtFOSAA	89%		20-150%
	d7-MeFOSE	78%		20-150%
	d9-EtFOSE	77%		20-150%
	13C2-4:2FTS	144%		20-150%
	13C2-6:2FTS	137%		20-150%
	13C2-8:2FTS	119%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (8-8.5)	
Lab Sample ID:	JD58458-22B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 86.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39969.D	1	01/28/23 23:38	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.92	0.58	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.92	0.46	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.92	0.46	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.92	0.69	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

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Client Sample ID:	SB2 (8-8.5)		
Lab Sample ID:	JD58458-22B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	86.5
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.92	0.33	ug/kg	
919005-14-4	ADONA	ND	0.92	0.39	ug/kg	
377-73-1	PFMPA	ND	0.46	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.28	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.92	0.51	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.92	0.46	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.59	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	97%		20-150%
	13C5-PFHxA	94%		20-150%
	13C4-PFHpA	91%		20-150%
	13C8-PFOA	93%		20-150%
	13C9-PFNA	95%		20-150%
	13C6-PFDA	103%		20-150%
	13C7-PFUnDA	101%		20-150%
	13C2-PFDoDA	77%		20-150%
	13C2-PFTeDA	45%		20-150%
	13C3-PFBS	92%		20-150%
	13C3-PFHxS	93%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (8-8.5)		
Lab Sample ID:	JD58458-22B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	86.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	92%		20-150%
	13C8-FOSA	90%		20-150%
	d3-MeFOSA	82%		20-150%
	d5-EtFOSA	80%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	87%		20-150%
	d7-MeFOSE	80%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	138%		20-150%
	13C2-6:2FTS	122%		20-150%
	13C2-8:2FTS	113%		20-150%
	13C3-HFPO-DA	98%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (12-12.5)	
Lab Sample ID:	JD58458-23B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 83.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39971.D	1	01/29/23 00:06	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.96	0.60	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.96	0.48	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.96	0.48	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.96	0.72	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (12-12.5)		
Lab Sample ID:	JD58458-23B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	83.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.96	0.35	ug/kg	
919005-14-4	ADONA	ND	0.96	0.40	ug/kg	
377-73-1	PFMPA	ND	0.48	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.96	0.52	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.96	0.48	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.61	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.0	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.0	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	94%		20-150%
	13C5-PFPeA	103%		20-150%
	13C5-PFHxA	98%		20-150%
	13C4-PFHpA	95%		20-150%
	13C8-PFOA	96%		20-150%
	13C9-PFNA	96%		20-150%
	13C6-PFDA	108%		20-150%
	13C7-PFUnDA	103%		20-150%
	13C2-PFDoDA	92%		20-150%
	13C2-PFTeDA	71%		20-150%
	13C3-PFBS	102%		20-150%
	13C3-PFHxS	99%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB2 (12-12.5)**Lab Sample ID:** JD58458-23B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 83.7

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	96%		20-150%
	13C8-FOSA	91%		20-150%
	d3-MeFOSA	83%		20-150%
	d5-EtFOSA	82%		20-150%
	d3-MeFOSAA	92%		20-150%
	d5-EtFOSAA	87%		20-150%
	d7-MeFOSE	81%		20-150%
	d9-EtFOSE	79%		20-150%
	13C2-4:2FTS	146%		20-150%
	13C2-6:2FTS	137%		20-150%
	13C2-8:2FTS	116%		20-150%
	13C3-HFPO-DA	98%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB2 (17-17.5)	
Lab Sample ID:	JD58458-24B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 96.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39973.D	1	01/29/23 00:34	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB2 (17-17.5)		
Lab Sample ID:	JD58458-24B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	96.6
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	91%		20-150%
	13C5-PFHxA	89%		20-150%
	13C4-PFHpA	85%		20-150%
	13C8-PFOA	93%		20-150%
	13C9-PFNA	97%		20-150%
	13C6-PFDA	96%		20-150%
	13C7-PFUnDA	96%		20-150%
	13C2-PFDoDA	80%		20-150%
	13C2-PFTeDA	54%		20-150%
	13C3-PFBS	91%		20-150%
	13C3-PFHxS	90%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB2 (17-17.5)**Lab Sample ID:** JD58458-24B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 96.6

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	75%		20-150%
	d5-EtFOSA	74%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	75%		20-150%
	d7-MeFOSE	74%		20-150%
	d9-EtFOSE	74%		20-150%
	13C2-4:2FTS	123%		20-150%
	13C2-6:2FTS	129%		20-150%
	13C2-8:2FTS	100%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB4 (2-2.5)	
Lab Sample ID:	JD58458-25B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Steet, White Plains, NY	Percent Solids: 94.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39975.D	1	01/29/23 01:03	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB4 (2-2.5)		
Lab Sample ID:	JD58458-25B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	94.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.31	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	96%		20-150%
	13C5-PFHxA	94%		20-150%
	13C4-PFHpA	93%		20-150%
	13C8-PFOA	95%		20-150%
	13C9-PFNA	92%		20-150%
	13C6-PFDA	99%		20-150%
	13C7-PFUnDA	95%		20-150%
	13C2-PFDoDA	81%		20-150%
	13C2-PFTeDA	49%		20-150%
	13C3-PFBS	102%		20-150%
	13C3-PFHxS	105%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB4 (2-2.5)	
Lab Sample ID: JD58458-25B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 94.7
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	97%		20-150%
	13C8-FOSA	93%		20-150%
	d3-MeFOSA	74%		20-150%
	d5-EtFOSA	61%		20-150%
	d3-MeFOSAA	84%		20-150%
	d5-EtFOSAA	84%		20-150%
	d7-MeFOSE	68%		20-150%
	d9-EtFOSE	71%		20-150%
	13C2-4:2FTS	133%		20-150%
	13C2-6:2FTS	134%		20-150%
	13C2-8:2FTS	108%		20-150%
	13C3-HFPO-DA	89%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB4 (7-7.5)	
Lab Sample ID:	JD58458-26B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 92.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39980.D	1	01/29/23 02:13	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	4.98 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.87	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.65	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB4 (7-7.5)		
Lab Sample ID:	JD58458-26B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	92.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.87	0.31	ug/kg	
919005-14-4	ADONA	ND	0.87	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	92%		20-150%
	13C5-PFPeA	101%		20-150%
	13C5-PFHxA	94%		20-150%
	13C4-PFHpA	92%		20-150%
	13C8-PFOA	97%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	94%		20-150%
	13C7-PFUnDA	93%		20-150%
	13C2-PFDoDA	73%		20-150%
	13C2-PFTeDA	42%		20-150%
	13C3-PFBS	92%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID: SB4 (7-7.5)	
Lab Sample ID: JD58458-26B	Date Sampled: 01/10/23
Matrix: SO - Soil	Date Received: 01/10/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 92.7
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	97%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	59%		20-150%
	d5-EtFOSA	47%		20-150%
	d3-MeFOSAA	82%		20-150%
	d5-EtFOSAA	86%		20-150%
	d7-MeFOSE	64%		20-150%
	d9-EtFOSE	62%		20-150%
	13C2-4:2FTS	128%		20-150%
	13C2-6:2FTS	118%		20-150%
	13C2-8:2FTS	116%		20-150%
	13C3-HFPO-DA	96%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB4 (13-13.5)	
Lab Sample ID:	JD58458-27B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 81.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39982.D	1	01/29/23 02:41	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	4.98 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.99	0.62	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.50	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.20	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.25	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.18	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.19	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.99	0.50	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.99	0.50	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.99	0.74	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.25	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.13	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB4 (13-13.5)		
Lab Sample ID:	JD58458-27B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	81.0
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.25	0.20	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.5	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.5	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.99	0.36	ug/kg	
919005-14-4	ADONA	ND	0.99	0.42	ug/kg	
377-73-1	PFMPA	ND	0.50	0.25	ug/kg	
863090-89-5	PFMBA	ND	0.50	0.25	ug/kg	
151772-58-6	NFDHA	ND	0.50	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.99	0.54	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.99	0.50	ug/kg	
113507-82-7	PFEESA	ND	0.50	0.25	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.63	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.2	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.2	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	94%		20-150%
	13C5-PFHxA	93%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	90%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	94%		20-150%
	13C7-PFUnDA	95%		20-150%
	13C2-PFDoDA	78%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	86%		20-150%
	13C3-PFHxS	87%		20-150%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	SB4 (13-13.5)		
Lab Sample ID:	JD58458-27B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	81.0
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	84%		20-150%
	13C8-FOSA	81%		20-150%
	d3-MeFOSA	63%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	81%		20-150%
	d5-EtFOSAA	74%		20-150%
	d7-MeFOSE	72%		20-150%
	d9-EtFOSE	74%		20-150%
	13C2-4:2FTS	118%		20-150%
	13C2-6:2FTS	113%		20-150%
	13C2-8:2FTS	99%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
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Report of Analysis

Page 1 of 3

Client Sample ID:	SB4 (18-18.5)	
Lab Sample ID:	JD58458-28B	
Matrix:	SO - Soil	Date Sampled: 01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/10/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 83.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39984.D	1	01/29/23 03:09	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.02 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.95	0.59	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.95	0.71	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

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Report of Analysis

Page 2 of 3

Client Sample ID:	SB4 (18-18.5)		
Lab Sample ID:	JD58458-28B	Date Sampled:	01/10/23
Matrix:	SO - Soil	Date Received:	01/10/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	83.8
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.95	0.34	ug/kg	
919005-14-4	ADONA	ND	0.95	0.40	ug/kg	
377-73-1	PFMPA	ND	0.48	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.95	0.52	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.95	0.48	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.60	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.9	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.9	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	100%		20-150%
	13C5-PFHxA	93%		20-150%
	13C4-PFHpA	96%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	92%		20-150%
	13C6-PFDA	97%		20-150%
	13C7-PFUnDA	92%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	46%		20-150%
	13C3-PFBS	95%		20-150%
	13C3-PFHxS	91%		20-150%

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID: SB4 (18-18.5)**Lab Sample ID:** JD58458-28B**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/10/23**Date Received:** 01/10/23**Percent Solids:** 83.8

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	89%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	57%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	79%		20-150%
	d7-MeFOSE	54%		20-150%
	d9-EtFOSE	52%		20-150%
	13C2-4:2FTS	141%		20-150%
	13C2-6:2FTS	130%		20-150%
	13C2-8:2FTS	109%		20-150%
	13C3-HFPO-DA	97%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



CHAIN OF CUSTODY

Page 1 of 3

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

FED-EX Tracking #
SGS Order Control #
SGS Job #
SGS Quote #

EHS-A-QAC-0023-04-FORM-Standard COC

Client / Reporting Information		Project Information		Requested Analysis		Matrix Codes	
Company Name: StS1	Project Name: 100 main St. (sears)	Street Address: 959 US46E 30th fl. White Plains NY		Billing Information (if different from Report to): Same as client		Matrix Codes: DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Project Contact: scs@stsi.org / 914-950-1246 ph 1	Project #: 1246 ph 1	Street Address: Renaissance Galleria Environmental mgmt LLC		City: White Plains		State: NY	
Phone #: 914-950-1246	Client Purchase Order #:	Attention: Kevin McManus		City: White Plains		State: NY	
Sampler(s) Name(s): Tracy Hodeknis	Phone #:	Project Manager: Steve Rustons		City: White Plains		State: NY	
Field ID / Point of Collection		MECH/DI Vial #		Date		Time	
1 SB9 (3-3.5)		11/10/23		14:55		G N Soil 48	
2 SB9 (6.5-7)		1428		1428			
3 SB9 (11-11.5)		1428		1428			
4 SB9 (18-18.5)		1430		1430			
5 SB8 (2-2.5)		1350		1350			
6 SB8 (5-5.5)		1355		1355			
7 SB8 (10.5-11)		1400		1400			
8 SB8 (15.5-16)		1405		1405			
9 SB7 (1-1.5)		1330		1330			
10 SB7 (9-9.5)		1335		1335			
11 SB7 (13.5-14)		1340		1340			
12 SB7 (17-17.5)		1345		1345			
Turn Around Time (Business Days)		Deliverable		Comments / Special Instructions		LAB USE ONLY	
☐ 10 Business Days ☐ 5 Business Days ☐ 3 Business Days ☐ 2 Business Days ☒ 1 Business Day ☐ Other		Approved By (SGS PM) / Date: Commercial "A" (Level 1) Commercial "B" (Level 2) NJ Reduced (Level 3) Full Tier I (Level 4) Commercial "C" NJ DKQP		NYASP Category A ☒ NYASP Category B MA MCP Criteria CT RCP Criteria State Forms EDD Format		DOD-QSM5	
All data available via Linkbox		* Approval needed for 1-3 Business Day TAT		Commercial "A" = Results only, Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data		http://www.sgs.com/en/terms-and-conditions	
Relinquished By: [Signature]		Date / Time: 11/10/23 14:55		Received By: [Signature]		Date / Time: 11/10/23 15:22	
Relinquished By: [Signature]		Date / Time: 11/10/23 15:22		Received By: [Signature]		Date / Time: 11/10/23 15:22	
Relinquished By: [Signature]		Date / Time: 11/10/23 15:22		Received By: [Signature]		Date / Time: 11/10/23 15:22	
Custody Seal #		Intact		Therm ID:		On Ice	
Custody Seal #		Not Intact		Therm ID:		Cooler Temp. °C	
Custody Seal #		Absent		Therm ID:		Cooler Temp. °C	

JD58458: Chain of Custody

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SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
EL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

FED-EX Tracking #	Bottle Order Control #
SGS Quote #	SGS Job # 5058458

EHSA-QAC-0023-04-FORM-Standard COC

Client / Reporting Information				Project Information				Requested Analysis												Matrix Codes																																																																																																																																																																																																																																							
Company Name: SES1 Street Address: 45415463061 City: Parsippany, NJ 07054 Project Contact: VSQesi onl ssgg sesior Phone: 9738894050				Project Name: 100 mainst (sears) Street: 100 mainst City: White Plains NY Client Purchase Order #: 12461ph1				Billing Information (if different from Report to) ~~Company Name: SANAC AS Client~~ ~~Renoussance Gallena Env. mgmt LLC~~ City: _____ State: _____ Zip: _____												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank																																																																																																																																																																																																																																							
Sample(s) Name(s): Tracy Jodernis Phone #: _____				Project Manager: Steve Gustafson Attention: Kevin Memarus				pH Check (Lab Use Only)																																																																																																																																																																																																																																																			
SGS Sample # _____ Field ID / Point of Collection _____				MECH/DI Val # _____ Date _____ Time _____				Matrix _____ # of bottles _____												LAB USE ONLY																																																																																																																																																																																																																																							
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☐ 10 Business Days ☐ 5 Business Days ☐ 3 Business Days* ☐ 2 Business Days* ☒ 1 Business Day* ☐ Other _____ All data available via Lablink				☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ NJ Reduced (Level 3) ☐ Full Tier I (Level 4) ☐ Commercial "C" ☐ NJ DKQP				☐ NYASP Category A ☐ NYASP Category B ☒ MA MCP Criteria _____ ☐ CT RCP Criteria _____ ☐ State Forms ☒ EDD Format _____												☐ DOD-QSM5																																																																																																																																																																																																																																							
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301

JD58458: Chain of Custody

Page 2 of 6



CHAIN OF CUSTODY

Page 3 of 3

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

EHSQA-QAC-0023-04-FORM-Standard COC

Client / Reporting Information		Project Information		Requested Analysis		Matrix Codes												
Company Name: SGS	Project Name: 100 Main St (sears)	Billing Information (if different from Report to)		ICU TOTAL 1-4 Dioxane DEAS		Matrix Codes DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank												
Street: "	City: White Plains NY	State: NY	Country: USA															
Project Contact: Joseph J. SSG@sgs.com	Project #: 0138089050	Client Purchase Order #:	City: Kenilworth NJ															
Sample(s) Name(s): Tracey Jodexms	Phone #:	Project Manager: Steve Gustoni	Attention: Kevin McManus	pH Check (Lab Use Only)														
SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Sub ID Comp (C)	Source Characterized (YN)	Matrix	# of bottles	HCl	NaOH	HNO ₃	H ₂ SO ₄	NONE	DV Water	MEOH	ENCORE	LAB USE ONLY
25	SB 4 (2-2.5')		1/10/23	10:35	TAJ	G	N	Soil	4									
26	SB 4 (7-7.5')			11:10														
27	SB 4 (13-13.5')			2:45														
28	SB 4 (18-18.5')			4:50														
Turn Around Time (Business Days)		Approved By (SGS PM): / Date:		Deliverable		Comments / Special Instructions												
☐ 10 Business Days ☐ 5 Business Days ☐ 3 Business Days ☐ 2 Business Days ☒ 1 Business Day ☐ Other		☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ NJ Reduced (Level 3) ☐ Full Tier I (Level 4) ☐ Commercial "C" ☐ NJ DKQP		☐ NYASP Category A ☒ NYASP Category B ☐ MA MCP Criteria ☐ CT RCP Criteria ☐ State Forms ☒ EDD Format		☐ DOD-QSM5												
* Approval needed for 1-3 Business Day TAT		Commercial "A" - Results only, Commercial "B" - Results + QC Summary Commercial "C" - Results + QC Summary + Partial Raw data		http://www.sgs.com/en/terms-and-conditions														
Sample Custody must be documented below each time samples change possession, including courier delivery.																		
Relinquished By: 1	Date / Time: 1/10/23 10:35	Received By: B. B.	Relinquished By: 2	Date / Time: 1/10/23 18:22	Received By: 4													
Relinquished By: 3	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:													
Relinquished By: 5	Date / Time:	Received By:	Custody Seal #	☐ Intact ☐ Not Intact Absent		Therm ID: See Sample Receipt Summary		On Ice ☒		Cooler Temp. °C 2.6								

3.1

JD58458: Chain of Custody

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SGS Sample Receipt Summary

Job Number: JD58458

Client: SESI CONSULTING ENGINEERS

Project: 100 MAIN STREET, WHITE PLAINS, NY

Date / Time Received: 1/10/2023 6:22:00 PM

Delivery Method: SGS COURIER

Airbill #s:
Cooler Temps (Raw Measured) °C: Cooler 1: (2.6); Cooler 2: (3.1);

Cooler Temps (Corrected) °C: Cooler 1: (2.6); Cooler 2: (3.1);

Cooler Security
Y or N
Y or N

1. Custody Seals Present: ☒ ☐	3. COC Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐	4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature
Y or N

1. Temp criteria achieved: ☒ ☐	
2. Cooler temp verification: _____	
3. Cooler media: _____	Ice (Bag)
4. No. Coolers: _____	2

Quality Control Preservation
Y or N
N/A

1. Trip Blank present / cooler: ☐ ☐ ☒	
2. Trip Blank listed on COC: ☐ ☐ ☒	
3. Samples preserved properly: ☒ ☐	
4. VOCs headspace free: ☐ ☐ ☒	

Sample Integrity - Documentation
Y or N

1. Sample labels present on bottles: ☒ ☐	
2. Container labeling complete: ☒ ☐	
3. Sample container label / COC agree: ☒ ☐	

Sample Integrity - Condition
Y or N

1. Sample recvd within HT: ☒ ☐	
2. All containers accounted for: ☒ ☐	
3. Condition of sample: _____	Intact

Sample Integrity - Instructions
Y or N
N/A

1. Analysis requested is clear: ☒ ☐	
2. Bottles received for unspecified tests: ☐ ☒	
3. Sufficient volume recvd for analysis: ☒ ☐	
4. Compositing instructions clear: ☐ ☐ ☒	
5. Filtering instructions clear: ☐ ☐ ☒	

Test Strip Lot #s:	pH 1-12: 231619	pH 12+: 203117A	Other: (Specify) _____

Comments

SM089-03
Rev. Date 12/7/17

JD58458: Chain of Custody

Page 5 of 6

Job Change Order: JD58458

Requested Date: 1/12/2023 Received Date: 1/10/2023
Account Name: SESI Consulting Engineers Due Date: 1/12/2023
Project Description: 100 Main Street, White Plains, NY Deliverable: NYASPB
C/O Initiated By: KELLY.RAM PM: KR TAT (Days): 4

Sample #: JD58458-5 Dept:

Change: please relog TCLPE, EPB

Above Changes Per: Jon Stuart Date/Time: 1/12/2023

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Sample Summary

SESI Consulting Engineers

Job No: JD58609

100 Main Street, White Plains, NY

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:

Organics ND = Not detected above the MDL

JD58609-1	01/11/23	14:35 TAJ	01/12/23	SO	Soil	SB12 (3.5-4)
* JD58609-1A	01/11/23	14:35 TAJ	01/12/23	SO	Soil	SB12 (3.5-4)
JD58609-1B	01/11/23	14:35 TAJ	01/12/23	SO	Soil	SB12 (3.5-4)
JD58609-2	01/11/23	14:40 TAJ	01/12/23	SO	Soil	SB12 (6.5-7)
* JD58609-2A	01/11/23	14:40 TAJ	01/12/23	SO	Soil	SB12 (6.5-7)
JD58609-2B	01/11/23	14:40 TAJ	01/12/23	SO	Soil	SB12 (6.5-7)
JD58609-3	01/11/23	14:45 TAJ	01/12/23	SO	Soil	SB12 (14.5-15)
* JD58609-3A	01/11/23	14:45 TAJ	01/12/23	SO	Soil	SB12 (14.5-15)
JD58609-3B	01/11/23	14:45 TAJ	01/12/23	SO	Soil	SB12 (14.5-15)
JD58609-4	01/11/23	14:50 TAJ	01/12/23	SO	Soil	SB12 (18-18.5)
* JD58609-4A	01/11/23	14:50 TAJ	01/12/23	SO	Soil	SB12 (18-18.5)
JD58609-4B	01/11/23	14:50 TAJ	01/12/23	SO	Soil	SB12 (18-18.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58609

100 Main Street, White Plains, NY

Sample Number	Collected		Matrix Code	Type	Client	
	Date	Time By	Received		Sample ID	
JD58609-5	01/11/23	13:15 TAJ	01/12/23	SO	Soil	SB6 (4-4.5)
* JD58609-5A	01/11/23	13:15 TAJ	01/12/23	SO	Soil	SB6 (4-4.5)
JD58609-5B	01/11/23	13:15 TAJ	01/12/23	SO	Soil	SB6 (4-4.5)
JD58609-6	01/11/23	13:20 TAJ	01/12/23	SO	Soil	SB6 (7-7.5)
* JD58609-6A	01/11/23	13:20 TAJ	01/12/23	SO	Soil	SB6 (7-7.5)
JD58609-6B	01/11/23	13:20 TAJ	01/12/23	SO	Soil	SB6 (7-7.5)
JD58609-7	01/11/23	13:25 TAJ	01/12/23	SO	Soil	SB6 (12.5-13)
* JD58609-7A	01/11/23	13:25 TAJ	01/12/23	SO	Soil	SB6 (12.5-13)
JD58609-7B	01/11/23	13:25 TAJ	01/12/23	SO	Soil	SB6 (12.5-13)
JD58609-8	01/11/23	13:30 TAJ	01/12/23	SO	Soil	SB6 (15-15.5)
* JD58609-8A	01/11/23	13:30 TAJ	01/12/23	SO	Soil	SB6 (15-15.5)
JD58609-8B	01/11/23	13:30 TAJ	01/12/23	SO	Soil	SB6 (15-15.5)
JD58609-9	01/11/23	14:00 TAJ	01/12/23	SO	Soil	SB5 (3.5-4)

 Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58609

100 Main Street, White Plains, NY

Sample Number	Collected		Matrix Code	Type	Client Sample ID	
	Date	Time By			Received	
* JD58609-9A	01/11/23	14:00 TAJ	01/12/23	SO	Soil	SB5 (3.5-4)
JD58609-9B	01/11/23	14:00 TAJ	01/12/23	SO	Soil	SB5 (3.5-4)
JD58609-10	01/11/23	14:05 TAJ	01/12/23	SO	Soil	SB5 (8-8.5)
* JD58609-10A	01/11/23	14:05 TAJ	01/12/23	SO	Soil	SB5 (8-8.5)
JD58609-10B	01/11/23	14:05 TAJ	01/12/23	SO	Soil	SB5 (8-8.5)
JD58609-11	01/11/23	14:10 TAJ	01/12/23	SO	Soil	SB5 (11-11.5)
* JD58609-11A	01/11/23	14:10 TAJ	01/12/23	SO	Soil	SB5 (11-11.5)
JD58609-11B	01/11/23	14:10 TAJ	01/12/23	SO	Soil	SB5 (11-11.5)
JD58609-12	01/11/23	14:15 TAJ	01/12/23	SO	Soil	SB5 (17-17.5)
* JD58609-12A	01/11/23	14:15 TAJ	01/12/23	SO	Soil	SB5 (17-17.5)
JD58609-12B	01/11/23	14:15 TAJ	01/12/23	SO	Soil	SB5 (17-17.5)
JD58609-13	01/11/23	10:00 TAJ	01/12/23	SO	Soil	SB13 (2-2.5)
* JD58609-13A	01/11/23	10:00 TAJ	01/12/23	SO	Soil	SB13 (2-2.5)

 Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58609

100 Main Street, White Plains, NY

Sample Number	Collected		Matrix Code	Type	Client Sample ID	
	Date	Time By			Received	
JD58609-13B	01/11/23	10:00 TAJ	01/12/23	SO	Soil	SB13 (2-2.5)
JD58609-14	01/11/23	10:05 TAJ	01/12/23	SO	Soil	SB13 (8-8.5)
* JD58609-14A	01/11/23	10:05 TAJ	01/12/23	SO	Soil	SB13 (8-8.5)
JD58609-14B	01/11/23	10:05 TAJ	01/12/23	SO	Soil	SB13 (8-8.5)
JD58609-15	01/11/23	10:10 TAJ	01/12/23	SO	Soil	SB13 (13.5-14)
* JD58609-15A	01/11/23	10:10 TAJ	01/12/23	SO	Soil	SB13 (13.5-14)
JD58609-15B	01/11/23	10:10 TAJ	01/12/23	SO	Soil	SB13 (13.5-14)
JD58609-16	01/11/23	10:15 TAJ	01/12/23	SO	Soil	SB13 (17-17.5)
* JD58609-16A	01/11/23	10:15 TAJ	01/12/23	SO	Soil	SB13 (17-17.5)
JD58609-16B	01/11/23	10:15 TAJ	01/12/23	SO	Soil	SB13 (17-17.5)
JD58609-17	01/11/23	11:15 TAJ	01/12/23	SO	Soil	SB14 (4.5-5)
* JD58609-17A	01/11/23	11:15 TAJ	01/12/23	SO	Soil	SB14 (4.5-5)
JD58609-17B	01/11/23	11:15 TAJ	01/12/23	SO	Soil	SB14 (4.5-5)

 Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58609

100 Main Street, White Plains, NY

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JD58609-18	01/11/23	11:20 TAJ	01/12/23	SO	Soil	SB14 (9.5-10)
* JD58609-18A	01/11/23	11:20 TAJ	01/12/23	SO	Soil	SB14 (9.5-10)
JD58609-18B	01/11/23	11:20 TAJ	01/12/23	SO	Soil	SB14 (9.5-10)
JD58609-19	01/11/23	11:25 TAJ	01/12/23	SO	Soil	SB14 (12-12.5)
* JD58609-19A	01/11/23	11:25 TAJ	01/12/23	SO	Soil	SB14 (12-12.5)
JD58609-19B	01/11/23	11:25 TAJ	01/12/23	SO	Soil	SB14 (12-12.5)
JD58609-20	01/11/23	11:30 TAJ	01/12/23	SO	Soil	SB14 (19.5-20)
* JD58609-20A	01/11/23	11:30 TAJ	01/12/23	SO	Soil	SB14 (19.5-20)
JD58609-20B	01/11/23	11:30 TAJ	01/12/23	SO	Soil	SB14 (19.5-20)
JD58609-21	01/11/23	12:10 TAJ	01/12/23	SO	Soil	SB10 (3-3.5)
* JD58609-21A	01/11/23	12:10 TAJ	01/12/23	SO	Soil	SB10 (3-3.5)
JD58609-21B	01/11/23	12:10 TAJ	01/12/23	SO	Soil	SB10 (3-3.5)
JD58609-22	01/11/23	12:15 TAJ	01/12/23	SO	Soil	SB10 (6-6.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

SESI Consulting Engineers

Job No: JD58609

100 Main Street, White Plains, NY

Sample Number	Collected		Matrix Code	Type	Client Sample ID	
	Date	Time By	Received			
* JD58609-22A	01/11/23	12:15 TAJ	01/12/23	SO	Soil	SB10 (6-6.5)
JD58609-22B	01/11/23	12:15 TAJ	01/12/23	SO	Soil	SB10 (6-6.5)
JD58609-23	01/11/23	12:20 TAJ	01/12/23	SO	Soil	SB10 (10.5-11)
* JD58609-23A	01/11/23	12:20 TAJ	01/12/23	SO	Soil	SB10 (10.5-11)
JD58609-23B	01/11/23	12:20 TAJ	01/12/23	SO	Soil	SB10 (10.5-11)
JD58609-24	01/11/23	12:25 TAJ	01/12/23	SO	Soil	SB10 (18-18.5)
* JD58609-24A	01/11/23	12:25 TAJ	01/12/23	SO	Soil	SB10 (18-18.5)
JD58609-24B	01/11/23	12:25 TAJ	01/12/23	SO	Soil	SB10 (18-18.5)

* The following report applies to these samples only (9 day TAT).

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Page 1 of 3

Client Sample ID:	SB12 (3.5-4)	
Lab Sample ID:	JD58609-1A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 94.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39986.D	1	01/29/23 03:37	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.02 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB12 (3.5-4)		
Lab Sample ID:	JD58609-1A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	94.4
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	93%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	89%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	95%		20-150%
	13C7-PFUnDA	101%		20-150%
	13C2-PFDoDA	87%		20-150%
	13C2-PFTeDA	48%		20-150%
	13C3-PFBS	93%		20-150%
	13C3-PFHxS	86%		20-150%

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB12 (3.5-4)**Lab Sample ID:** JD58609-1A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 94.4

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	88%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	72%		20-150%
	d5-EtFOSA	64%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	90%		20-150%
	d7-MeFOSE	73%		20-150%
	d9-EtFOSE	74%		20-150%
	13C2-4:2FTS	125%		20-150%
	13C2-6:2FTS	104%		20-150%
	13C2-8:2FTS	101%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB12 (6.5-7)	
Lab Sample ID:	JD58609-2A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 95.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12917.D	1	02/03/23 17:43	AFL	01/18/23 10:45	F:OP95034	F:S6Q198
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

Page 2 of 3

Client Sample ID:	SB12 (6.5-7)		
Lab Sample ID:	JD58609-2A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	95.0
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	91%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	97%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	94%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	87%		20-150%
	13C2-PFDoDA	81%		20-150%
	13C2-PFTeDA	78%		20-150%
	13C3-PFBS	94%		20-150%
	13C3-PFHxS	99%		20-150%

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID: SB12 (6.5-7)**Lab Sample ID:** JD58609-2A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 95.0

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	99%		20-150%
	13C8-FOSA	97%		20-150%
	d3-MeFOSA	48%		20-150%
	d5-EtFOSA	42%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	91%		20-150%
	d7-MeFOSE	71%		20-150%
	d9-EtFOSE	78%		20-150%
	13C2-4:2FTS	107%		20-150%
	13C2-6:2FTS	108%		20-150%
	13C2-8:2FTS	108%		20-150%
	13C3-HFPO-DA	97%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB12 (14.5-15)	
Lab Sample ID:	JD58609-3A	Date Sampled: 01/11/23
Matrix:	SO - Soil	Date Received: 01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 83.3
Project:	100 Main Street, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39988.D	1	01/29/23 04:05	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.05 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.95	0.59	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.95	0.48	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.95	0.71	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB12 (14.5-15)		
Lab Sample ID:	JD58609-3A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	83.3
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.95	0.34	ug/kg	
919005-14-4	ADONA	ND	0.95	0.40	ug/kg	
377-73-1	PFMPA	ND	0.48	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.95	0.52	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.95	0.48	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.60	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.9	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.9	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	94%		20-150%
	13C5-PFHxA	92%		20-150%
	13C4-PFHpA	90%		20-150%
	13C8-PFOA	91%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	96%		20-150%
	13C7-PFUnDA	97%		20-150%
	13C2-PFDoDA	85%		20-150%
	13C2-PFTeDA	81%		20-150%
	13C3-PFBS	95%		20-150%
	13C3-PFHxS	91%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB12 (14.5-15)	
Lab Sample ID:	JD58609-3A	Date Sampled: 01/11/23
Matrix:	SO - Soil	Date Received: 01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 83.3
Project:	100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	87%		20-150%
	13C8-FOSA	88%		20-150%
	d3-MeFOSA	74%		20-150%
	d5-EtFOSA	81%		20-150%
	d3-MeFOSAA	88%		20-150%
	d5-EtFOSAA	85%		20-150%
	d7-MeFOSE	86%		20-150%
	d9-EtFOSE	88%		20-150%
	13C2-4:2FTS	137%		20-150%
	13C2-6:2FTS	129%		20-150%
	13C2-8:2FTS	107%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB12 (18-18.5)	
Lab Sample ID:	JD58609-4A	Date Sampled: 01/11/23
Matrix:	SO - Soil	Date Received: 01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 84.8
Project:	100 Main Street, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39992.D	1	01/29/23 05:01	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.94	0.59	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.47	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.94	0.47	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.94	0.47	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.94	0.70	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB12 (18-18.5)		
Lab Sample ID:	JD58609-4A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	84.8
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.94	0.34	ug/kg	
919005-14-4	ADONA	ND	0.94	0.39	ug/kg	
377-73-1	PFMPA	ND	0.47	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.47	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.47	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.94	0.51	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.94	0.47	ug/kg	
113507-82-7	PFEESA	ND	0.47	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.60	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.9	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.9	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	97%		20-150%
	13C5-PFHxA	94%		20-150%
	13C4-PFHpA	93%		20-150%
	13C8-PFOA	98%		20-150%
	13C9-PFNA	96%		20-150%
	13C6-PFDA	105%		20-150%
	13C7-PFUnDA	106%		20-150%
	13C2-PFDoDA	91%		20-150%
	13C2-PFTeDA	56%		20-150%
	13C3-PFBS	95%		20-150%
	13C3-PFHxS	95%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB12 (18-18.5)		
Lab Sample ID:	JD58609-4A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	84.8
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	91%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	66%		20-150%
	d5-EtFOSA	58%		20-150%
	d3-MeFOSAA	82%		20-150%
	d5-EtFOSAA	82%		20-150%
	d7-MeFOSE	63%		20-150%
	d9-EtFOSE	63%		20-150%
	13C2-4:2FTS	145%		20-150%
	13C2-6:2FTS	135%		20-150%
	13C2-8:2FTS	111%		20-150%
	13C3-HFPO-DA	93%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
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 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (4-4.5)	
Lab Sample ID:	JD58609-5A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 92.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39994.D	1	01/29/23 05:30	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.87	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.65	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (4-4.5)		
Lab Sample ID:	JD58609-5A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	92.6
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.87	0.31	ug/kg	
919005-14-4	ADONA	ND	0.87	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	82%		20-150%
	13C5-PFPeA	87%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	85%		20-150%
	13C8-PFOA	84%		20-150%
	13C9-PFNA	90%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	89%		20-150%
	13C2-PFDoDA	77%		20-150%
	13C2-PFTeDA	51%		20-150%
	13C3-PFBS	86%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB6 (4-4.5)	
Lab Sample ID: JD58609-5A	Date Sampled: 01/11/23
Matrix: SO - Soil	Date Received: 01/12/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 92.6
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	87%		20-150%
	13C8-FOSA	89%		20-150%
	d3-MeFOSA	78%		20-150%
	d5-EtFOSA	72%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	85%		20-150%
	d7-MeFOSE	74%		20-150%
	d9-EtFOSE	71%		20-150%
	13C2-4:2FTS	121%		20-150%
	13C2-6:2FTS	109%		20-150%
	13C2-8:2FTS	95%		20-150%
	13C3-HFPO-DA	88%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (7-7.5)	
Lab Sample ID:	JD58609-6A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 85.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39996.D	1	01/29/23 05:58	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.93	0.58	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.93	0.46	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.93	0.46	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.93	0.69	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (7-7.5)		
Lab Sample ID:	JD58609-6A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	85.7
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.93	0.33	ug/kg	
919005-14-4	ADONA	ND	0.93	0.39	ug/kg	
377-73-1	PFMPA	ND	0.46	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.28	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.93	0.51	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.93	0.46	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.59	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	97%		20-150%
	13C5-PFHxA	96%		20-150%
	13C4-PFHpA	94%		20-150%
	13C8-PFOA	90%		20-150%
	13C9-PFNA	95%		20-150%
	13C6-PFDA	104%		20-150%
	13C7-PFUnDA	98%		20-150%
	13C2-PFDoDA	83%		20-150%
	13C2-PFTeDA	56%		20-150%
	13C3-PFBS	85%		20-150%
	13C3-PFHxS	86%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (7-7.5)		
Lab Sample ID:	JD58609-6A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	85.7
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	92%		20-150%
	13C8-FOSA	89%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	58%		20-150%
	d3-MeFOSAA	91%		20-150%
	d5-EtFOSAA	101%		20-150%
	d7-MeFOSE	76%		20-150%
	d9-EtFOSE	79%		20-150%
	13C2-4:2FTS	135%		20-150%
	13C2-6:2FTS	120%		20-150%
	13C2-8:2FTS	99%		20-150%
	13C3-HFPO-DA	94%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (12.5-13)	
Lab Sample ID:	JD58609-7A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 85.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q39998.D	1	01/29/23 06:26	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.94	0.58	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.47	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.94	0.47	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.94	0.47	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.94	0.70	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (12.5-13)		
Lab Sample ID:	JD58609-7A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	85.3
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.94	0.34	ug/kg	
919005-14-4	ADONA	ND	0.94	0.39	ug/kg	
377-73-1	PFMPA	ND	0.47	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.47	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.47	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.94	0.51	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.94	0.47	ug/kg	
113507-82-7	PFEESA	ND	0.47	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.60	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	94%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	92%		20-150%
	13C8-PFOA	95%		20-150%
	13C9-PFNA	94%		20-150%
	13C6-PFDA	101%		20-150%
	13C7-PFUnDA	94%		20-150%
	13C2-PFDoDA	90%		20-150%
	13C2-PFTeDA	67%		20-150%
	13C3-PFBS	99%		20-150%
	13C3-PFHxS	91%		20-150%

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

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Client Sample ID: SB6 (12.5-13)**Lab Sample ID:** JD58609-7A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 85.3

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	91%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	63%		20-150%
	d5-EtFOSA	70%		20-150%
	d3-MeFOSAA	80%		20-150%
	d5-EtFOSAA	84%		20-150%
	d7-MeFOSE	81%		20-150%
	d9-EtFOSE	82%		20-150%
	13C2-4:2FTS	125%		20-150%
	13C2-6:2FTS	123%		20-150%
	13C2-8:2FTS	111%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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Report of Analysis

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Client Sample ID:	SB6 (15-15.5)	
Lab Sample ID:	JD58609-8A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 83.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q40000.D	1	01/29/23 06:54	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.97	0.60	ug/kg	
2706-90-3	Perfluoropentanoic acid	0.26	0.48	0.12	ug/kg	J
307-24-4	Perfluorohexanoic acid	0.20	0.24	0.12	ug/kg	J
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	0.20	0.24	0.12	ug/kg	J
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.31	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.97	0.48	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.97	0.48	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.97	0.72	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

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Client Sample ID:	SB6 (15-15.5)		
Lab Sample ID:	JD58609-8A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	83.5
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.97	0.35	ug/kg	
919005-14-4	ADONA	ND	0.97	0.41	ug/kg	
377-73-1	PFMPA	ND	0.48	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.97	0.53	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.97	0.48	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.61	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.0	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.0	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	101%		20-150%
	13C5-PFHxA	99%		20-150%
	13C4-PFHpA	102%		20-150%
	13C8-PFOA	98%		20-150%
	13C9-PFNA	93%		20-150%
	13C6-PFDA	98%		20-150%
	13C7-PFUnDA	107%		20-150%
	13C2-PFDoDA	87%		20-150%
	13C2-PFTeDA	56%		20-150%
	13C3-PFBS	91%		20-150%
	13C3-PFHxS	97%		20-150%

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RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB6 (15-15.5)		
Lab Sample ID:	JD58609-8A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	83.5
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	94%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	79%		20-150%
	d5-EtFOSA	69%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	86%		20-150%
	d7-MeFOSE	82%		20-150%
	d9-EtFOSE	83%		20-150%
	13C2-4:2FTS	134%		20-150%
	13C2-6:2FTS	119%		20-150%
	13C2-8:2FTS	116%		20-150%
	13C3-HFPO-DA	97%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (3.5-4)	
Lab Sample ID:	JD58609-9A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 95.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q40004.D	1	01/29/23 07:50	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (3.5-4)		
Lab Sample ID:	JD58609-9A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	95.0
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	96%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	95%		20-150%
	13C8-PFOA	92%		20-150%
	13C9-PFNA	96%		20-150%
	13C6-PFDA	101%		20-150%
	13C7-PFUnDA	96%		20-150%
	13C2-PFDoDA	86%		20-150%
	13C2-PFTeDA	51%		20-150%
	13C3-PFBS	96%		20-150%
	13C3-PFHxS	92%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB5 (3.5-4)	
Lab Sample ID: JD58609-9A	Date Sampled: 01/11/23
Matrix: SO - Soil	Date Received: 01/12/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 95.0
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	96%		20-150%
	13C8-FOSA	89%		20-150%
	d3-MeFOSA	69%		20-150%
	d5-EtFOSA	63%		20-150%
	d3-MeFOSAA	95%		20-150%
	d5-EtFOSAA	89%		20-150%
	d7-MeFOSE	66%		20-150%
	d9-EtFOSE	62%		20-150%
	13C2-4:2FTS	147%		20-150%
	13C2-6:2FTS	118%		20-150%
	13C2-8:2FTS	108%		20-150%
	13C3-HFPO-DA	94%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (8-8.5)	
Lab Sample ID:	JD58609-10A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 93.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q40006.D	1	01/29/23 08:18	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	J
2706-90-3	Perfluoropentanoic acid	0.26	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	0.24	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (8-8.5)		
Lab Sample ID:	JD58609-10A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	93.2
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	85%		20-150%
	13C5-PFPeA	90%		20-150%
	13C5-PFHxA	87%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	91%		20-150%
	13C9-PFNA	84%		20-150%
	13C6-PFDA	92%		20-150%
	13C7-PFUnDA	89%		20-150%
	13C2-PFDoDA	78%		20-150%
	13C2-PFTeDA	44%		20-150%
	13C3-PFBS	92%		20-150%
	13C3-PFHxS	94%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB5 (8-8.5)	
Lab Sample ID: JD58609-10A	Date Sampled: 01/11/23
Matrix: SO - Soil	Date Received: 01/12/23
Method: EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 93.2
Project: 100 Main Street, White Plains, NY	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	93%		20-150%
	13C8-FOSA	91%		20-150%
	d3-MeFOSA	68%		20-150%
	d5-EtFOSA	65%		20-150%
	d3-MeFOSAA	85%		20-150%
	d5-EtFOSAA	88%		20-150%
	d7-MeFOSE	72%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	136%		20-150%
	13C2-6:2FTS	120%		20-150%
	13C2-8:2FTS	110%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (11-11.5)	
Lab Sample ID:	JD58609-11A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 94.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4Q40008.D	1	01/29/23 08:46	AFL	01/16/23 11:00	F:OP95001	F:S4Q574
Run #2							

	Initial Weight	Final Volume
Run #1	4.98 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (11-11.5)		
Lab Sample ID:	JD58609-11A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	94.7
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	98%		20-150%
	13C5-PFHxA	95%		20-150%
	13C4-PFHpA	90%		20-150%
	13C8-PFOA	97%		20-150%
	13C9-PFNA	90%		20-150%
	13C6-PFDA	103%		20-150%
	13C7-PFUnDA	91%		20-150%
	13C2-PFDoDA	77%		20-150%
	13C2-PFTeDA	59%		20-150%
	13C3-PFBS	89%		20-150%
	13C3-PFHxS	88%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (11-11.5)	Date Sampled:	01/11/23
Lab Sample ID:	JD58609-11A	Date Received:	01/12/23
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	EPA DRAFT 1633 EPA 1633 DRAFT		
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	86%		20-150%
	13C8-FOSA	91%		20-150%
	d3-MeFOSA	70%		20-150%
	d5-EtFOSA	67%		20-150%
	d3-MeFOSAA	92%		20-150%
	d5-EtFOSAA	90%		20-150%
	d7-MeFOSE	79%		20-150%
	d9-EtFOSE	82%		20-150%
	13C2-4:2FTS	134%		20-150%
	13C2-6:2FTS	125%		20-150%
	13C2-8:2FTS	101%		20-150%
	13C3-HFPO-DA	96%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (17-17.5)	
Lab Sample ID:	JD58609-12A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 86.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12865.D	1	02/03/23 05:36	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.02 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.92	0.58	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.75	0.23	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	8.9	0.23	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.92	0.46	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	0.57	0.92	0.46	ug/kg	J
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.92	0.69	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (17-17.5)		
Lab Sample ID:	JD58609-12A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	86.3
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.92	0.33	ug/kg	
919005-14-4	ADONA	ND	0.92	0.39	ug/kg	
377-73-1	PFMPA	ND	0.46	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.28	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.92	0.51	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.92	0.46	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.59	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	81%		20-150%
	13C5-PFPeA	85%		20-150%
	13C5-PFHxA	84%		20-150%
	13C4-PFHpA	81%		20-150%
	13C8-PFOA	77%		20-150%
	13C9-PFNA	82%		20-150%
	13C6-PFDA	78%		20-150%
	13C7-PFUnDA	82%		20-150%
	13C2-PFDoDA	76%		20-150%
	13C2-PFTeDA	70%		20-150%
	13C3-PFBS	77%		20-150%
	13C3-PFHxS	82%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB5 (17-17.5)		
Lab Sample ID:	JD58609-12A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	86.3
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	79%		20-150%
	13C8-FOSA	79%		20-150%
	d3-MeFOSA	71%		20-150%
	d5-EtFOSA	69%		20-150%
	d3-MeFOSAA	69%		20-150%
	d5-EtFOSAA	72%		20-150%
	d7-MeFOSE	66%		20-150%
	d9-EtFOSE	72%		20-150%
	13C2-4:2FTS	100%		20-150%
	13C2-6:2FTS	89%		20-150%
	13C2-8:2FTS	88%		20-150%
	13C3-HFPO-DA	87%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB13 (2-2.5)	
Lab Sample ID:	JD58609-13A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 89.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12866.D	1	02/03/23 05:50	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.89	0.55	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	0.59	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	1.9	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.89	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.89	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.89	0.66	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB13 (2-2.5)		
Lab Sample ID:	JD58609-13A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	89.7
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.89	0.32	ug/kg	
919005-14-4	ADONA	ND	0.89	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.89	0.49	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.89	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.56	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	84%		20-150%
	13C5-PFPeA	91%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	84%		20-150%
	13C9-PFNA	87%		20-150%
	13C6-PFDA	86%		20-150%
	13C7-PFUnDA	87%		20-150%
	13C2-PFDoDA	80%		20-150%
	13C2-PFTeDA	71%		20-150%
	13C3-PFBS	81%		20-150%
	13C3-PFHxS	81%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB13 (2-2.5)**Lab Sample ID:** JD58609-13A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 89.7

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	71%		20-150%
	d5-EtFOSA	69%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	84%		20-150%
	d7-MeFOSE	69%		20-150%
	d9-EtFOSE	71%		20-150%
	13C2-4:2FTS	94%		20-150%
	13C2-6:2FTS	84%		20-150%
	13C2-8:2FTS	92%		20-150%
	13C3-HFPO-DA	94%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB13 (8-8.5)	
Lab Sample ID:	JD58609-14A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 89.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12867.D	1	02/03/23 06:04	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.89	0.56	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.45	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.89	0.45	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.89	0.45	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.89	0.67	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

Page 2 of 3

Client Sample ID:	SB13 (8-8.5)		
Lab Sample ID:	JD58609-14A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	89.5
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.89	0.32	ug/kg	
919005-14-4	ADONA	ND	0.89	0.37	ug/kg	
377-73-1	PFMPA	ND	0.45	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.89	0.49	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.89	0.45	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.57	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.6	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.6	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	84%		20-150%
	13C5-PFPeA	85%		20-150%
	13C5-PFHxA	85%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	79%		20-150%
	13C9-PFNA	76%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	85%		20-150%
	13C2-PFDoDA	94%		20-150%
	13C2-PFTeDA	82%		20-150%
	13C3-PFBS	83%		20-150%
	13C3-PFHxS	87%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB13 (8-8.5)		
Lab Sample ID:	JD58609-14A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	89.5
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	85%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	78%		20-150%
	d5-EtFOSA	78%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	82%		20-150%
	d7-MeFOSE	88%		20-150%
	d9-EtFOSE	88%		20-150%
	13C2-4:2FTS	96%		20-150%
	13C2-6:2FTS	94%		20-150%
	13C2-8:2FTS	88%		20-150%
	13C3-HFPO-DA	86%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB13 (13.5-14)	
Lab Sample ID:	JD58609-15A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 87.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12870.D	1	02/03/23 06:46	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.92	0.58	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.21	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.92	0.46	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.92	0.46	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.92	0.69	ug/kg	

PERFLUOROOCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB13 (13.5-14)		
Lab Sample ID:	JD58609-15A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	87.6
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.23	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.92	0.33	ug/kg	
919005-14-4	ADONA	ND	0.92	0.39	ug/kg	
377-73-1	PFMPA	ND	0.46	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.28	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.92	0.51	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.92	0.46	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.59	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	79%		20-150%
	13C5-PFPeA	83%		20-150%
	13C5-PFHxA	85%		20-150%
	13C4-PFHpA	84%		20-150%
	13C8-PFOA	77%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	77%		20-150%
	13C7-PFUnDA	77%		20-150%
	13C2-PFDoDA	77%		20-150%
	13C2-PFTeDA	75%		20-150%
	13C3-PFBS	80%		20-150%
	13C3-PFHxS	86%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB13 (13.5-14)**Lab Sample ID:** JD58609-15A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 87.6

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	72%		20-150%
	13C8-FOSA	80%		20-150%
	d3-MeFOSA	71%		20-150%
	d5-EtFOSA	70%		20-150%
	d3-MeFOSAA	70%		20-150%
	d5-EtFOSAA	75%		20-150%
	d7-MeFOSE	73%		20-150%
	d9-EtFOSE	75%		20-150%
	13C2-4:2FTS	99%		20-150%
	13C2-6:2FTS	97%		20-150%
	13C2-8:2FTS	91%		20-150%
	13C3-HFPO-DA	83%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB13 (17-17.5)	
Lab Sample ID:	JD58609-16A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 88.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12871.D	1	02/03/23 07:00	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.90	0.56	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.45	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.18	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.18	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.17	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.90	0.45	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.90	0.45	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.90	0.68	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.23	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB13 (17-17.5)		
Lab Sample ID:	JD58609-16A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	88.3
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.23	0.18	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.3	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.3	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.90	0.33	ug/kg	
919005-14-4	ADONA	ND	0.90	0.38	ug/kg	
377-73-1	PFMPA	ND	0.45	0.23	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.23	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.90	0.49	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.90	0.45	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.23	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.57	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.6	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.6	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	83%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	86%		20-150%
	13C8-PFOA	79%		20-150%
	13C9-PFNA	82%		20-150%
	13C6-PFDA	93%		20-150%
	13C7-PFUnDA	94%		20-150%
	13C2-PFDoDA	91%		20-150%
	13C2-PFTeDA	88%		20-150%
	13C3-PFBS	78%		20-150%
	13C3-PFHxS	82%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB13 (17-17.5)**Lab Sample ID:** JD58609-16A**Date Sampled:** 01/11/23**Matrix:** SO - Soil**Date Received:** 01/12/23**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Percent Solids:** 88.3**Project:** 100 Main Street, White Plains, NY

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	75%		20-150%
	13C8-FOSA	79%		20-150%
	d3-MeFOSA	70%		20-150%
	d5-EtFOSA	74%		20-150%
	d3-MeFOSAA	74%		20-150%
	d5-EtFOSAA	77%		20-150%
	d7-MeFOSE	75%		20-150%
	d9-EtFOSE	80%		20-150%
	13C2-4:2FTS	82%		20-150%
	13C2-6:2FTS	80%		20-150%
	13C2-8:2FTS	84%		20-150%
	13C3-HFPO-DA	89%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB14 (4.5-5)	
Lab Sample ID:	JD58609-17A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 77.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12872.D	1	02/03/23 07:14	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	1.0	0.65	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.52	0.13	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.26	0.13	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.26	0.13	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.26	0.13	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.26	0.15	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.26	0.13	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.26	0.17	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.26	0.13	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.26	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.26	0.13	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.26	0.13	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.26	0.20	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.26	0.21	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.26	0.19	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.26	0.13	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.26	0.23	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.26	0.18	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.26	0.19	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.0	0.52	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.0	0.52	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.0	0.77	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.26	0.13	ug/kg	
31506-32-8	MeFOSA	ND	0.26	0.18	ug/kg	
4151-50-2	EtFOSA	ND	0.26	0.13	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

Page 2 of 3

Client Sample ID:	SB14 (4.5-5)		
Lab Sample ID:	JD58609-17A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	77.5
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.26	0.20	ug/kg	
2991-50-6	EtFOSAA	ND	0.26	0.25	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.6	1.3	ug/kg	
1691-99-2	EtFOSE	ND	2.6	1.3	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	1.0	0.37	ug/kg	
919005-14-4	ADONA	ND	1.0	0.43	ug/kg	
377-73-1	PFMPA	ND	0.52	0.26	ug/kg	
863090-89-5	PFMBA	ND	0.52	0.26	ug/kg	
151772-58-6	NFDHA	ND	0.52	0.31	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.0	0.57	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.0	0.52	ug/kg	
113507-82-7	PFEESA	ND	0.52	0.26	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.3	0.66	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.5	1.5	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.5	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	83%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	79%		20-150%
	13C9-PFNA	78%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	81%		20-150%
	13C2-PFDoDA	84%		20-150%
	13C2-PFTeDA	65%		20-150%
	13C3-PFBS	82%		20-150%
	13C3-PFHxS	82%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB14 (4.5-5)	Date Sampled:	01/11/23
Lab Sample ID:	JD58609-17A	Date Received:	01/12/23
Matrix:	SO - Soil	Percent Solids:	77.5
Method:	EPA DRAFT 1633 EPA 1633 DRAFT		
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	82%		20-150%
	13C8-FOSA	86%		20-150%
	d3-MeFOSA	75%		20-150%
	d5-EtFOSA	68%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	77%		20-150%
	d7-MeFOSE	65%		20-150%
	d9-EtFOSE	65%		20-150%
	13C2-4:2FTS	99%		20-150%
	13C2-6:2FTS	92%		20-150%
	13C2-8:2FTS	95%		20-150%
	13C3-HFPO-DA	87%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB14 (9.5-10)	
Lab Sample ID:	JD58609-18A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 80.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12873.D	1	02/03/23 07:28	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.99	0.62	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.50	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.20	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.25	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.18	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.19	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.99	0.50	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.99	0.50	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.99	0.74	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.25	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.13	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB14 (9.5-10)		
Lab Sample ID:	JD58609-18A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	80.8
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.25	0.20	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.5	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.5	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.99	0.36	ug/kg	
919005-14-4	ADONA	ND	0.99	0.42	ug/kg	
377-73-1	PFMPA	ND	0.50	0.25	ug/kg	
863090-89-5	PFMBA	ND	0.50	0.25	ug/kg	
151772-58-6	NFDHA	ND	0.50	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.99	0.54	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.99	0.50	ug/kg	
113507-82-7	PFEESA	ND	0.50	0.25	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.63	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.2	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.2	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	83%		20-150%
	13C5-PFPeA	85%		20-150%
	13C5-PFHxA	85%		20-150%
	13C4-PFHpA	82%		20-150%
	13C8-PFOA	77%		20-150%
	13C9-PFNA	86%		20-150%
	13C6-PFDA	77%		20-150%
	13C7-PFUnDA	78%		20-150%
	13C2-PFDoDA	71%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	76%		20-150%
	13C3-PFHxS	83%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB14 (9.5-10)**Lab Sample ID:** JD58609-18A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 80.8

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	73%		20-150%
	13C8-FOSA	77%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	73%		20-150%
	d5-EtFOSAA	76%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	71%		20-150%
	13C2-4:2FTS	90%		20-150%
	13C2-6:2FTS	86%		20-150%
	13C2-8:2FTS	85%		20-150%
	13C3-HFPO-DA	85%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB14 (12-12.5)	
Lab Sample ID:	JD58609-19A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 91.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12874.D	1	02/03/23 07:42	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.87	0.55	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.15	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.66	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB14 (12-12.5)		
Lab Sample ID:	JD58609-19A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	91.3
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.22	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.87	0.32	ug/kg	
919005-14-4	ADONA	ND	0.87	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.56	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	80%		20-150%
	13C5-PFPeA	84%		20-150%
	13C5-PFHxA	87%		20-150%
	13C4-PFHpA	83%		20-150%
	13C8-PFOA	81%		20-150%
	13C9-PFNA	83%		20-150%
	13C6-PFDA	79%		20-150%
	13C7-PFUnDA	79%		20-150%
	13C2-PFDoDA	78%		20-150%
	13C2-PFTeDA	66%		20-150%
	13C3-PFBS	80%		20-150%
	13C3-PFHxS	87%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SB14 (12-12.5)**Lab Sample ID:** JD58609-19A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 91.3

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	80%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	67%		20-150%
	d5-EtFOSA	63%		20-150%
	d3-MeFOSAA	79%		20-150%
	d5-EtFOSAA	79%		20-150%
	d7-MeFOSE	71%		20-150%
	d9-EtFOSE	75%		20-150%
	13C2-4:2FTS	97%		20-150%
	13C2-6:2FTS	90%		20-150%
	13C2-8:2FTS	101%		20-150%
	13C3-HFPO-DA	85%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB14 (19.5-20)	
Lab Sample ID:	JD58609-20A	Date Sampled: 01/11/23
Matrix:	SO - Soil	Date Received: 01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids: 82.6
Project:	100 Main Street, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12875.D	1	02/03/23 07:56	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.96	0.60	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.19	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.17	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.24	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.17	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.96	0.48	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.96	0.48	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.96	0.72	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.24	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.16	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB14 (19.5-20)		
Lab Sample ID:	JD58609-20A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	82.6
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.24	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.4	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.4	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.96	0.35	ug/kg	
919005-14-4	ADONA	ND	0.96	0.40	ug/kg	
377-73-1	PFMPA	ND	0.48	0.24	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.24	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.29	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.96	0.53	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.96	0.48	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.24	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.61	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.0	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.0	1.5	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	84%		20-150%
	13C5-PFPeA	90%		20-150%
	13C5-PFHxA	87%		20-150%
	13C4-PFHpA	86%		20-150%
	13C8-PFOA	88%		20-150%
	13C9-PFNA	84%		20-150%
	13C6-PFDA	87%		20-150%
	13C7-PFUnDA	90%		20-150%
	13C2-PFDoDA	82%		20-150%
	13C2-PFTeDA	74%		20-150%
	13C3-PFBS	83%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB14 (19.5-20)	Date Sampled:	01/11/23
Lab Sample ID:	JD58609-20A	Date Received:	01/12/23
Matrix:	SO - Soil	Percent Solids:	82.6
Method:	EPA DRAFT 1633 EPA 1633 DRAFT		
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	75%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	73%		20-150%
	d5-EtFOSA	67%		20-150%
	d3-MeFOSAA	86%		20-150%
	d5-EtFOSAA	76%		20-150%
	d7-MeFOSE	71%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	95%		20-150%
	13C2-6:2FTS	102%		20-150%
	13C2-8:2FTS	98%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB10 (3-3.5)	
Lab Sample ID:	JD58609-21A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 94.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12876.D	1	02/03/23 08:10	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB10 (3-3.5)		
Lab Sample ID:	JD58609-21A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	94.8
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	89%		20-150%
	13C4-PFHpA	86%		20-150%
	13C8-PFOA	96%		20-150%
	13C9-PFNA	85%		20-150%
	13C6-PFDA	88%		20-150%
	13C7-PFUnDA	86%		20-150%
	13C2-PFDoDA	80%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	82%		20-150%
	13C3-PFHxS	91%		20-150%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB10 (3-3.5)	Date Sampled:	01/11/23
Lab Sample ID:	JD58609-21A	Date Received:	01/12/23
Matrix:	SO - Soil	Percent Solids:	94.8
Method:	EPA DRAFT 1633 EPA 1633 DRAFT		
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	81%		20-150%
	13C8-FOSA	88%		20-150%
	d3-MeFOSA	73%		20-150%
	d5-EtFOSA	70%		20-150%
	d3-MeFOSAA	77%		20-150%
	d5-EtFOSAA	78%		20-150%
	d7-MeFOSE	63%		20-150%
	d9-EtFOSE	68%		20-150%
	13C2-4:2FTS	98%		20-150%
	13C2-6:2FTS	100%		20-150%
	13C2-8:2FTS	87%		20-150%
	13C3-HFPO-DA	93%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SB10 (6-6.5)	
Lab Sample ID:	JD58609-22A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 94.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12877.D	1	02/03/23 08:24	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB10 (6-6.5)		
Lab Sample ID:	JD58609-22A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	94.6
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	82%		20-150%
	13C5-PFPeA	83%		20-150%
	13C5-PFHxA	84%		20-150%
	13C4-PFHpA	82%		20-150%
	13C8-PFOA	82%		20-150%
	13C9-PFNA	83%		20-150%
	13C6-PFDA	77%		20-150%
	13C7-PFUnDA	78%		20-150%
	13C2-PFDoDA	73%		20-150%
	13C2-PFTeDA	58%		20-150%
	13C3-PFBS	73%		20-150%
	13C3-PFHxS	80%		20-150%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	SB10 (6-6.5)	Date Sampled:	01/11/23
Lab Sample ID:	JD58609-22A	Date Received:	01/12/23
Matrix:	SO - Soil	Percent Solids:	94.6
Method:	EPA DRAFT 1633 EPA 1633 DRAFT		
Project:	100 Main Street, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	78%		20-150%
	13C8-FOSA	82%		20-150%
	d3-MeFOSA	73%		20-150%
	d5-EtFOSA	63%		20-150%
	d3-MeFOSAA	77%		20-150%
	d5-EtFOSAA	81%		20-150%
	d7-MeFOSE	61%		20-150%
	d9-EtFOSE	63%		20-150%
	13C2-4:2FTS	91%		20-150%
	13C2-6:2FTS	82%		20-150%
	13C2-8:2FTS	78%		20-150%
	13C3-HFPO-DA	87%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB10 (10.5-11)	
Lab Sample ID:	JD58609-23A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 80.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12878.D	1	02/03/23 08:38	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.99	0.62	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.50	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.20	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.25	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.18	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.19	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.99	0.50	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.99	0.50	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.99	0.74	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.25	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.13	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SB10 (10.5-11)		
Lab Sample ID:	JD58609-23A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	80.9
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.25	0.20	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.5	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.5	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.99	0.36	ug/kg	
919005-14-4	ADONA	ND	0.99	0.42	ug/kg	
377-73-1	PFMPA	ND	0.50	0.25	ug/kg	
863090-89-5	PFMBA	ND	0.50	0.25	ug/kg	
151772-58-6	NFDHA	ND	0.50	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.99	0.54	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.99	0.50	ug/kg	
113507-82-7	PFEESA	ND	0.50	0.25	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.63	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.2	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.2	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	80%		20-150%
	13C5-PFPeA	82%		20-150%
	13C5-PFHxA	80%		20-150%
	13C4-PFHpA	84%		20-150%
	13C8-PFOA	80%		20-150%
	13C9-PFNA	77%		20-150%
	13C6-PFDA	72%		20-150%
	13C7-PFUnDA	73%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	75%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID: SB10 (10.5-11)**Lab Sample ID:** JD58609-23A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 80.9

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	80%		20-150%
	13C8-FOSA	78%		20-150%
	d3-MeFOSA	64%		20-150%
	d5-EtFOSA	58%		20-150%
	d3-MeFOSAA	79%		20-150%
	d5-EtFOSAA	82%		20-150%
	d7-MeFOSE	64%		20-150%
	d9-EtFOSE	63%		20-150%
	13C2-4:2FTS	89%		20-150%
	13C2-6:2FTS	81%		20-150%
	13C2-8:2FTS	80%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SB10 (18-18.5)	
Lab Sample ID:	JD58609-24A	
Matrix:	SO - Soil	Date Sampled: 01/11/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Date Received: 01/12/23
Project:	100 Main Street, White Plains, NY	Percent Solids: 81.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6Q12879.D	1	02/03/23 08:52	AFL	01/17/23 10:00	F:OP95013	F:S6Q197
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROALKYL CARBOXYLIC ACIDS

375-22-4	Perfluorobutanoic acid	ND	0.98	0.61	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.49	0.12	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.12	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.12	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.14	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.12	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.16	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.12	ug/kg	

PERFLUOROALKYL SULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.12	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.19	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.20	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.18	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.40	0.25	0.12	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.22	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.18	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.18	ug/kg	

FLUOROTELOMER SULFONIC ACIDS

757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.98	0.49	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.98	0.49	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.98	0.74	ug/kg	

PERFLUOROCTANE SULFONAMIDES

754-91-6	PFOSA	ND	0.25	0.12	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.17	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.12	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Report of Analysis

Page 2 of 3

Client Sample ID:	SB10 (18-18.5)		
Lab Sample ID:	JD58609-24A	Date Sampled:	01/11/23
Matrix:	SO - Soil	Date Received:	01/12/23
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	Percent Solids:	81.0
Project:	100 Main Street, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q

PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	ND	0.25	0.19	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.24	ug/kg	

PERFLUOROOCTANE SULFONAMIDO ETHANOLS

24448-09-7	MeFOSE	ND	2.5	1.2	ug/kg	
1691-99-2	EtFOSE	ND	2.5	1.2	ug/kg	

PER and POLYFLUOROETHER CARBOXYLIC ACIDS

13252-13-6	HFPO-DA (GenX)	ND	0.98	0.35	ug/kg	
919005-14-4	ADONA	ND	0.98	0.41	ug/kg	
377-73-1	PFMPA	ND	0.49	0.25	ug/kg	
863090-89-5	PFMBA	ND	0.49	0.25	ug/kg	
151772-58-6	NFDHA	ND	0.49	0.30	ug/kg	

PER and POLYFLUOROETHER SULFONIC ACIDS

756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.98	0.54	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.98	0.49	ug/kg	
113507-82-7	PFEESA	ND	0.49	0.25	ug/kg	

FLUOROTELOMER CARBOXYLIC ACIDS

356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.62	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.1	1.4	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.1	1.6	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	80%		20-150%
	13C5-PFPeA	84%		20-150%
	13C5-PFHxA	84%		20-150%
	13C4-PFHpA	83%		20-150%
	13C8-PFOA	73%		20-150%
	13C9-PFNA	75%		20-150%
	13C6-PFDA	86%		20-150%
	13C7-PFUnDA	82%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	77%		20-150%
	13C3-PFHxS	83%		20-150%

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID: SB10 (18-18.5)**Lab Sample ID:** JD58609-24A**Matrix:** SO - Soil**Method:** EPA DRAFT 1633 EPA 1633 DRAFT**Project:** 100 Main Street, White Plains, NY**Date Sampled:** 01/11/23**Date Received:** 01/12/23**Percent Solids:** 81.0

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	75%		20-150%
	13C8-FOSA	80%		20-150%
	d3-MeFOSA	69%		20-150%
	d5-EtFOSA	60%		20-150%
	d3-MeFOSAA	74%		20-150%
	d5-EtFOSAA	75%		20-150%
	d7-MeFOSE	56%		20-150%
	d9-EtFOSE	55%		20-150%
	13C2-4:2FTS	99%		20-150%
	13C2-6:2FTS	95%		20-150%
	13C2-8:2FTS	86%		20-150%
	13C3-HFPO-DA	84%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

SGS

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CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

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EHSQAQC-0023-04-FORM-Standard COC

Client / Reporting Information Company Name: SGS1 Street Address: 959 US 46E 30th Pl City: Passaic, NJ 07054 Project Contact: 765 @ sgsi.org / sgs@sgsi.org Phone #: 973 808 9050		Project Information Project Name: 100 main st. (sew) Street: 11 City: White Plains, NY Project #: 100 main st. (sew) Client Purchase Order #: 100 main st. (sew)		SGS Tracking # SGS Quote #: JD58609 Bottle Order Control #: PREM R 01523 136 SGS Job #: JD58609	
Matrix Codes DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank		Requested Analysis TOC+30/7AL 1-4 Dioxane PFAS method 1631			
Collection Field ID / Point of Collection: SB 12 (3.5-4) MEQHOI Vial #: 1 Date: 1/11/23 Time: 1435 Sampled by: JA Grab (G) / Composite (C): G Source Characterized (Y/N): N Matrix: Soil # of bottles: 4		Deliverable NYASP Category A ☐ DOO-QSMS NYASP Category B ☒ MA MCP Criteria ☐ CT RCP Criteria ☐ State Forms ☐ EDD Format ☒ Commercial "A" = Results only; Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data			
Turn Around Time (Business Days) ☐ 10 Business Days ☒ 5 Business Days ☐ 3 Business Days ☐ 2 Business Days ☐ 1 Business Day ☐ Other		Approved By (SGS PM) / Date: _____		Comments / Special Instructions 0.3x Sg Fen Loes	
Sample Custody must be documented below each time samples change possession, including courier delivery.					
Relinquished by: [Signature] Date / Time: 1/11/23 Received By: [Signature] Date / Time: 1/11/23	Relinquished by: [Signature] Date / Time: 1/11/23 Received By: [Signature] Date / Time: 1/11/23	Relinquished by: [Signature] Date / Time: 1/11/23 Received By: [Signature] Date / Time: 1/11/23	Relinquished by: [Signature] Date / Time: 1/11/23 Received By: [Signature] Date / Time: 1/11/23	Relinquished by: [Signature] Date / Time: 1/11/23 Received By: [Signature] Date / Time: 1/11/23	Relinquished by: [Signature] Date / Time: 1/11/23 Received By: [Signature] Date / Time: 1/11/23
Therm ID: 40 See Sample Receipt Summary					

3.7, 4.3, 3.6

JD58609: Chain of Custody

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CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

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EHSA-QAC-0023-04-FORM-Standard COC		FED-EX Tracking #		Bottle Order Control #	
Client / Reporting Information		SGS Quote #		SGS Job #	
Client / Reporting Information Company Name: SESI Street Address: 959 US 46E30F1 City: Parsippany NJ 07054 State: NJ Zip: 07054 Project Contact: vso@sesi.org / 9738089080 Phone #: 9738089080 Sample Name(s): Tracey Joderny Project Manager: Steve Gustons		Project Information Project Name: 100 Main St (sear) i Billing Information (if different from Report to): Renaissance Galleria Gm Street Address: Mgmt WC City: State: Zip:		Requested Analysis Matrix Codes: DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Collection Field ID / Point of Collection: 13 8B 13 (2-25) MECH/DI Vial #: 1 Date: 11/1/23 Time: 1000 Sampled by: G N Sal Grab (G) Comp (C): Source Characterized (Y/N): Matrix: # of bottles: 4 Number of preserved bottles: pH Check (Lab Use Only): LAB USE ONLY		Deliverable Commercial "A" (Level 1) Commercial "B" (Level 2) NJ Reduced (Level 3) Full Tier I (Level 4) Commercial "C" NJ DKQP NYASP Category A NYASP Category B MA MCP Criteria CT RCP Criteria State Forms EDD Format DOD-QSMS		Comments / Special Instructions	
Turn Around Time (Business Days) 10 Business Days 5 Business Days 3 Business Days* 2 Business Days* 1 Business Day* Other All data available via Lablink		Approval needed for 1-3 Business Day TAT: Approved By (SGS PM): / Date: Approval needed for 1-3 Business Day TAT:		Sample Custody must be documented below each time samples change possession, including courier delivery.	
Relinquished By: 1 [Signature] Date / Time: 11/1/23 Received By: [Signature] Date / Time: 11/2/23		Relinquished By: 2 [Signature] Date / Time: 11/2/23 Received By: [Signature] Date / Time: 11/2/23		Relinquished By: 3 [Signature] Date / Time: 11/2/23 Received By: [Signature] Date / Time: 11/2/23	
Relinquished By: 4 [Signature] Date / Time: 11/2/23 Received By: [Signature] Date / Time: 11/2/23		Relinquished By: 5 [Signature] Date / Time: 11/2/23 Received By: [Signature] Date / Time: 11/2/23		Therm ID: On ice Cooler Temp. °C	

JD58609: Chain of Custody

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SGS Sample Receipt Summary

Job Number: JD58609

Client: SESI CONSULTING ENGINEERS

Project: 100 MAIN STREET, WHITE PLAINS, NY

Date / Time Received: 1/12/2023 6:30:00 PM

Delivery Method:
Airbill #s:
Cooler Temps (Raw Measured) °C: Cooler 1: (3.7); Cooler 2: (4.3); Cooler 3: (3.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.7); Cooler 2: (4.3); Cooler 3: (3.6);

Cooler Security
Y or N
Y or N

1. Custody Seals Present: ☒ ☐	3. COC Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐	4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature
Y or N

1. Temp criteria achieved: ☒ ☐	
2. Cooler temp verification: _____	
3. Cooler media: _____	Ice (Bag)
4. No. Coolers: _____	3

Quality Control Preservation
Y or N
N/A

1. Trip Blank present / cooler: ☐ ☒ ☐	
2. Trip Blank listed on COC: ☐ ☒ ☐	
3. Samples preserved properly: ☒ ☐ ☐	
4. VOCs headspace free: ☐ ☐ ☒	

Sample Integrity - Documentation
Y or N

1. Sample labels present on bottles: ☒ ☐	
2. Container labeling complete: ☒ ☐	
3. Sample container label / COC agree: ☒ ☐	

Sample Integrity - Condition
Y or N

1. Sample recvd within HT: ☒ ☐	
2. All containers accounted for: ☒ ☐	
3. Condition of sample: _____	Intact

Sample Integrity - Instructions
Y or N
N/A

1. Analysis requested is clear: ☒ ☐	
2. Bottles received for unspecified tests: ☐ ☒	
3. Sufficient volume recvd for analysis: ☒ ☐	
4. Compositing instructions clear: ☐ ☐	☒
5. Filtering instructions clear: ☐ ☐	☒

Test Strip Lot #s:	pH 1-12: 231619	pH 12+: 203117A	Other: (Specify) _____

Comments

SM089-03
Rev. Date 12/7/17

JD58609: Chain of Custody

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Report of Analysis

Client Sample ID:	SB18(.5-1)		
Lab Sample ID:	JD58693-1	Date Sampled:	01/12/23
Matrix:	SO - Soil	Date Received:	01/13/23
Method:	SW846 8260D SW846 5035	Percent Solids:	95.2
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198162.D	1	01/17/23 13:20	PS	01/13/23 07:30	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	9.7	4.0	ug/kg	
71-43-2	Benzene	ND	0.49	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.9	1.3	ug/kg	
74-83-9	Bromomethane ^b	ND	4.9	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.52	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.45	ug/kg	
75-00-3	Chloroethane ^b	ND	4.9	0.57	ug/kg	
67-66-3	Chloroform	ND	1.9	0.50	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.54	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.82	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.46	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.44	ug/kg	
76-13-1	Freon 113	ND	4.9	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.9	2.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(.5-1)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-1	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.9	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.85	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.46	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.39	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.58	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.56	ug/kg	
108-88-3	Toluene	ND	0.97	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.54	ug/kg	
79-01-6	Trichloroethene	ND	0.97	0.74	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	4.9	0.67	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.47	ug/kg	
	m,p-Xylene	ND	0.97	0.87	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.45	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	113%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	9.1	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(.5-1)						
Lab Sample ID:	JD58693-1					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	95.2
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212237.D	1	01/18/23 21:16	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	61	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	69	22	ug/kg	
	3&4-Methylphenol	ND	69	28	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	340	92	ug/kg	
87-86-5	Pentachlorophenol	ND	140	32	ug/kg	
108-95-2	Phenol	ND	69	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	34	12	ug/kg	
208-96-8	Acenaphthylene	ND	34	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.4	ug/kg	
120-12-7	Anthracene	ND	34	21	ug/kg	
1912-24-9	Atrazine ^a	ND	69	15	ug/kg	
56-55-3	Benzo(a)anthracene	27.0	34	9.7	ug/kg	J
50-32-8	Benzo(a)pyrene ^b	29.1	34	16	ug/kg	J
205-99-2	Benzo(b)fluoranthene	27.8	34	15	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	23.5	34	17	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	34	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	8.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.7	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	8.2	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	69	5.0	ug/kg	

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(.5-1)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-1	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	14	ug/kg	
218-01-9	Chrysene	24.5	34	11	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	69	7.3	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	34	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	69	29	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	34	15	ug/kg	
132-64-9	Dibenzofuran	ND	69	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	69	5.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.5	ug/kg	
84-66-2	Diethyl phthalate	ND	69	7.3	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	8.0	ug/kg	
206-44-0	Fluoranthene	43.8	34	15	ug/kg	
86-73-7	Fluorene	ND	34	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	8.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	37.6	34	16	ug/kg	
78-59-1	Isophorone	ND	69	7.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	34	7.8	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.1	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	170	8.6	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	170	8.9	ug/kg	
91-20-3	Naphthalene	ND	34	9.7	ug/kg	
98-95-3	Nitrobenzene	ND	69	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	9.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	35.0	34	12	ug/kg	
129-00-0	Pyrene	52.7	34	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		10-99%

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Report of Analysis

Client Sample ID:	SB18(.5-1)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-1	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	29%		10-96%
118-79-6	2,4,6-Tribromophenol	40%		10-123%
4165-60-0	Nitrobenzene-d5	30%		10-109%
321-60-8	2-Fluorobiphenyl	31%		11-109%
1718-51-0	Terphenyl-d14	36%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.52	2700	ug/kg	J
57-10-3	n-Hexadecanoic acid	9.98	170	ug/kg	JN
	System Artifact	14.55	450	ug/kg	JN
	Total TIC, Semi-Volatile		620	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

(b) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(.5-1)						
Lab Sample ID:	JD58693-1					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8082A SW846 3546					Percent Solids:	95.2
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495988.D	1	01/18/23 23:22	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		10-174%
877-09-8	Tetrachloro-m-xylene	88%		10-174%
2051-24-3	Decachlorobiphenyl	70%		10-195%
2051-24-3	Decachlorobiphenyl	62%		10-195%

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J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(.5-1)**Lab Sample ID:** JD58693-1**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 95.2**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6730	53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	42.4	21	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.36	0.21	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.53	0.53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	4600	530	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	13.5	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	5.9	5.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	14.9	2.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	12200	53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	6.5	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	5600	530	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	198	1.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	< 0.032	0.032	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	10.6	4.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	2260	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.53	0.53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	18.0	5.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	33.1	5.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB18(.5-1)**Lab Sample ID:** JD58693-1**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 95.2**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.26	0.26	mg/kg	1	01/19/23 12:03	MM	SW846 9012B/LACHAT
Solids, Percent	95.2		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB18(9-9.5)						
Lab Sample ID:	JD58693-2					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	89.4
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198163.D	1	01/17/23 13:42	PS	01/13/23 07:30	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	11	4.5	ug/kg	
71-43-2	Benzene	ND	0.54	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.60	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.46	ug/kg	
75-25-2	Bromoform	ND	5.4	1.5	ug/kg	
74-83-9	Bromomethane ^b	ND	5.4	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.58	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.49	ug/kg	
75-00-3	Chloroethane ^b	ND	5.4	0.64	ug/kg	
67-66-3	Chloroform	ND	2.2	0.56	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.71	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.60	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.53	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.78	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.53	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.90	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.51	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.49	ug/kg	
76-13-1	Freon 113	ND	5.4	2.9	ug/kg	
591-78-6	2-Hexanone	ND	5.4	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(9-9.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-2	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.94	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	2.4	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.8	ug/kg	
100-42-5	Styrene	ND	2.2	0.43	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.64	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.62	ug/kg	
108-88-3	Toluene	ND	1.1	0.56	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.52	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.60	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.4	0.74	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.96	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	111%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	11	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(9-9.5)						
Lab Sample ID:	JD58693-2					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	89.4
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212238.D	1	01/18/23 21:48	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	32.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	62	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	70	22	ug/kg	
	3&4-Methylphenol	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	93	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone	ND	170	7.5	ug/kg	
120-12-7	Anthracene	ND	35	21	ug/kg	
1912-24-9	Atrazine ^a	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	27.6	35	9.9	ug/kg	J
50-32-8	Benzo(a)pyrene ^b	29.5	35	16	ug/kg	J
205-99-2	Benzo(b)fluoranthene	37.5	35	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	23.2	35	17	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	70	8.5	ug/kg	
92-52-4	1,1'-Biphenyl	ND	70	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	70	8.3	ug/kg	
106-47-8	4-Chloroaniline	ND	170	13	ug/kg	
86-74-8	Carbazole	ND	70	5.1	ug/kg	

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(9-9.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-2	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	70	14	ug/kg	
218-01-9	Chrysene	25.8	35	11	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	35	15	ug/kg	
132-64-9	Dibenzofuran	ND	70	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	70	8.2	ug/kg	
206-44-0	Fluoranthene	51.4	35	16	ug/kg	
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	36.6	35	16	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	35	7.9	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.2	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	170	8.7	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	170	9.1	ug/kg	
91-20-3	Naphthalene	ND	35	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	70	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	42.5	35	12	ug/kg	
129-00-0	Pyrene	41.1	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		10-99%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(9-9.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-2	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	35%		10-96%
118-79-6	2,4,6-Tribromophenol	53%		10-123%
4165-60-0	Nitrobenzene-d5	36%		10-109%
321-60-8	2-Fluorobiphenyl	38%		11-109%
1718-51-0	Terphenyl-d14	48%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	580	ug/kg	J
	System Artifact	14.55	450	ug/kg	JN
	Total TIC, Semi-Volatile		450	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

(b) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(9-9.5)						
Lab Sample ID:	JD58693-2					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8082A SW846 3546					Percent Solids:	89.4
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495989.D	1	01/18/23 23:39	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	23	ug/kg	
53469-21-9	Aroclor 1242	ND	35	15	ug/kg	
12672-29-6	Aroclor 1248	ND	35	32	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		10-174%
877-09-8	Tetrachloro-m-xylene	95%		10-174%
2051-24-3	Decachlorobiphenyl	77%		10-195%
2051-24-3	Decachlorobiphenyl	73%		10-195%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(9-9.5)**Lab Sample ID:** JD58693-2**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 89.4**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7500	53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	51.9	21	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.35	0.21	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.53	0.53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	5350	530	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	15.4	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	5.7	5.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	13.6	2.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	13300	53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	11.6	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	5330	530	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	170	1.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	< 0.033	0.033	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	11.6	4.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	1840	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.53	0.53	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	19.7	5.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	35.3	5.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID:	SB18(9-9.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-2	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.24	0.24	mg/kg	1	01/19/23 12:03	MM	SW846 9012B/LACHAT
Solids, Percent	89.4		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB18(12-12.5)						
Lab Sample ID:	JD58693-3					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	89.2
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198164.D	1	01/17/23 14:05	PS	01/13/23 07:30	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	11	4.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.63	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.6	1.5	ug/kg	
74-83-9	Bromomethane ^b	ND	5.6	0.86	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.60	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.51	ug/kg	
75-00-3	Chloroethane ^b	ND	5.6	0.66	ug/kg	
67-66-3	Chloroform	ND	2.2	0.58	ug/kg	
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.74	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.78	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.63	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.61	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.56	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.82	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.55	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.94	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.53	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.51	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.51	ug/kg	
76-13-1	Freon 113	ND	5.6	3.0	ug/kg	
591-78-6	2-Hexanone	ND	5.6	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-3	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.2
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.6	ug/kg	
79-20-9	Methyl Acetate	ND	5.6	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.53	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.9	ug/kg	
100-42-5	Styrene	ND	2.2	0.45	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.67	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.65	ug/kg	
108-88-3	Toluene	ND	1.1	0.59	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.54	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.62	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.85	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.6	0.77	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.54	ug/kg	
	m,p-Xylene	ND	1.1	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.51	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.51	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	112%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	11	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(12-12.5)						
Lab Sample ID:	JD58693-3					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	89.2
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212239.D	1	01/18/23 22:20	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	ND	73	30	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	98	ug/kg	
87-86-5	Pentachlorophenol	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	ND	37	13	ug/kg	
208-96-8	Acenaphthylene	ND	37	19	ug/kg	
98-86-2	Acetophenone	ND	180	7.9	ug/kg	
120-12-7	Anthracene	ND	37	22	ug/kg	
1912-24-9	Atrazine ^a	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	ND	37	10	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	9.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	73	5.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-3	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	14	ug/kg	
218-01-9	Chrysene	ND	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	37	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	73	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	37	16	ug/kg	
132-64-9	Dibenzofuran	ND	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	73	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	73	8.6	ug/kg	
206-44-0	Fluoranthene	ND	37	16	ug/kg	
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	37	17	ug/kg	
78-59-1	Isophorone	ND	73	7.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	37	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.6	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	180	9.2	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	180	9.5	ug/kg	
91-20-3	Naphthalene	ND	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	ND	37	12	ug/kg	
129-00-0	Pyrene	ND	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		10-99%

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RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-3	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	46%		10-96%
118-79-6	2,4,6-Tribromophenol	67%		10-123%
4165-60-0	Nitrobenzene-d5	45%		10-109%
321-60-8	2-Fluorobiphenyl	50%		11-109%
1718-51-0	Terphenyl-d14	63%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	450	ug/kg	J
	System Artifact	14.55	420	ug/kg	JN
	Total TIC, Semi-Volatile		420	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(12-12.5) Lab Sample ID: JD58693-3 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 89.2			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495994.D	1	01/19/23 01:05	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.1 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	17	ug/kg	
11104-28-2	Aroclor 1221	ND	37	23	ug/kg	
11141-16-5	Aroclor 1232	ND	37	24	ug/kg	
53469-21-9	Aroclor 1242	ND	37	15	ug/kg	
12672-29-6	Aroclor 1248	ND	37	33	ug/kg	
11097-69-1	Aroclor 1254	ND	37	20	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	16	ug/kg	
37324-23-5	Aroclor 1262	ND	37	24	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	134%		10-174%		
877-09-8	Tetrachloro-m-xylene	136%		10-174%		
2051-24-3	Decachlorobiphenyl	119%		10-195%		
2051-24-3	Decachlorobiphenyl	118%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(12-12.5)**Lab Sample ID:** JD58693-3**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 89.2**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	9350	54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	43.4	22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.48	0.22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	0.59	0.54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	3050	540	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	18.4	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	< 5.4	5.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	7.8	2.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	10200	54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	8.3	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	3380	540	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	140	1.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	< 0.032	0.032	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	10.1	4.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.54	0.54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	15.4	5.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	27.3	5.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB18(12-12.5)**Lab Sample ID:** JD58693-3**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 89.2**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.24	0.24	mg/kg	1	01/19/23 12:06	MM	SW846 9012B/LACHAT
Solids, Percent	89.2		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB18(17.5-18)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-4	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198177.D	1	01/17/23 18:52	PS	01/13/23 07:30	n/a	VY8679
Run #2							

	Initial Weight
Run #1	6.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	10	4.2	ug/kg	
71-43-2	Benzene	ND	0.51	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.57	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.1	1.4	ug/kg	
74-83-9	Bromomethane ^b	ND	5.1	0.78	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.55	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.63	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.47	ug/kg	
75-00-3	Chloroethane ^b	ND	5.1	0.60	ug/kg	
67-66-3	Chloroform	ND	2.0	0.53	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.67	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.71	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.57	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.56	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.74	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.51	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.86	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.62	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.48	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.49	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.47	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.46	ug/kg	
76-13-1	Freon 113	ND	5.1	2.7	ug/kg	
591-78-6	2-Hexanone	ND	5.1	2.2	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(17.5-18)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-4	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.1	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.89	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.48	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.7	ug/kg	
100-42-5	Styrene	ND	2.0	0.41	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.61	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.59	ug/kg	
108-88-3	Toluene	ND	1.0	0.54	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.49	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.57	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.78	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.1	0.70	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.92	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.47	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	110%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	12	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(17.5-18)						
Lab Sample ID:	JD58693-4					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	76.5
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212240.D	1	01/18/23 22:49	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	86	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	37	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	77	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	210	46	ug/kg	
95-48-7	2-Methylphenol	ND	86	27	ug/kg	
	3&4-Methylphenol	ND	86	35	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	430	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	40	ug/kg	
108-95-2	Phenol	ND	86	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	32	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	26	ug/kg	
83-32-9	Acenaphthene	ND	43	15	ug/kg	
208-96-8	Acenaphthylene	ND	43	22	ug/kg	
98-86-2	Acetophenone	ND	210	9.2	ug/kg	
120-12-7	Anthracene	ND	43	26	ug/kg	
1912-24-9	Atrazine ^a	ND	86	18	ug/kg	
56-55-3	Benzo(a)anthracene	ND	43	12	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	43	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	43	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	43	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	43	20	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	86	17	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	86	10	ug/kg	
92-52-4	1,1'-Biphenyl	ND	86	5.9	ug/kg	
100-52-7	Benzaldehyde	ND	210	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	86	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	ND	86	6.2	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(17.5-18)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-4	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	86	17	ug/kg	
218-01-9	Chrysene	ND	43	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	86	9.2	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	86	19	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	86	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	86	14	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	43	13	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	43	22	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	86	36	ug/kg	
123-91-1	1,4-Dioxane	ND	43	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	43	19	ug/kg	
132-64-9	Dibenzofuran	ND	86	18	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	86	7.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	86	11	ug/kg	
84-66-2	Diethyl phthalate	ND	86	9.2	ug/kg	
131-11-3	Dimethyl phthalate	ND	86	7.7	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	86	10	ug/kg	
206-44-0	Fluoranthene	ND	43	19	ug/kg	
86-73-7	Fluorene	ND	43	20	ug/kg	
118-74-1	Hexachlorobenzene	ND	86	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	43	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	430	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	43	20	ug/kg	
78-59-1	Isophorone	ND	86	9.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	43	9.7	ug/kg	
88-74-4	2-Nitroaniline	ND	210	10	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	210	11	ug/kg	
91-20-3	Naphthalene	ND	43	12	ug/kg	
98-95-3	Nitrobenzene	ND	86	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	86	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	16	ug/kg	
85-01-8	Phenanthrene	ND	43	14	ug/kg	
129-00-0	Pyrene	ND	43	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(17.5-18)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-4	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	63%		10-96%
118-79-6	2,4,6-Tribromophenol	91%		10-123%
4165-60-0	Nitrobenzene-d5	67%		10-109%
321-60-8	2-Fluorobiphenyl	66%		11-109%
1718-51-0	Terphenyl-d14	78%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	570	ug/kg	J
57-10-3	n-Hexadecanoic acid	9.98	180	ug/kg	JN
	System Artifact	14.55	410	ug/kg	JN
	Total TIC, Semi-Volatile		590	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(17.5-18) Lab Sample ID: JD58693-4 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 76.5			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495995.D	1	01/19/23 01:22	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.9 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	41	19	ug/kg	
11104-28-2	Aroclor 1221	ND	41	25	ug/kg	
11141-16-5	Aroclor 1232	ND	41	26	ug/kg	
53469-21-9	Aroclor 1242	ND	41	17	ug/kg	
12672-29-6	Aroclor 1248	ND	41	37	ug/kg	
11097-69-1	Aroclor 1254	ND	41	22	ug/kg	
11096-82-5	Aroclor 1260	ND	41	18	ug/kg	
11100-14-4	Aroclor 1268	ND	41	17	ug/kg	
37324-23-5	Aroclor 1262	ND	41	27	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	90%		10-174%		
877-09-8	Tetrachloro-m-xylene	93%		10-174%		
2051-24-3	Decachlorobiphenyl	75%		10-195%		
2051-24-3	Decachlorobiphenyl	76%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(17.5-18)**Lab Sample ID:** JD58693-4**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 76.5**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7820	66	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Antimony	< 2.6	2.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Arsenic	< 2.6	2.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Barium	69.6	26	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Beryllium	0.42	0.26	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Cadmium	< 0.66	0.66	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Calcium	21300	660	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Chromium	18.0	1.3	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Cobalt	7.0	6.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Copper	18.6	3.3	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Iron	15700	66	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Lead	3.3	2.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Magnesium	13200	660	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Manganese	209	2.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Mercury	< 0.037	0.037	mg/kg	1	01/17/23	01/17/23	LM	SW846 7471B ¹ SW846 7471B ⁴
Nickel	13.8	5.3	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Potassium	3480	1300	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Selenium	< 2.6	2.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Silver	< 0.66	0.66	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Sodium	< 1300	1300	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Thallium	< 1.3	1.3	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Vanadium	24.3	6.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Zinc	37.9	6.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID:	SB18(17.5-18)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-4	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	76.5
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.33	0.33	mg/kg	1	01/19/23 12:07	MM	SW846 9012B/LACHAT
Solids, Percent	76.5		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB17(3-3.5)						
Lab Sample ID:	JD58693-5					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	92.0
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198178.D	1	01/17/23 19:14	PS	01/13/23 07:30	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	11	4.5	ug/kg	
71-43-2	Benzene	ND	0.54	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.61	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.47	ug/kg	
75-25-2	Bromoform	ND	5.4	1.5	ug/kg	
74-83-9	Bromomethane ^b	ND	5.4	0.83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.58	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.50	ug/kg	
75-00-3	Chloroethane ^b	ND	5.4	0.64	ug/kg	
67-66-3	Chloroform	ND	2.2	0.56	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.71	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.61	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.54	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.54	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.54	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.91	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.52	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.49	ug/kg	
76-13-1	Freon 113	ND	5.4	2.9	ug/kg	
591-78-6	2-Hexanone	ND	5.4	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(3-3.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-5	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.95	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.51	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.8	ug/kg	
100-42-5	Styrene	ND	2.2	0.44	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.65	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.63	ug/kg	
108-88-3	Toluene	ND	1.1	0.57	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.60	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.83	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.4	0.74	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.97	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	113%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	12	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(3-3.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-5	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212241.D	1	01/18/23 23:16	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	62	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	69	22	ug/kg	
	3&4-Methylphenol	ND	69	28	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	92	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	69	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone	ND	170	7.4	ug/kg	
120-12-7	Anthracene	ND	35	21	ug/kg	
1912-24-9	Atrazine ^a	ND	69	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	35	9.8	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	35	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	35	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	8.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.7	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	8.2	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	69	5.0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(3-3.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-5	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	14	ug/kg	
218-01-9	Chrysene	ND	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	7.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	35	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	69	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	35	15	ug/kg	
132-64-9	Dibenzofuran	ND	69	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	69	5.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.6	ug/kg	
84-66-2	Diethyl phthalate	ND	69	7.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	8.1	ug/kg	
206-44-0	Fluoranthene	ND	35	15	ug/kg	
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	8.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	35	16	ug/kg	
78-59-1	Isophorone	ND	69	7.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	35	7.8	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.2	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	170	8.7	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	170	9.0	ug/kg	
91-20-3	Naphthalene	ND	35	9.8	ug/kg	
98-95-3	Nitrobenzene	ND	69	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	ND	35	12	ug/kg	
129-00-0	Pyrene	ND	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(3-3.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-5	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	38%		10-96%
118-79-6	2,4,6-Tribromophenol	51%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	40%		11-109%
1718-51-0	Terphenyl-d14	48%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	460	ug/kg	J
	System Artifact	14.54	310	ug/kg	JN
	Total TIC, Semi-Volatile		310	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB17(3-3.5) Lab Sample ID: JD58693-5 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 92.0			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495996.D	1	01/19/23 01:39	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.2 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	19	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	15	ug/kg	
37324-23-5	Aroclor 1262	ND	36	23	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	104%		10-174%		
877-09-8	Tetrachloro-m-xylene	106%		10-174%		
2051-24-3	Decachlorobiphenyl	95%		10-195%		
2051-24-3	Decachlorobiphenyl	93%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(3-3.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-5	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.0
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7270	54	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Antimony	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Arsenic	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Barium	62.5	22	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Beryllium	0.37	0.22	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Cadmium	< 0.54	0.54	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Calcium	23700	1100	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Chromium	15.0	1.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Cobalt	6.5	5.4	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Copper	15.2	2.7	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Iron	13700	54	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Lead	3.5	2.2	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Magnesium	14000	540	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Manganese	189	1.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Mercury	< 0.033	0.033	mg/kg	1	01/17/23	01/17/23	LM	SW846 7471B ¹ SW846 7471B ⁵
Nickel	12.1	4.3	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Potassium	3030	1100	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Selenium	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Silver	< 0.54	0.54	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Vanadium	20.8	5.4	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Zinc	35.2	5.4	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53609

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB17(3-3.5)**Lab Sample ID:** JD58693-5**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 92.0**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.28	0.28	mg/kg	1	01/19/23 12:08	MM	SW846 9012B/LACHAT
Solids, Percent	92		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB17(7.5-8)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-6	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.1
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198179.D	1	01/17/23 19:36	PS	01/13/23 08:00	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	11	4.7	ug/kg	
71-43-2	Benzene	ND	0.56	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.63	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.48	ug/kg	
75-25-2	Bromoform	ND	5.6	1.5	ug/kg	
74-83-9	Bromomethane ^b	ND	5.6	0.86	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.60	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.70	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.52	ug/kg	
75-00-3	Chloroethane ^b	ND	5.6	0.67	ug/kg	
67-66-3	Chloroform	ND	2.3	0.59	ug/kg	
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.74	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.78	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.63	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.62	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.56	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.56	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.82	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.56	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.74	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.95	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.69	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.54	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.52	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.51	ug/kg	
76-13-1	Freon 113	ND	5.6	3.0	ug/kg	
591-78-6	2-Hexanone	ND	5.6	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(7.5-8)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-6	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.1
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	1.6	ug/kg	
79-20-9	Methyl Acetate	ND	5.6	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.53	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	2.6	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.9	ug/kg	
100-42-5	Styrene	ND	2.3	0.45	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.68	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.65	ug/kg	
108-88-3	Toluene	ND	1.1	0.59	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.54	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.62	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.86	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.6	0.77	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.54	ug/kg	
	m,p-Xylene	ND	1.1	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.52	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	110%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	12	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(7.5-8)						
Lab Sample ID:	JD58693-6					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	82.1
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212242.D	1	01/18/23 23:44	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	79	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	70	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	79	25	ug/kg	
	3&4-Methylphenol	ND	79	33	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	37	ug/kg	
108-95-2	Phenol	ND	79	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	40	14	ug/kg	
208-96-8	Acenaphthylene	ND	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.5	ug/kg	
120-12-7	Anthracene	ND	40	24	ug/kg	
1912-24-9	Atrazine ^a	ND	79	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	40	11	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	40	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	79	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	79	9.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	79	5.4	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	79	9.4	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	79	5.7	ug/kg	

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(7.5-8)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-6	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.1
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	79	16	ug/kg	
218-01-9	Chrysene	ND	40	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	79	8.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	79	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	79	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	79	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	79	33	ug/kg	
123-91-1	1,4-Dioxane	ND	40	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	40	17	ug/kg	
132-64-9	Dibenzofuran	ND	79	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	79	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	79	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	79	8.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	79	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	79	9.3	ug/kg	
206-44-0	Fluoranthene	ND	40	18	ug/kg	
86-73-7	Fluorene	ND	40	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	79	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	79	8.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	40	8.9	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.3	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	9.9	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	79	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	79	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	ND	40	13	ug/kg	
129-00-0	Pyrene	ND	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		10-99%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(7.5-8)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-6	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.1
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	49%		10-96%
118-79-6	2,4,6-Tribromophenol	69%		10-123%
4165-60-0	Nitrobenzene-d5	53%		10-109%
321-60-8	2-Fluorobiphenyl	54%		11-109%
1718-51-0	Terphenyl-d14	62%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	540	ug/kg	J
	System Artifact	14.55	340	ug/kg	JN
	Total TIC, Semi-Volatile		340	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(7.5-8)						
Lab Sample ID:	JD58693-6				Date Sampled:	01/12/23	
Matrix:	SO - Soil				Date Received:	01/13/23	
Method:	SW846 8082A SW846 3546				Percent Solids:	82.1	
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495997.D	1	01/19/23 01:56	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	34	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	16	ug/kg	
11100-14-4	Aroclor 1268	ND	39	16	ug/kg	
37324-23-5	Aroclor 1262	ND	39	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		10-174%
877-09-8	Tetrachloro-m-xylene	85%		10-174%
2051-24-3	Decachlorobiphenyl	77%		10-195%
2051-24-3	Decachlorobiphenyl	74%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB17(7.5-8)**Lab Sample ID:** JD58693-6**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 82.1**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6950	62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	44.5	25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.36	0.25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.62	0.62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	2630	620	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	14.6	1.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	< 6.2	6.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	15.8	3.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	13500	62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	2.9	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	3950	620	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	220	1.8	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	< 0.032	0.032	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	11.8	4.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	1800	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.62	0.62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1200	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.2	1.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	19.7	6.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	27.2	6.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB17(7.5-8)**Lab Sample ID:** JD58693-6**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 82.1**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.30	0.30	mg/kg	1	01/19/23 12:09	MM	SW846 9012B/LACHAT
Solids, Percent	82.1		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB17(13.5-14)						
Lab Sample ID:	JD58693-7					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	79.9
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198180.D	1	01/17/23 19:58	PS	01/13/23 08:00	n/a	VY8679
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	14	5.8	ug/kg	
71-43-2	Benzene	ND	0.70	0.63	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	0.78	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	0.60	ug/kg	
75-25-2	Bromoform	ND	7.0	1.9	ug/kg	
74-83-9	Bromomethane ^b	ND	7.0	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	3.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.8	0.74	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.8	0.86	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	0.64	ug/kg	
75-00-3	Chloroethane ^b	ND	7.0	0.82	ug/kg	
67-66-3	Chloroform	ND	2.8	0.72	ug/kg	
74-87-3	Chloromethane	ND	7.0	2.7	ug/kg	
110-82-7	Cyclohexane	ND	2.8	0.91	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	0.78	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.59	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.76	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.69	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.69	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.69	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.65	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.91	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.85	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	0.66	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	0.66	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	0.64	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.63	ug/kg	
76-13-1	Freon 113	ND	7.0	3.7	ug/kg	
591-78-6	2-Hexanone	ND	7.0	2.9	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(13.5-14)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-7	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.8	2.0	ug/kg	
79-20-9	Methyl Acetate	ND	7.0	1.9	ug/kg	
108-87-2	Methylcyclohexane	ND	2.8	1.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.65	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.0	3.2	ug/kg	
75-09-2	Methylene chloride	ND	7.0	3.6	ug/kg	
100-42-5	Styrene	ND	2.8	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	0.83	ug/kg	
127-18-4	Tetrachloroethene	ND	2.8	0.81	ug/kg	
108-88-3	Toluene	ND	1.4	0.73	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	3.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	3.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	0.67	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	0.77	ug/kg	
79-01-6	Trichloroethene	ND	1.4	1.1	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	7.0	0.95	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	0.67	ug/kg	
	m,p-Xylene	ND	1.4	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.64	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	110%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	32	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(13.5-14)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-7	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212243.D	1	01/19/23 00:11	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	82	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	73	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	44	ug/kg	
95-48-7	2-Methylphenol	ND	82	26	ug/kg	
	3&4-Methylphenol	ND	82	34	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	27	ug/kg	
100-02-7	4-Nitrophenol	ND	410	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	82	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	200	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	31	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	41	14	ug/kg	
208-96-8	Acenaphthylene	ND	41	21	ug/kg	
98-86-2	Acetophenone	ND	200	8.8	ug/kg	
120-12-7	Anthracene	ND	41	25	ug/kg	
1912-24-9	Atrazine ^a	ND	82	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	41	12	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	41	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	41	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	41	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	41	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	82	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	82	9.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	82	5.6	ug/kg	
100-52-7	Benzaldehyde	ND	200	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	82	9.7	ug/kg	
106-47-8	4-Chloroaniline	ND	200	15	ug/kg	
86-74-8	Carbazole	ND	82	5.9	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(13.5-14)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-7	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	82	16	ug/kg	
218-01-9	Chrysene	ND	41	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	82	8.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	82	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	82	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	82	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	41	13	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	41	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	82	34	ug/kg	
123-91-1	1,4-Dioxane	ND	41	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	41	18	ug/kg	
132-64-9	Dibenzofuran	ND	82	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	82	6.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	82	10	ug/kg	
84-66-2	Diethyl phthalate	ND	82	8.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	82	7.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	82	9.5	ug/kg	
206-44-0	Fluoranthene	ND	41	18	ug/kg	
86-73-7	Fluorene	ND	41	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	82	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	41	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	410	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	41	19	ug/kg	
78-59-1	Isophorone	ND	82	8.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	41	9.2	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.6	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	200	11	ug/kg	
91-20-3	Naphthalene	ND	41	11	ug/kg	
98-95-3	Nitrobenzene	ND	82	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	82	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	ND	41	14	ug/kg	
129-00-0	Pyrene	ND	41	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(13.5-14)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-7	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	28%		10-96%
118-79-6	2,4,6-Tribromophenol	40%		10-123%
4165-60-0	Nitrobenzene-d5	30%		10-109%
321-60-8	2-Fluorobiphenyl	29%		11-109%
1718-51-0	Terphenyl-d14	35%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	390	ug/kg	J
	System Artifact	14.55	320	ug/kg	JN
	Total TIC, Semi-Volatile		320	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(13.5-14)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-7	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8082A SW846 3546		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495998.D	1	01/19/23 02:13	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	17	ug/kg	
37324-23-5	Aroclor 1262	ND	39	26	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	113%		10-174%
877-09-8	Tetrachloro-m-xylene	117%		10-174%
2051-24-3	Decachlorobiphenyl	103%		10-195%
2051-24-3	Decachlorobiphenyl	102%		10-195%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB17(13.5-14)**Lab Sample ID:** JD58693-7**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 79.9**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	13700	63	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Antimony ^a	< 5.0	5.0	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Arsenic	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Barium	139	25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Beryllium ^a	0.73	0.50	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Cadmium	< 0.63	0.63	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Calcium	2600	630	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Chromium	28.4	1.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cobalt	10.7	6.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Copper	23.3	3.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Iron	23700	63	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Lead	5.0	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Magnesium	8540	630	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Manganese	383	1.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Mercury	< 0.036	0.036	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	21.8	5.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Potassium	5890	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Selenium	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Silver ^a	1.5	1.3	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Sodium	< 1300	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Thallium ^a	< 2.5	2.5	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Vanadium	38.1	6.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Zinc	61.1	6.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53609

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37465

(a) Elevated detection limit due to dilution required for high interfering element.

Report of Analysis

Page 1 of 1

Client Sample ID: SB17(13.5-14)**Lab Sample ID:** JD58693-7**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 79.9**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.34	0.34	mg/kg	1	01/19/23 12:10	MM	SW846 9012B/LACHAT
Solids, Percent	79.9		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB17(16-16.5)						
Lab Sample ID:	JD58693-8					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	80.3
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198181.D	1	01/17/23 20:21	PS	01/13/23 08:00	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	11	4.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.60	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.4	1.5	ug/kg	
74-83-9	Bromomethane ^b	ND	5.4	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.57	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.49	ug/kg	
75-00-3	Chloroethane ^b	ND	5.4	0.63	ug/kg	
67-66-3	Chloroform	ND	2.1	0.56	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.71	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.60	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.53	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.78	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.53	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.90	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.51	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.49	ug/kg	
76-13-1	Freon 113	ND	5.4	2.9	ug/kg	
591-78-6	2-Hexanone	ND	5.4	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(16-16.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-8	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.3
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.94	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	2.4	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.8	ug/kg	
100-42-5	Styrene	ND	2.1	0.43	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.64	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.62	ug/kg	
108-88-3	Toluene	ND	1.1	0.56	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.52	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.59	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.4	0.73	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.96	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	106%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	12	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(16-16.5)						
Lab Sample ID:	JD58693-8					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	80.3
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212270.D	2	01/19/23 14:07	KH	01/18/23 09:00	OP44224	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	420	51	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	420	71	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	420	150	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	420	310	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	420	89	ug/kg	
95-48-7	2-Methylphenol	ND	170	53	ug/kg	
	3&4-Methylphenol	ND	170	68	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	420	55	ug/kg	
100-02-7	4-Nitrophenol	ND	830	220	ug/kg	
87-86-5	Pentachlorophenol	ND	330	78	ug/kg	
108-95-2	Phenol	ND	170	43	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	420	55	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^a	ND	420	62	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	420	49	ug/kg	
83-32-9	Acenaphthene	ND	83	29	ug/kg	
208-96-8	Acenaphthylene	ND	83	42	ug/kg	
98-86-2	Acetophenone	ND	420	18	ug/kg	
120-12-7	Anthracene	ND	83	51	ug/kg	
1912-24-9	Atrazine ^a	ND	170	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	83	23	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	83	38	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	83	37	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^a	ND	83	42	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	83	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	32	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	170	20	ug/kg	
92-52-4	1,1'-Biphenyl	ND	170	11	ug/kg	
100-52-7	Benzaldehyde	ND	420	21	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	20	ug/kg	
106-47-8	4-Chloroaniline	ND	420	30	ug/kg	
86-74-8	Carbazole	ND	170	12	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(16-16.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-8	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.3
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	83	26	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	18	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	36	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	170	30	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	27	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	83	26	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	83	42	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	170	69	ug/kg	
123-91-1	1,4-Dioxane	ND	83	55	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	83	37	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	170	14	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	170	21	ug/kg	
84-66-2	Diethyl phthalate	ND	170	18	ug/kg	
131-11-3	Dimethyl phthalate	ND	170	15	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	170	19	ug/kg	
206-44-0	Fluoranthene	ND	83	37	ug/kg	
86-73-7	Fluorene	ND	83	38	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	83	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	830	33	ug/kg	
67-72-1	Hexachloroethane	ND	420	41	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^a	ND	83	39	ug/kg	
78-59-1	Isophorone	ND	170	18	ug/kg	
91-57-6	2-Methylnaphthalene	ND	83	19	ug/kg	
88-74-4	2-Nitroaniline	ND	420	20	ug/kg	
99-09-2	3-Nitroaniline	ND	420	21	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	420	22	ug/kg	
91-20-3	Naphthalene	ND	83	23	ug/kg	
98-95-3	Nitrobenzene	ND	170	32	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	24	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	420	30	ug/kg	
85-01-8	Phenanthrene	ND	83	28	ug/kg	
129-00-0	Pyrene	ND	83	27	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	420	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		10-99%

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(16-16.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-8	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.3
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	57%		10-96%
118-79-6	2,4,6-Tribromophenol	80%		10-123%
4165-60-0	Nitrobenzene-d5	63%		10-109%
321-60-8	2-Fluorobiphenyl	65%		11-109%
1718-51-0	Terphenyl-d14	70%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	2.78	510	ug/kg	J
	unknown	3.16	4500	ug/kg	J
	system artifact/aldol-condensation	3.50	1600	ug/kg	J
	System Artifact	14.53	540	ug/kg	JN
	Total TIC, Semi-Volatile		5550	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(16-16.5)						
Lab Sample ID:	JD58693-8				Date Sampled:	01/12/23	
Matrix:	SO - Soil				Date Received:	01/13/23	
Method:	SW846 8082A SW846 3546				Percent Solids:	80.3	
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2495999.D	1	01/19/23 02:31	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	34	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	16	ug/kg	
11100-14-4	Aroclor 1268	ND	39	16	ug/kg	
37324-23-5	Aroclor 1262	ND	39	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		10-174%
877-09-8	Tetrachloro-m-xylene	91%		10-174%
2051-24-3	Decachlorobiphenyl	86%		10-195%
2051-24-3	Decachlorobiphenyl	84%		10-195%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB17(16-16.5)**Lab Sample ID:** JD58693-8**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 80.3**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6840	64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.6	2.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.6	2.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	63.3	26	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.36	0.26	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.64	0.64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	20900	640	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	15.7	1.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	6.4	6.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	15.7	3.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	13600	64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	2.8	2.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	12600	640	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	166	1.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	< 0.035	0.035	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	12.7	5.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	2890	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.6	2.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.64	0.64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1300	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.3	1.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	20.4	6.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	34.1	6.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB17(16-16.5)**Lab Sample ID:** JD58693-8**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 80.3**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.30	0.30	mg/kg	1	01/19/23 12:11	MM	SW846 9012B/LACHAT
Solids, Percent	80.3		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB16(3.5-4)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-9	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	94.2
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198182.D	1	01/17/23 20:43	PS	01/13/23 08:00	n/a	VY8679
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	11	4.5	ug/kg	
71-43-2	Benzene	ND	0.54	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.61	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.46	ug/kg	
75-25-2	Bromoform	ND	5.4	1.5	ug/kg	
74-83-9	Bromomethane ^b	ND	5.4	0.83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.58	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.50	ug/kg	
75-00-3	Chloroethane ^b	ND	5.4	0.64	ug/kg	
67-66-3	Chloroform	ND	2.2	0.56	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.71	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.61	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.54	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.54	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.54	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.91	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.51	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.49	ug/kg	
76-13-1	Freon 113	ND	5.4	2.9	ug/kg	
591-78-6	2-Hexanone	ND	5.4	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(3.5-4)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-9	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	94.2
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.95	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.51	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.8	ug/kg	
100-42-5	Styrene	ND	2.2	0.44	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.65	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.63	ug/kg	
108-88-3	Toluene	ND	1.1	0.57	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.52	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.60	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.83	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.4	0.74	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.97	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%
17060-07-0	1,2-Dichloroethane-D4	111%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	11	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(3.5-4)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-9	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	94.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212245.D	1	01/19/23 01:05	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	61	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	69	22	ug/kg	
	3&4-Methylphenol	ND	69	28	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	340	92	ug/kg	
87-86-5	Pentachlorophenol	ND	140	32	ug/kg	
108-95-2	Phenol	ND	69	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	ND	34	12	ug/kg	
208-96-8	Acenaphthylene	ND	34	18	ug/kg	
98-86-2	Acetophenone	ND	170	7.4	ug/kg	
120-12-7	Anthracene	ND	34	21	ug/kg	
1912-24-9	Atrazine ^a	ND	69	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	9.8	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	34	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	8.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.7	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	8.2	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	69	5.0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(3.5-4)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-9	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	94.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	14	ug/kg	
218-01-9	Chrysene	ND	34	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	7.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	34	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	69	29	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	34	15	ug/kg	
132-64-9	Dibenzofuran	ND	69	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	69	5.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.6	ug/kg	
84-66-2	Diethyl phthalate	ND	69	7.3	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	8.1	ug/kg	
206-44-0	Fluoranthene	ND	34	15	ug/kg	
86-73-7	Fluorene	ND	34	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	8.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	16	ug/kg	
78-59-1	Isophorone	ND	69	7.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	34	7.8	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.1	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	170	8.6	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	170	8.9	ug/kg	
91-20-3	Naphthalene	ND	34	9.7	ug/kg	
98-95-3	Nitrobenzene	ND	69	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	ND	34	12	ug/kg	
129-00-0	Pyrene	ND	34	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(3.5-4)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-9	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	94.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	31%		10-96%
118-79-6	2,4,6-Tribromophenol	40%		10-123%
4165-60-0	Nitrobenzene-d5	31%		10-109%
321-60-8	2-Fluorobiphenyl	34%		11-109%
1718-51-0	Terphenyl-d14	43%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	360	ug/kg	J
	System Artifact	14.54	260	ug/kg	JN
	Total TIC, Semi-Volatile		260	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(3.5-4) Lab Sample ID: JD58693-9 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 94.2			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496000.D	1	01/19/23 02:48	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.8 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	21	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	30	ug/kg	
11097-69-1	Aroclor 1254	ND	34	18	ug/kg	
11096-82-5	Aroclor 1260	ND	34	14	ug/kg	
11100-14-4	Aroclor 1268	ND	34	14	ug/kg	
37324-23-5	Aroclor 1262	ND	34	22	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	49%		10-174%		
877-09-8	Tetrachloro-m-xylene	51%		10-174%		
2051-24-3	Decachlorobiphenyl	46%		10-195%		
2051-24-3	Decachlorobiphenyl	44%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(3.5-4)**Lab Sample ID:** JD58693-9**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 94.2**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7140	51	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Antimony	< 2.0	2.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Arsenic	< 2.0	2.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Barium	48.8	20	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Beryllium	0.34	0.20	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Cadmium	< 0.51	0.51	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Calcium	6650	510	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Chromium	14.1	1.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Cobalt	5.8	5.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Copper	14.7	2.5	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Iron	12900	51	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Lead	4.2	2.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Magnesium	6450	510	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Manganese	199	1.5	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Mercury	< 0.034	0.034	mg/kg	1	01/17/23	01/17/23	LM	SW846 7471B ¹ SW846 7471B ⁴
Nickel	11.4	4.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Potassium	2120	1000	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Selenium	< 2.0	2.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Silver	< 0.51	0.51	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Sodium	< 1000	1000	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Thallium	< 1.0	1.0	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Vanadium	19.1	5.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Zinc	31.8	5.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB16(3.5-4)**Lab Sample ID:** JD58693-9**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 94.2**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.24	0.24	mg/kg	1	01/19/23 12:12	MM	SW846 9012B/LACHAT
Solids, Percent	94.2		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB16(6-6.5)						
Lab Sample ID:	JD58693-10					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	91.2
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198183.D	1	01/17/23 21:05	PS	01/13/23 08:00	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	9.8	4.1	ug/kg	
71-43-2	Benzene	ND	0.49	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.55	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.42	ug/kg	
75-25-2	Bromoform	ND	4.9	1.3	ug/kg	
74-83-9	Bromomethane ^b	ND	4.9	0.75	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.8	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.52	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.61	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.45	ug/kg	
75-00-3	Chloroethane ^b	ND	4.9	0.58	ug/kg	
67-66-3	Chloroform	ND	2.0	0.51	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.68	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.98	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.98	0.53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.98	0.49	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.98	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.98	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.98	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.98	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.82	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.98	0.60	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.47	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.45	ug/kg	
100-41-4	Ethylbenzene	ND	0.98	0.44	ug/kg	
76-13-1	Freon 113	ND	4.9	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.9	2.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(6-6.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-10	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.9	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.86	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.98	0.46	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.39	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.59	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.57	ug/kg	
108-88-3	Toluene	ND	0.98	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.54	ug/kg	
79-01-6	Trichloroethene	ND	0.98	0.75	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	4.9	0.67	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	0.98	0.88	ug/kg	
95-47-6	o-Xylene	ND	0.98	0.45	ug/kg	
1330-20-7	Xylene (total)	ND	0.98	0.45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	110%		75-133%
2037-26-5	Toluene-D8	105%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	10	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(6-6.5)						
Lab Sample ID:	JD58693-10					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	91.2
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212268.D	1	01/19/23 13:15	KH	01/18/23 09:00	OP44224	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	72	23	ug/kg	
	3&4-Methylphenol	ND	72	30	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	97	ug/kg	
87-86-5	Pentachlorophenol	ND	140	34	ug/kg	
108-95-2	Phenol	ND	72	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^a	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	ND	36	12	ug/kg	
208-96-8	Acenaphthylene	ND	36	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.8	ug/kg	
120-12-7	Anthracene	ND	36	22	ug/kg	
1912-24-9	Atrazine ^a	ND	72	15	ug/kg	
56-55-3	Benzo(a)anthracene	11.5	36	10	ug/kg	J
50-32-8	Benzo(a)pyrene ^a	ND	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^a	ND	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	8.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	72	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	9.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	8.6	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	72	5.2	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(6-6.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-10	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	14	ug/kg	
218-01-9	Chrysene	ND	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	72	7.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	72	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	72	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	36	16	ug/kg	
132-64-9	Dibenzofuran	ND	72	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	72	5.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	72	9.0	ug/kg	
84-66-2	Diethyl phthalate	ND	72	7.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	22.2	72	8.5	ug/kg	J
206-44-0	Fluoranthene	ND	36	16	ug/kg	
86-73-7	Fluorene	ND	36	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	72	9.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^b	28.4	36	17	ug/kg	J
78-59-1	Isophorone	ND	72	7.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	36	8.2	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.5	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.0	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	180	9.4	ug/kg	
91-20-3	Naphthalene	ND	36	10	ug/kg	
98-95-3	Nitrobenzene	ND	72	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	ND	36	12	ug/kg	
129-00-0	Pyrene	14.7	36	12	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-99%

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Report of Analysis

Client Sample ID:	SB16(6-6.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-10	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
4165-62-2	Phenol-d5	38%		10-96%		
118-79-6	2,4,6-Tribromophenol	44%		10-123%		
4165-60-0	Nitrobenzene-d5	40%		10-109%		
321-60-8	2-Fluorobiphenyl	44%		11-109%		
1718-51-0	Terphenyl-d14	47%		10-120%		

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	2.34	770	ug/kg	J
	unknown	3.17	260	ug/kg	J
	system artifact/aldol-condensation	3.52	10000	ug/kg	J
	Total TIC, Semi-Volatile		1030	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

(b) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(6-6.5) Lab Sample ID: JD58693-10 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 91.2			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496005.D	1	01/19/23 04:14	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.9 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	22	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	31	ug/kg	
11097-69-1	Aroclor 1254	ND	34	19	ug/kg	
11096-82-5	Aroclor 1260	ND	34	15	ug/kg	
11100-14-4	Aroclor 1268	ND	34	15	ug/kg	
37324-23-5	Aroclor 1262	ND	34	23	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	86%		10-174%		
877-09-8	Tetrachloro-m-xylene	87%		10-174%		
2051-24-3	Decachlorobiphenyl	68%		10-195%		
2051-24-3	Decachlorobiphenyl	70%		10-195%		

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(6-6.5)**Lab Sample ID:** JD58693-10**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 91.2**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7180	56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	48.1	22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.30	0.22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	0.64	0.56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	18900	560	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	18.6	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	6.0	5.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	20.2	2.8	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	15300	56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	15.4	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	8800	560	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	226	1.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	< 0.034	0.034	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	12.8	4.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	1990	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.56	0.56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	24.1	5.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	106	5.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID:	SB16(6-6.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-10	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	91.2
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.23	0.23	mg/kg	1	01/19/23 11:00	MM	SW846 9012B/LACHAT
Solids, Percent	91.2		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB16(11.5-12)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-11	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.7
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198184.D	1	01/17/23 21:27	PS	01/13/23 09:00	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	11	4.5	ug/kg	
71-43-2	Benzene	ND	0.54	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.61	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.47	ug/kg	
75-25-2	Bromoform	ND	5.4	1.5	ug/kg	
74-83-9	Bromomethane ^b	ND	5.4	0.83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.58	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.50	ug/kg	
75-00-3	Chloroethane ^b	ND	5.4	0.64	ug/kg	
67-66-3	Chloroform	ND	2.2	0.56	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.71	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.61	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.54	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.54	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.54	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.91	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.52	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.49	ug/kg	
76-13-1	Freon 113	ND	5.4	2.9	ug/kg	
591-78-6	2-Hexanone	ND	5.4	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(11.5-12)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-11	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.7
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.95	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.51	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.8	ug/kg	
100-42-5	Styrene	ND	2.2	0.44	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.65	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.63	ug/kg	
108-88-3	Toluene	ND	1.1	0.57	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.60	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.83	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.4	0.74	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.97	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%
17060-07-0	1,2-Dichloroethane-D4	110%		75-133%
2037-26-5	Toluene-D8	105%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	13	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(11.5-12)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-11	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.7
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212246.D	1	01/19/23 01:32	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	31.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	71	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	80	25	ug/kg	
	3&4-Methylphenol	ND	80	33	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	37	ug/kg	
108-95-2	Phenol	ND	80	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	40	14	ug/kg	
208-96-8	Acenaphthylene	ND	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.6	ug/kg	
120-12-7	Anthracene	ND	40	24	ug/kg	
1912-24-9	Atrazine ^a	ND	80	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	40	11	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	9.7	ug/kg	
92-52-4	1,1'-Biphenyl	ND	80	5.5	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	80	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	80	5.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(11.5-12)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-11	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.7
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	16	ug/kg	
218-01-9	Chrysene	ND	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	8.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	80	33	ug/kg	
123-91-1	1,4-Dioxane	ND	40	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	40	18	ug/kg	
132-64-9	Dibenzofuran	ND	80	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	80	6.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	9.9	ug/kg	
84-66-2	Diethyl phthalate	ND	80	8.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	7.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	9.3	ug/kg	
206-44-0	Fluoranthene	ND	40	18	ug/kg	
86-73-7	Fluorene	ND	40	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	80	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	80	8.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	40	9.0	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.4	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	80	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	ND	40	13	ug/kg	
129-00-0	Pyrene	ND	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		10-99%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(11.5-12)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-11	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	80.7
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	52%		10-96%
118-79-6	2,4,6-Tribromophenol	80%		10-123%
4165-60-0	Nitrobenzene-d5	56%		10-109%
321-60-8	2-Fluorobiphenyl	56%		11-109%
1718-51-0	Terphenyl-d14	74%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	950	ug/kg	J
	System Artifact	14.54	330	ug/kg	JN
	Total TIC, Semi-Volatile		330	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(11.5-12) Lab Sample ID: JD58693-11 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 80.7			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496006.D	1	01/19/23 04:31	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.2 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	41	19	ug/kg	
11104-28-2	Aroclor 1221	ND	41	25	ug/kg	
11141-16-5	Aroclor 1232	ND	41	26	ug/kg	
53469-21-9	Aroclor 1242	ND	41	17	ug/kg	
12672-29-6	Aroclor 1248	ND	41	36	ug/kg	
11097-69-1	Aroclor 1254	ND	41	22	ug/kg	
11096-82-5	Aroclor 1260	ND	41	17	ug/kg	
11100-14-4	Aroclor 1268	ND	41	17	ug/kg	
37324-23-5	Aroclor 1262	ND	41	27	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	95%		10-174%		
877-09-8	Tetrachloro-m-xylene	98%		10-174%		
2051-24-3	Decachlorobiphenyl	80%		10-195%		
2051-24-3	Decachlorobiphenyl	77%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(11.5-12)**Lab Sample ID:** JD58693-11**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 80.7**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7610	62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Antimony	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Arsenic	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Barium	66.2	25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Beryllium	< 0.25	0.25	mg/kg	1	01/16/23	01/19/23 ND	SW846 6010D ³	SW846 3050B ⁴
Cadmium	< 0.62	0.62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Calcium	20200	620	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Chromium	16.3	1.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cobalt	6.7	6.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Copper	16.0	3.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Iron	13500	62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Lead	3.3	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Magnesium	13500	620	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Manganese	177	1.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Mercury	< 0.041	0.041	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	13.8	5.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Potassium	3090	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Selenium	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Silver	< 0.62	0.62	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Sodium	< 1200	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Thallium	< 1.2	1.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Vanadium	21.1	6.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Zinc	38.8	6.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53615

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB16(11.5-12)**Lab Sample ID:** JD58693-11**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 80.7**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.31	0.31	mg/kg	1	01/19/23 11:03	MM	SW846 9012B/LACHAT
Solids, Percent	80.7		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB16(18-18.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-12	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y198185.D	1	01/17/23 21:49	PS	01/13/23 09:00	n/a	VY8679
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	12	4.9	ug/kg	
71-43-2	Benzene	ND	0.59	0.53	ug/kg	
74-97-5	Bromochloromethane	ND	5.9	0.66	ug/kg	
75-27-4	Bromodichloromethane	ND	2.4	0.50	ug/kg	
75-25-2	Bromoform	ND	5.9	1.6	ug/kg	
74-83-9	Bromomethane ^b	ND	5.9	0.90	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.4	0.63	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.4	0.73	ug/kg	
108-90-7	Chlorobenzene	ND	2.4	0.54	ug/kg	
75-00-3	Chloroethane ^b	ND	5.9	0.69	ug/kg	
67-66-3	Chloroform	ND	2.4	0.61	ug/kg	
74-87-3	Chloromethane	ND	5.9	2.3	ug/kg	
110-82-7	Cyclohexane	ND	2.4	0.77	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	0.82	ug/kg	
124-48-1	Dibromochloromethane	ND	2.4	0.66	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.64	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.58	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.58	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.9	0.85	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.58	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.55	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.77	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.99	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.4	0.56	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	0.56	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	0.54	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.53	ug/kg	
76-13-1	Freon 113	ND	5.9	3.1	ug/kg	
591-78-6	2-Hexanone	ND	5.9	2.5	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(18-18.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-12	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.4	1.7	ug/kg	
79-20-9	Methyl Acetate	ND	5.9	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.4	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.55	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.9	2.7	ug/kg	
75-09-2	Methylene chloride	ND	5.9	3.1	ug/kg	
100-42-5	Styrene	ND	2.4	0.47	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	0.70	ug/kg	
127-18-4	Tetrachloroethene	ND	2.4	0.68	ug/kg	
108-88-3	Toluene	ND	1.2	0.62	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.4	0.57	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.65	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.90	ug/kg	
75-69-4	Trichlorofluoromethane ^b	ND	5.9	0.80	ug/kg	
75-01-4	Vinyl chloride	ND	2.4	0.57	ug/kg	
	m,p-Xylene	ND	1.2	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.54	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.54	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%
17060-07-0	1,2-Dichloroethane-D4	110%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	13	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(18-18.5)						
Lab Sample ID:	JD58693-12					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	81.8
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212247.D	1	01/19/23 01:59	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	71	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	80	26	ug/kg	
	3&4-Methylphenol	ND	80	33	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	80	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	200	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	40	14	ug/kg	
208-96-8	Acenaphthylene	ND	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.6	ug/kg	
120-12-7	Anthracene	ND	40	25	ug/kg	
1912-24-9	Atrazine ^a	ND	80	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	40	11	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	9.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	80	5.5	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	80	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	80	5.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(18-18.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-12	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	16	ug/kg	
218-01-9	Chrysene	ND	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	8.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	80	33	ug/kg	
123-91-1	1,4-Dioxane	ND	40	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	40	18	ug/kg	
132-64-9	Dibenzofuran	ND	80	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	80	6.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	10	ug/kg	
84-66-2	Diethyl phthalate	ND	80	8.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	7.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	9.4	ug/kg	
206-44-0	Fluoranthene	ND	40	18	ug/kg	
86-73-7	Fluorene	ND	40	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	80	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	80	8.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	40	9.1	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.5	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	80	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	ND	40	13	ug/kg	
129-00-0	Pyrene	ND	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		10-99%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(18-18.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-12	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	62%		10-96%
118-79-6	2,4,6-Tribromophenol	91%		10-123%
4165-60-0	Nitrobenzene-d5	66%		10-109%
321-60-8	2-Fluorobiphenyl	67%		11-109%
1718-51-0	Terphenyl-d14	83%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	730	ug/kg	J
	System Artifact	14.54	320	ug/kg	JN
	Total TIC, Semi-Volatile		320	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(18-18.5) Lab Sample ID: JD58693-12 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 81.8			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496007.D	1	01/19/23 04:48	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.6 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	17	ug/kg	
37324-23-5	Aroclor 1262	ND	39	26	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	83%		10-174%		
877-09-8	Tetrachloro-m-xylene	86%		10-174%		
2051-24-3	Decachlorobiphenyl	74%		10-195%		
2051-24-3	Decachlorobiphenyl	71%		10-195%		

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(18-18.5)**Lab Sample ID:** JD58693-12**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 81.8**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4170	63	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Antimony	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Arsenic	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Barium	39.5	25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Beryllium	< 0.25	0.25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cadmium	< 0.63	0.63	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Calcium	30000	1300	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Chromium	9.2	1.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cobalt	< 6.3	6.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Copper	10.7	3.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Iron	9410	63	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Lead	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Magnesium	14700	630	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Manganese	141	1.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Mercury	< 0.039	0.039	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	7.4	5.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Potassium	1500	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Selenium	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Silver	< 0.63	0.63	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Sodium	< 1300	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Thallium	< 1.3	1.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Vanadium	12.6	6.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Zinc	21.5	6.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53609

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID:	SB16(18-18.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-12	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.33	0.33	mg/kg	1	01/19/23 11:04	MM	SW846 9012B/LACHAT
Solids, Percent	81.8		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB15(4.5-5)						
Lab Sample ID:	JD58693-13					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	82.7
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180978.D	1	01/17/23 19:39	PS	01/13/23 09:00	n/a	V3C7932
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	4.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.52	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.64	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.49	ug/kg	
75-25-2	Bromoform	ND	5.7	1.6	ug/kg	
74-83-9	Bromomethane	ND	5.7	0.87	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.61	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.70	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.52	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.67	ug/kg	
67-66-3	Chloroform	ND	2.3	0.59	ug/kg	
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.75	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.79	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.64	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.62	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.57	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.56	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.83	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.56	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.54	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.52	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.52	ug/kg	
76-13-1	Freon 113	ND	5.7	3.0	ug/kg	
591-78-6	2-Hexanone ^a	ND	5.7	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(4.5-5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-13	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.7
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	1.6	ug/kg	
79-20-9	Methyl Acetate	ND	5.7	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.54	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	2.6	ug/kg	
75-09-2	Methylene chloride	ND	5.7	3.0	ug/kg	
100-42-5	Styrene	ND	2.3	0.46	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.68	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.66	ug/kg	
108-88-3	Toluene	ND	1.1	0.60	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.55	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.63	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.78	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.55	ug/kg	
	m,p-Xylene	ND	1.1	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.52	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(4.5-5)						
Lab Sample ID:	JD58693-13					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	82.7
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212248.D	1	01/19/23 02:26	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	78	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	70	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	78	25	ug/kg	
	3&4-Methylphenol	ND	78	32	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol	ND	160	37	ug/kg	
108-95-2	Phenol	ND	78	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	23	ug/kg	
83-32-9	Acenaphthene	ND	39	14	ug/kg	
208-96-8	Acenaphthylene	ND	39	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.4	ug/kg	
120-12-7	Anthracene	ND	39	24	ug/kg	
1912-24-9	Atrazine ^a	ND	78	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	39	11	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	78	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	78	9.5	ug/kg	
92-52-4	1,1'-Biphenyl	ND	78	5.4	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	78	9.3	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	78	5.7	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(4.5-5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-13	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.7
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	78	15	ug/kg	
218-01-9	Chrysene	ND	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	78	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	78	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	78	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	78	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	78	33	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	39	17	ug/kg	
132-64-9	Dibenzofuran	ND	78	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	78	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	78	9.7	ug/kg	
84-66-2	Diethyl phthalate	ND	78	8.3	ug/kg	
131-11-3	Dimethyl phthalate	ND	78	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	78	9.2	ug/kg	
206-44-0	Fluoranthene	ND	39	17	ug/kg	
86-73-7	Fluorene	ND	39	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	78	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	390	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39	18	ug/kg	
78-59-1	Isophorone	ND	78	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	39	8.8	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.2	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	78	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	78	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	ND	39	13	ug/kg	
129-00-0	Pyrene	ND	39	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	9.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	26%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(4.5-5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-13	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.7
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	28%		10-96%
118-79-6	2,4,6-Tribromophenol	42%		10-123%
4165-60-0	Nitrobenzene-d5	29%		10-109%
321-60-8	2-Fluorobiphenyl	30%		11-109%
1718-51-0	Terphenyl-d14	37%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	380	ug/kg	J
	System Artifact	14.54	310	ug/kg	JN
	Total TIC, Semi-Volatile		310	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(4.5-5) Lab Sample ID: JD58693-13 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 82.7			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496008.D	1	01/19/23 05:05	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.4 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	17	ug/kg	
37324-23-5	Aroclor 1262	ND	39	26	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	69%		10-174%		
877-09-8	Tetrachloro-m-xylene	74%		10-174%		
2051-24-3	Decachlorobiphenyl	63%		10-195%		
2051-24-3	Decachlorobiphenyl	66%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(4.5-5)**Lab Sample ID:** JD58693-13**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 82.7**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7610	61	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Antimony	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Arsenic	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Barium	54.4	24	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Beryllium	0.38	0.24	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Cadmium	< 0.61	0.61	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Calcium	15300	610	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Chromium	15.6	1.2	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Cobalt	6.5	6.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Copper	15.9	3.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Iron	14500	61	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Lead	3.6	2.4	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Magnesium	11100	610	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Manganese	202	1.8	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Mercury	< 0.034	0.034	mg/kg	1	01/17/23	01/17/23	LM	SW846 7471B ¹ SW846 7471B ⁴
Nickel	12.5	4.9	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Potassium	2770	1200	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Selenium	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Silver	< 0.61	0.61	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Sodium	< 1200	1200	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Thallium	< 1.2	1.2	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Vanadium	21.3	6.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³
Zinc	39.0	6.1	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID:	SB15(4.5-5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-13	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	82.7
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.32	0.32	mg/kg	1	01/19/23 11:05	MM	SW846 9012B/LACHAT
Solids, Percent	82.7		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB15(9.5-10)						
Lab Sample ID:	JD58693-14					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	85.7
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180979.D	1	01/17/23 20:04	PS	01/13/23 09:00	n/a	V3C7932
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.9	4.1	ug/kg	
71-43-2	Benzene	ND	0.49	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.55	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.42	ug/kg	
75-25-2	Bromoform	ND	4.9	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.76	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.9	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.53	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.61	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.45	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.58	ug/kg	
67-66-3	Chloroform	ND	2.0	0.51	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.65	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.99	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.99	0.54	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.99	0.49	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.99	0.49	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.72	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.99	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.99	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.99	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.83	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.99	0.60	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.47	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.45	ug/kg	
100-41-4	Ethylbenzene	ND	0.99	0.45	ug/kg	
76-13-1	Freon 113	ND	4.9	2.6	ug/kg	
591-78-6	2-Hexanone ^a	ND	4.9	2.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(9.5-10)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-14	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	85.7
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.9	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.87	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.99	0.46	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.40	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.59	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.57	ug/kg	
108-88-3	Toluene	ND	0.99	0.52	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.55	ug/kg	
79-01-6	Trichloroethene	ND	0.99	0.75	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	0.99	0.89	ug/kg	
95-47-6	o-Xylene	ND	0.99	0.45	ug/kg	
1330-20-7	Xylene (total)	ND	0.99	0.45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	95%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(9.5-10)						
Lab Sample ID:	JD58693-14					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	85.7
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212249.D	1	01/19/23 02:53	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	76	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	68	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	190	41	ug/kg	
95-48-7	2-Methylphenol	ND	76	24	ug/kg	
	3&4-Methylphenol	ND	76	31	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	36	ug/kg	
108-95-2	Phenol	ND	76	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	ND	38	13	ug/kg	
208-96-8	Acenaphthylene	ND	38	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.2	ug/kg	
120-12-7	Anthracene	ND	38	23	ug/kg	
1912-24-9	Atrazine ^a	ND	76	16	ug/kg	
56-55-3	Benzo(a)anthracene	ND	38	11	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	76	9.3	ug/kg	
92-52-4	1,1'-Biphenyl	ND	76	5.2	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	76	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	ND	76	5.5	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(9.5-10)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-14	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	85.7
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	76	15	ug/kg	
218-01-9	Chrysene	ND	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	76	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	76	32	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	38	17	ug/kg	
132-64-9	Dibenzofuran	ND	76	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	76	6.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	76	9.5	ug/kg	
84-66-2	Diethyl phthalate	ND	76	8.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	6.8	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	76	8.9	ug/kg	
206-44-0	Fluoranthene	ND	38	17	ug/kg	
86-73-7	Fluorene	ND	38	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	76	9.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	38	18	ug/kg	
78-59-1	Isophorone	ND	76	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	38	8.6	ug/kg	
88-74-4	2-Nitroaniline	ND	190	9.0	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	190	9.5	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	190	9.8	ug/kg	
91-20-3	Naphthalene	ND	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	76	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	ND	38	13	ug/kg	
129-00-0	Pyrene	ND	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(9.5-10)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-14	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	85.7
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	43%		10-96%
118-79-6	2,4,6-Tribromophenol	63%		10-123%
4165-60-0	Nitrobenzene-d5	46%		10-109%
321-60-8	2-Fluorobiphenyl	47%		11-109%
1718-51-0	Terphenyl-d14	58%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	2.95	160	ug/kg	J
	system artifact/aldol-condensation	3.51	410	ug/kg	J
	System Artifact	14.54	280	ug/kg	JN
	Total TIC, Semi-Volatile		440	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(9.5-10)						
Lab Sample ID:	JD58693-14				Date Sampled:	01/12/23	
Matrix:	SO - Soil				Date Received:	01/13/23	
Method:	SW846 8082A SW846 3546				Percent Solids:	85.7	
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496009.D	1	01/19/23 05:22	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							

	Initial Weight	Final Volume
Run #1	16.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		10-174%
877-09-8	Tetrachloro-m-xylene	86%		10-174%
2051-24-3	Decachlorobiphenyl	76%		10-195%
2051-24-3	Decachlorobiphenyl	77%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(9.5-10)**Lab Sample ID:** JD58693-14**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 85.7**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	9420	59	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Antimony ^a	< 4.7	4.7	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Arsenic	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Barium	75.8	24	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Beryllium ^a	< 0.47	0.47	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Cadmium	< 0.59	0.59	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Calcium	7720	590	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Chromium	18.4	1.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cobalt	7.5	5.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Copper	17.7	2.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Iron	16800	59	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Lead	5.0	2.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Magnesium	8310	590	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Manganese	252	1.8	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Mercury	< 0.035	0.035	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	14.6	4.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Potassium	3400	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Selenium	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Silver ^a	< 1.2	1.2	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Sodium	< 1200	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Thallium ^a	< 2.4	2.4	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Vanadium	25.0	5.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Zinc	41.6	5.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53609

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37465

(a) Elevated detection limit due to dilution required for high interfering element.

Report of Analysis

Page 1 of 1

Client Sample ID: SB15(9.5-10)**Lab Sample ID:** JD58693-14**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 85.7**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.29	0.29	mg/kg	1	01/19/23 11:06	MM	SW846 9012B/LACHAT
Solids, Percent	85.7		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB15(13-13.5)						
Lab Sample ID:	JD58693-15					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	83.1
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180980.D	1	01/17/23 20:30	PS	01/13/23 09:00	n/a	V3C7932
Run #2							

	Initial Weight
Run #1	4.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	5.2	ug/kg	
71-43-2	Benzene	ND	0.63	0.57	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.70	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.54	ug/kg	
75-25-2	Bromoform	ND	6.3	1.7	ug/kg	
74-83-9	Bromomethane	ND	6.3	0.96	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	3.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	0.67	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.77	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.58	ug/kg	
75-00-3	Chloroethane	ND	6.3	0.74	ug/kg	
67-66-3	Chloroform	ND	2.5	0.65	ug/kg	
74-87-3	Chloromethane	ND	6.3	2.5	ug/kg	
110-82-7	Cyclohexane	ND	2.5	0.82	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.70	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.53	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.68	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.62	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.62	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	0.91	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.62	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.77	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.59	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.60	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.57	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.57	ug/kg	
76-13-1	Freon 113	ND	6.3	3.3	ug/kg	
591-78-6	2-Hexanone ^a	ND	6.3	2.7	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(13-13.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-15	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	1.8	ug/kg	
79-20-9	Methyl Acetate	ND	6.3	1.7	ug/kg	
108-87-2	Methylcyclohexane	ND	2.5	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.59	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.3	2.8	ug/kg	
75-09-2	Methylene chloride	ND	6.3	3.3	ug/kg	
100-42-5	Styrene	ND	2.5	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.75	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.73	ug/kg	
108-88-3	Toluene	ND	1.3	0.66	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	3.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	3.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.61	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.69	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.96	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	0.86	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.60	ug/kg	
	m,p-Xylene	ND	1.3	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.57	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	94%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(13-13.5)						
Lab Sample ID:	JD58693-15					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	83.1
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212250.D	1	01/19/23 03:20	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	71	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	80	26	ug/kg	
	3&4-Methylphenol	ND	80	33	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	80	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	40	14	ug/kg	
208-96-8	Acenaphthylene	ND	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.6	ug/kg	
120-12-7	Anthracene	ND	40	25	ug/kg	
1912-24-9	Atrazine ^a	ND	80	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	40	11	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	9.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	80	5.5	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	80	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	80	5.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(13-13.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-15	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	16	ug/kg	
218-01-9	Chrysene	ND	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	8.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	80	33	ug/kg	
123-91-1	1,4-Dioxane	ND	40	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	40	18	ug/kg	
132-64-9	Dibenzofuran	ND	80	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	80	6.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	10	ug/kg	
84-66-2	Diethyl phthalate	ND	80	8.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	7.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	9.4	ug/kg	
206-44-0	Fluoranthene	ND	40	18	ug/kg	
86-73-7	Fluorene	ND	40	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	80	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	80	8.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	40	9.0	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.4	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	80	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	ND	40	13	ug/kg	
129-00-0	Pyrene	ND	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(13-13.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-15	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	50%		10-96%
118-79-6	2,4,6-Tribromophenol	76%		10-123%
4165-60-0	Nitrobenzene-d5	52%		10-109%
321-60-8	2-Fluorobiphenyl	54%		11-109%
1718-51-0	Terphenyl-d14	68%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	520	ug/kg	J
57-10-3	n-Hexadecanoic acid	9.97	160	ug/kg	JN
	unknown	11.01	220	ug/kg	J
	System Artifact	14.54	300	ug/kg	JN
	Total TIC, Semi-Volatile		680	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(13-13.5) Lab Sample ID: JD58693-15 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 83.1			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496010.D	1	01/19/23 05:39	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.4 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	16	ug/kg	
37324-23-5	Aroclor 1262	ND	39	26	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	115%		10-174%		
877-09-8	Tetrachloro-m-xylene	119%		10-174%		
2051-24-3	Decachlorobiphenyl	106%		10-195%		
2051-24-3	Decachlorobiphenyl	109%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(13-13.5)**Lab Sample ID:** JD58693-15**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 83.1**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5950	60	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	48.6	24	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.34	0.24	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.60	0.60	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	6630	600	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	13.1	1.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	< 6.0	6.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	14.7	3.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	12000	60	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	2.5	2.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	6180	600	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	214	1.8	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	< 0.032	0.032	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	10.8	4.8	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	2150	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.4	2.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.60	0.60	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1200	1200	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.2	1.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	17.3	6.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	28.2	6.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID:	SB15(13-13.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-15	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	83.1
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.26	0.26	mg/kg	1	01/19/23 11:07	MM	SW846 9012B/LACHAT
Solids, Percent	83.1		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB15(19-19.5)						
Lab Sample ID:	JD58693-16					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	81.8
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180981.D	1	01/17/23 20:55	PS	01/13/23 09:00	n/a	V3C7932
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	4.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.62	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.6	1.5	ug/kg	
74-83-9	Bromomethane	ND	5.6	0.85	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.59	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.51	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.66	ug/kg	
67-66-3	Chloroform	ND	2.2	0.58	ug/kg	
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.73	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.77	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.62	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.61	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.55	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.81	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.55	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.52	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.93	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.53	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.51	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.50	ug/kg	
76-13-1	Freon 113	ND	5.6	3.0	ug/kg	
591-78-6	2-Hexanone ^a	ND	5.6	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(19-19.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-16	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.6	ug/kg	
79-20-9	Methyl Acetate	ND	5.6	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.97	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.52	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.9	ug/kg	
100-42-5	Styrene	ND	2.2	0.45	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.67	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.64	ug/kg	
108-88-3	Toluene	ND	1.1	0.58	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.54	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.62	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.85	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.76	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.53	ug/kg	
	m,p-Xylene	ND	1.1	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.51	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.51	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-124%
17060-07-0	1,2-Dichloroethane-D4	94%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(19-19.5)						
Lab Sample ID:	JD58693-16					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	81.8
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212251.D	1	01/19/23 03:46	KH	01/18/23 09:00	OP44224	EF9358
Run #2							

	Initial Weight	Final Volume
Run #1	31.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	77	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	69	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	190	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	190	41	ug/kg	
95-48-7	2-Methylphenol	ND	77	25	ug/kg	
	3&4-Methylphenol	ND	77	32	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	190	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	36	ug/kg	
108-95-2	Phenol	ND	77	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	190	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	ND	39	13	ug/kg	
208-96-8	Acenaphthylene	ND	39	20	ug/kg	
98-86-2	Acetophenone	ND	190	8.3	ug/kg	
120-12-7	Anthracene	ND	39	24	ug/kg	
1912-24-9	Atrazine ^a	ND	77	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	39	11	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	39	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	77	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	77	9.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	77	5.3	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	77	9.2	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	ND	77	5.6	ug/kg	

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

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Report of Analysis

Client Sample ID:	SB15(19-19.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-16	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	77	15	ug/kg	
218-01-9	Chrysene	ND	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	77	8.3	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	77	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	77	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	77	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	39	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	77	32	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	39	17	ug/kg	
132-64-9	Dibenzofuran	ND	77	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	77	6.3	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	77	9.6	ug/kg	
84-66-2	Diethyl phthalate	ND	77	8.2	ug/kg	
131-11-3	Dimethyl phthalate	ND	77	6.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	77	9.1	ug/kg	
206-44-0	Fluoranthene	ND	39	17	ug/kg	
86-73-7	Fluorene	ND	39	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	77	9.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	390	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39	18	ug/kg	
78-59-1	Isophorone	ND	77	8.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	39	8.7	ug/kg	
88-74-4	2-Nitroaniline	ND	190	9.1	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	190	9.7	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	190	10	ug/kg	
91-20-3	Naphthalene	ND	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	77	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	77	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	ND	39	13	ug/kg	
129-00-0	Pyrene	ND	39	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		10-99%

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Report of Analysis

Client Sample ID:	SB15(19-19.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-16	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	38%		10-96%
118-79-6	2,4,6-Tribromophenol	53%		10-123%
4165-60-0	Nitrobenzene-d5	39%		10-109%
321-60-8	2-Fluorobiphenyl	40%		11-109%
1718-51-0	Terphenyl-d14	48%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	740	ug/kg	J
	System Artifact	14.54	270	ug/kg	JN
	Total TIC, Semi-Volatile		270	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(19-19.5) Lab Sample ID: JD58693-16 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 81.8			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496011.D	1	01/19/23 05:56	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	16.2 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	23	ug/kg	
11141-16-5	Aroclor 1232	ND	38	24	ug/kg	
53469-21-9	Aroclor 1242	ND	38	15	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	20	ug/kg	
11096-82-5	Aroclor 1260	ND	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	16	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	96%		10-174%		
877-09-8	Tetrachloro-m-xylene	101%		10-174%		
2051-24-3	Decachlorobiphenyl	90%		10-195%		
2051-24-3	Decachlorobiphenyl	89%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(19-19.5)**Lab Sample ID:** JD58693-16**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 81.8**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4810	64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Antimony	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Arsenic	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Barium	40.4	25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Beryllium	0.25	0.25	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cadmium	< 0.64	0.64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Calcium	32300	1300	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Chromium	11.2	1.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cobalt	< 6.4	6.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Copper	12.5	3.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Iron	10700	64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Lead	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Magnesium	15300	640	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Manganese	191	1.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Mercury	< 0.031	0.031	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	9.8	5.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Potassium	1840	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Selenium	< 2.5	2.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Silver	< 0.64	0.64	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Sodium	< 1300	1300	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Thallium	< 1.3	1.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Vanadium	15.1	6.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Zinc	23.9	6.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53609

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37465

Report of Analysis

Page 1 of 1

Client Sample ID: SB15(19-19.5)**Lab Sample ID:** JD58693-16**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 81.8**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.25	0.25	mg/kg	1	01/19/23 11:08	MM	SW846 9012B/LACHAT
Solids, Percent	81.8		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB19(2-2.5)						
Lab Sample ID:	JD58693-17					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	92.4
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180982.D	1	01/17/23 21:20	PS	01/13/23 09:00	n/a	V3C7932
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.9	3.7	ug/kg	
71-43-2	Benzene	ND	0.44	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	4.4	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.38	ug/kg	
75-25-2	Bromoform	ND	4.4	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.4	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.9	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.47	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.41	ug/kg	
75-00-3	Chloroethane	ND	4.4	0.52	ug/kg	
67-66-3	Chloroform	ND	1.8	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.4	1.7	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.62	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.50	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.89	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.89	0.48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.89	0.44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.89	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.4	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.89	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.89	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.89	0.58	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.89	0.75	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.89	0.54	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	0.89	0.40	ug/kg	
76-13-1	Freon 113	ND	4.4	2.4	ug/kg	
591-78-6	2-Hexanone ^a	ND	4.4	1.9	ug/kg	

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RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(2-2.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-17	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.4	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.78	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.89	0.42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.4	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.4	2.3	ug/kg	
100-42-5	Styrene	ND	1.8	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.53	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.51	ug/kg	
108-88-3	Toluene	ND	0.89	0.47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.49	ug/kg	
79-01-6	Trichloroethene	ND	0.89	0.68	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.4	0.61	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.43	ug/kg	
	m,p-Xylene	ND	0.89	0.79	ug/kg	
95-47-6	o-Xylene	ND	0.89	0.41	ug/kg	
1330-20-7	Xylene (total)	ND	0.89	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	92%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(2-2.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-17	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212265.D	1	01/19/23 11:57	KH	01/18/23 09:00	OP44224	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	31.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	61	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	69	22	ug/kg	
	3&4-Methylphenol	ND	69	28	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	340	92	ug/kg	
87-86-5	Pentachlorophenol	ND	140	32	ug/kg	
108-95-2	Phenol	ND	69	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^a	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	34	12	ug/kg	
208-96-8	Acenaphthylene	ND	34	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.4	ug/kg	
120-12-7	Anthracene	ND	34	21	ug/kg	
1912-24-9	Atrazine ^a	ND	69	15	ug/kg	
56-55-3	Benzo(a)anthracene	34.1	34	9.7	ug/kg	
50-32-8	Benzo(a)pyrene ^b	31.8	34	16	ug/kg	J
205-99-2	Benzo(b)fluoranthene	32.3	34	15	ug/kg	J
191-24-2	Benzo(g,h,i)perylene ^b	21.6	34	17	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	34	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	8.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.7	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	8.2	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	69	5.0	ug/kg	

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Report of Analysis

Client Sample ID:	SB19(2-2.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-17	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	14	ug/kg	J
218-01-9	Chrysene	29.5	34	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	7.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	34	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	69	29	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	34	15	ug/kg	
132-64-9	Dibenzofuran	ND	69	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	69	5.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.6	ug/kg	
84-66-2	Diethyl phthalate	ND	69	7.3	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	8.0	ug/kg	
206-44-0	Fluoranthene	60.5	34	15	ug/kg	
86-73-7	Fluorene	ND	34	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	8.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^b	35.3	34	16	ug/kg	
78-59-1	Isophorone	ND	69	7.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	34	7.8	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.1	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.6	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	170	8.9	ug/kg	
91-20-3	Naphthalene	ND	34	9.7	ug/kg	
98-95-3	Nitrobenzene	ND	69	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	9.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	37.4	34	12	ug/kg	
129-00-0	Pyrene	48.4	34	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		10-99%

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Report of Analysis

Client Sample ID:	SB19(2-2.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-17	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	30%		10-96%
118-79-6	2,4,6-Tribromophenol	44%		10-123%
4165-60-0	Nitrobenzene-d5	31%		10-109%
321-60-8	2-Fluorobiphenyl	32%		11-109%
1718-51-0	Terphenyl-d14	39%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	2.34	180	ug/kg	J
	system artifact/aldol-condensation	3.51	680	ug/kg	J
13798-23-7	Sulfur	7.30	150	ug/kg	JN
13798-23-7	Sulfur	7.39	200	ug/kg	JN
	unknown	9.17	180	ug/kg	J
10544-50-0	Cyclic octaatomic sulfur	11.15	3400	ug/kg	JN
	System Artifact	14.53	200	ug/kg	JN
	Total TIC, Semi-Volatile		4310	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

(b) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB19(2-2.5) Lab Sample ID: JD58693-17 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 92.4			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496016.D	1	01/19/23 07:21	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	16.2 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	16	ug/kg	
11104-28-2	Aroclor 1221	ND	33	21	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	30	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	14	ug/kg	
37324-23-5	Aroclor 1262	ND	33	22	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	72%		10-174%		
877-09-8	Tetrachloro-m-xylene	78%		10-174%		
2051-24-3	Decachlorobiphenyl	79%		10-195%		
2051-24-3	Decachlorobiphenyl	82%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(2-2.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-17	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.4
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7060	57	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Antimony ^a	< 4.6	4.6	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Arsenic	8.7	2.3	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Barium	55.4	23	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Beryllium	0.31	0.23	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Cadmium ^a	< 1.1	1.1	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Calcium	11400	570	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Chromium ^a	37.0	2.3	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Cobalt	9.1	5.7	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Copper ^a	73.8	5.7	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Iron	35700	110	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Lead	38.8	2.3	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Magnesium	6100	570	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Manganese	321	1.7	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Mercury	0.073	0.033	mg/kg	1	01/17/23	01/17/23	LM	SW846 7471B ¹ SW846 7471B ⁵
Nickel	43.0	4.6	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Potassium	1780	1100	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Selenium ^a	< 4.6	4.6	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Silver ^a	1.1	1.1	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Thallium ^a	< 2.3	2.3	mg/kg	2	01/16/23	01/18/23	ND	SW846 6010D ³ SW846 3050B ⁴
Vanadium	20.1	5.7	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴
Zinc	47.3	5.7	mg/kg	1	01/16/23	01/17/23	ND	SW846 6010D ² SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53609

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37466

(a) Elevated detection limit due to dilution required for high interfering element.

Report of Analysis

Page 1 of 1

Client Sample ID: SB19(2-2.5)**Lab Sample ID:** JD58693-17**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 92.4**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.27	0.27	mg/kg	1	01/19/23 11:09	MM	SW846 9012B/LACHAT
Solids, Percent	92.4		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB19(8.5-9)						
Lab Sample ID:	JD58693-18					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	93.5
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180983.D	1	01/17/23 21:46	PS	01/13/23 09:00	n/a	V3C7932
Run #2							

	Initial Weight
Run #1	6.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	21.3	8.4	3.5	ug/kg	
71-43-2	Benzene	ND	0.42	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.2	0.47	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.36	ug/kg	
75-25-2	Bromoform	ND	4.2	1.1	ug/kg	
74-83-9	Bromomethane	ND	4.2	0.64	ug/kg	
78-93-3	2-Butanone (MEK)	3.9	8.4	2.0	ug/kg	J
75-15-0	Carbon disulfide	ND	1.7	0.45	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.38	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.49	ug/kg	
67-66-3	Chloroform	ND	1.7	0.43	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.6	ug/kg	
110-82-7	Cyclohexane	ND	1.7	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.7	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.47	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.84	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.84	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.84	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.84	0.41	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.2	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.84	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.84	0.39	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.84	0.55	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.84	0.70	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.84	0.51	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.38	ug/kg	
100-41-4	Ethylbenzene	ND	0.84	0.38	ug/kg	
76-13-1	Freon 113	ND	4.2	2.2	ug/kg	
591-78-6	2-Hexanone ^a	ND	4.2	1.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(8.5-9)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-18	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.5
Method:	SW846 8260D SW846 5035		
Project:	100 Main Street, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.7	1.2	ug/kg	
79-20-9	Methyl Acetate	ND	4.2	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.7	0.73	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.84	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.2	1.9	ug/kg	
75-09-2	Methylene chloride	ND	4.2	2.2	ug/kg	
100-42-5	Styrene	ND	1.7	0.34	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.50	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.48	ug/kg	
108-88-3	Toluene	ND	0.84	0.44	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.2	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.40	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.46	ug/kg	
79-01-6	Trichloroethene	ND	0.84	0.64	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.2	0.57	ug/kg	
75-01-4	Vinyl chloride	ND	1.7	0.40	ug/kg	
	m,p-Xylene	ND	0.84	0.75	ug/kg	
95-47-6	o-Xylene	ND	0.84	0.38	ug/kg	
1330-20-7	Xylene (total)	ND	0.84	0.38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(8.5-9)						
Lab Sample ID:	JD58693-18					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	93.5
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212267.D	1	01/19/23 12:49	KH	01/18/23 09:00	OP44224	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	62	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	69	22	ug/kg	
	3&4-Methylphenol	ND	69	29	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	93	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	69	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^a	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	42.0	35	12	ug/kg	
208-96-8	Acenaphthylene	19.5	35	18	ug/kg	J
98-86-2	Acetophenone	ND	170	7.5	ug/kg	
120-12-7	Anthracene	129	35	21	ug/kg	
1912-24-9	Atrazine ^a	ND	69	15	ug/kg	
56-55-3	Benzo(a)anthracene	291	35	9.8	ug/kg	
50-32-8	Benzo(a)pyrene ^b	305	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	297	35	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^b	195	35	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	103	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	8.5	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	8.3	ug/kg	
106-47-8	4-Chloroaniline	ND	170	13	ug/kg	
86-74-8	Carbazole	41.6	69	5.0	ug/kg	J

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RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(8.5-9)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-18	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.5
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	14	ug/kg	
218-01-9	Chrysene	273	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	7.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	35	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	69	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^b	46.9	35	15	ug/kg	
132-64-9	Dibenzofuran	40.5	69	14	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	69	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.6	ug/kg	
84-66-2	Diethyl phthalate	ND	69	7.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	8.1	ug/kg	
206-44-0	Fluoranthene	657	35	15	ug/kg	
86-73-7	Fluorene	59.6	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	8.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^b	259	35	16	ug/kg	J
78-59-1	Isophorone	ND	69	7.4	ug/kg	
91-57-6	2-Methylnaphthalene	16.5	35	7.8	ug/kg	J
88-74-4	2-Nitroaniline	ND	170	8.2	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.7	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	170	9.0	ug/kg	
91-20-3	Naphthalene	23.7	35	9.8	ug/kg	J
98-95-3	Nitrobenzene	ND	69	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	511	35	12	ug/kg	
129-00-0	Pyrene	566	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		10-99%

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(8.5-9)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-18	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.5
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	40%		10-96%
118-79-6	2,4,6-Tribromophenol	58%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	43%		11-109%
1718-51-0	Terphenyl-d14	49%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	590	ug/kg	J
	System Artifact	14.53	180	ug/kg	JN
	unknown PAH substance	17.01	170	ug/kg	J
	Total TIC, Semi-Volatile		350	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

(b) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(8.5-9)						
Lab Sample ID:	JD58693-18					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8082A SW846 3546					Percent Solids:	93.5
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496017.D	1	01/19/23 07:38	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	22	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	31	ug/kg	
11097-69-1	Aroclor 1254	70.9	34	18	ug/kg	
11096-82-5	Aroclor 1260	ND	34	15	ug/kg	
11100-14-4	Aroclor 1268	ND	34	14	ug/kg	
37324-23-5	Aroclor 1262	ND	34	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%		10-174%
877-09-8	Tetrachloro-m-xylene	67%		10-174%
2051-24-3	Decachlorobiphenyl	72%		10-195%
2051-24-3	Decachlorobiphenyl	71%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB19(8.5-9)**Lab Sample ID:** JD58693-18**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 93.5**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7920	55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	74.5	22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.46	0.22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.55	0.55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	3800	550	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	15.8	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	< 5.5	5.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	18.4	2.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	13500	55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	39.8	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	4020	550	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	214	1.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	0.14	0.033	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	11.7	4.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	1980	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.55	0.55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	21.2	5.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	50.9	5.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37466

Report of Analysis

Page 1 of 1

Client Sample ID:	SB19(8.5-9)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-18	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.5
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.28	0.28	mg/kg	1	01/19/23 11:09	MM	SW846 9012B/LACHAT
Solids, Percent	93.5		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB19(14-14.5)						
Lab Sample ID:	JD58693-19					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	90.4
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180984.D	1	01/17/23 22:11	PS	01/13/23 09:00	n/a	V3C7932
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.9	10	4.2	ug/kg	
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform	ND	5.0	1.4	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.77	ug/kg	
78-93-3	2-Butanone (MEK)	3.5	10	2.4	ug/kg	J
75-15-0	Carbon disulfide	0.85	2.0	0.54	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.0	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.46	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.59	ug/kg	
67-66-3	Chloroform	ND	2.0	0.52	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.70	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.56	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.55	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.61	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.48	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.46	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.46	ug/kg	
76-13-1	Freon 113	ND	5.0	2.7	ug/kg	
591-78-6	2-Hexanone ^a	ND	5.0	2.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(14-14.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-19	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.4
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.88	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.40	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.58	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.49	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.56	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.69	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.90	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.46	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	94%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	11.55	5.6	ug/kg	J
	unknown	12.09	6.2	ug/kg	J
	Total TIC, Volatile		11.8	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(14-14.5)						
Lab Sample ID:	JD58693-19					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	90.4
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212286.D	2	01/19/23 14:33	KH	01/18/23 09:00	OP44224	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	140	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	360	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	360	61	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	360	130	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	360	270	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	360	77	ug/kg	
95-48-7	2-Methylphenol	ND	140	46	ug/kg	
	3&4-Methylphenol	ND	140	59	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	360	47	ug/kg	
100-02-7	4-Nitrophenol	ND	720	190	ug/kg	
87-86-5	Pentachlorophenol	ND	290	67	ug/kg	
108-95-2	Phenol	ND	140	37	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	360	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^a	ND	360	54	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	360	43	ug/kg	
83-32-9	Acenaphthene	ND	72	25	ug/kg	
208-96-8	Acenaphthylene	ND	72	36	ug/kg	
98-86-2	Acetophenone	ND	360	15	ug/kg	
120-12-7	Anthracene	ND	72	44	ug/kg	
1912-24-9	Atrazine ^a	ND	140	31	ug/kg	
56-55-3	Benzo(a)anthracene	ND	72	20	ug/kg	
50-32-8	Benzo(a)pyrene ^a	ND	72	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	72	32	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^a	ND	72	36	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	72	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	140	28	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	140	17	ug/kg	
92-52-4	1,1'-Biphenyl	ND	140	9.8	ug/kg	
100-52-7	Benzaldehyde	ND	360	18	ug/kg	
91-58-7	2-Chloronaphthalene	ND	140	17	ug/kg	
106-47-8	4-Chloroaniline	ND	360	26	ug/kg	
86-74-8	Carbazole	ND	140	10	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(14-14.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-19	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	140	28	ug/kg	
218-01-9	Chrysene	ND	72	23	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	140	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	140	31	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	140	26	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	140	23	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	72	22	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	72	36	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	140	60	ug/kg	
123-91-1	1,4-Dioxane	ND	72	47	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^a	ND	72	32	ug/kg	
132-64-9	Dibenzofuran	ND	140	29	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	140	12	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	140	18	ug/kg	
84-66-2	Diethyl phthalate	ND	140	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	140	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	140	17	ug/kg	
206-44-0	Fluoranthene	ND	72	32	ug/kg	
86-73-7	Fluorene	ND	72	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	140	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	72	29	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	720	28	ug/kg	
67-72-1	Hexachloroethane	ND	360	35	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^a	ND	72	34	ug/kg	
78-59-1	Isophorone	ND	140	15	ug/kg	
91-57-6	2-Methylnaphthalene	ND	72	16	ug/kg	
88-74-4	2-Nitroaniline	ND	360	17	ug/kg	
99-09-2	3-Nitroaniline	ND	360	18	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	360	19	ug/kg	
91-20-3	Naphthalene	ND	72	20	ug/kg	
98-95-3	Nitrobenzene	ND	140	28	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	140	21	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	360	26	ug/kg	
85-01-8	Phenanthrene	ND	72	24	ug/kg	
129-00-0	Pyrene	25.6	72	23	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	360	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		10-99%

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Report of Analysis

Client Sample ID:	SB19(14-14.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-19	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	52%		10-96%
118-79-6	2,4,6-Tribromophenol	76%		10-123%
4165-60-0	Nitrobenzene-d5	55%		10-109%
321-60-8	2-Fluorobiphenyl	57%		11-109%
1718-51-0	Terphenyl-d14	62%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.50	1200	ug/kg	J
	System Artifact	14.53	430	ug/kg	JN
	Total TIC, Semi-Volatile		430	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB19(14-14.5) Lab Sample ID: JD58693-19 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 90.4			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2496018.D	1	01/19/23 07:56	RK	01/17/23 20:25	OP44234	GXX8046
Run #2							
	Initial Weight	Final Volume					
Run #1	15.4 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	19	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	15	ug/kg	
37324-23-5	Aroclor 1262	ND	36	23	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	84%		10-174%		
877-09-8	Tetrachloro-m-xylene	86%		10-174%		
2051-24-3	Decachlorobiphenyl	81%		10-195%		
2051-24-3	Decachlorobiphenyl	84%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB19(14-14.5)**Lab Sample ID:** JD58693-19**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 90.4**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5770	56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.3	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.3	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	39.8	23	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.28	0.23	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.56	0.56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	18400	560	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	11.2	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	< 5.6	5.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	12.9	2.8	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	10400	56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	6.0	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	12000	560	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	167	1.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	0.037	0.032	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	9.4	4.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	1870	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.3	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.56	0.56	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	15.1	5.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	29.9	5.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Prep QC Batch: MP37447

(4) Prep QC Batch: MP37466

Report of Analysis

Page 1 of 1

Client Sample ID: SB19(14-14.5)**Lab Sample ID:** JD58693-19**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 90.4**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.26	0.26	mg/kg	1	01/19/23 11:10	MM	SW846 9012B/LACHAT
Solids, Percent	90.4		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB19(15.5-16)						
Lab Sample ID:	JD58693-20					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	92.9
Project:	100 Main Street, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C180985.D	1	01/17/23 22:36	PS	01/13/23 09:00	n/a	V3C7932
Run #2 ^a	1C191022.D	1	01/18/23 15:52	CL	01/13/23 09:00	n/a	V1C8301

	Initial Weight
Run #1	6.4 g
Run #2	5.8 g

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	26.8	8.4	3.5	ug/kg	
71-43-2	Benzene	0.41	0.42	0.38	ug/kg	J
74-97-5	Bromochloromethane	ND	4.2	0.47	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.36	ug/kg	
75-25-2	Bromoform	ND	4.2	1.1	ug/kg	
74-83-9	Bromomethane	ND	4.2	0.64	ug/kg	
78-93-3	2-Butanone (MEK)	3.5	8.4	2.0	ug/kg	J
75-15-0	Carbon disulfide	2.1	1.7	0.45	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.39	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.44	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.6	ug/kg	
110-82-7	Cyclohexane	ND	1.7	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.7	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.47	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.84	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.84	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.84	0.42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.84	0.42	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.2	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.84	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.84	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.84	0.55	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.84	0.71	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.84	0.51	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.38	ug/kg	
100-41-4	Ethylbenzene	ND	0.84	0.38	ug/kg	
76-13-1	Freon 113	ND	4.2	2.2	ug/kg	
591-78-6	2-Hexanone ^b	ND	4.2	1.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(15.5-16)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-20	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.9
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.7	1.2	ug/kg	
79-20-9	Methyl Acetate	ND	4.2	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.7	0.74	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.84	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.2	1.9	ug/kg	
75-09-2	Methylene chloride	ND	4.2	2.2	ug/kg	
100-42-5	Styrene	ND	1.7	0.34	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.50	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.49	ug/kg	
108-88-3	Toluene	ND	0.84	0.44	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.2	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.47	ug/kg	
79-01-6	Trichloroethene	ND	0.84	0.64	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.2	0.58	ug/kg	
75-01-4	Vinyl chloride	ND	1.7	0.40	ug/kg	
	m,p-Xylene	ND	0.84	0.75	ug/kg	
95-47-6	o-Xylene	ND	0.84	0.39	ug/kg	
1330-20-7	Xylene (total)	ND	0.84	0.39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	49% ^c	73% ^c	80-124%
17060-07-0	1,2-Dichloroethane-D4	99%	115%	75-133%
2037-26-5	Toluene-D8	98%	98%	79-125%
460-00-4	4-Bromofluorobenzene	93%	96%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alcohols	4.80	6.9	ug/kg	J
	Total TIC, Volatile		6.9	ug/kg	J

(a) Confirmation run.

(b) Associated CCV outside of control limits high, sample was ND.

(c) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(15.5-16)						
Lab Sample ID:	JD58693-20					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F212269.D	1	01/19/23 13:41	KH	01/18/23 09:00	OP44224	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	180	38	ug/kg	
95-48-7	2-Methylphenol	ND	72	23	ug/kg	
	3&4-Methylphenol	ND	72	29	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	96	ug/kg	
87-86-5	Pentachlorophenol	ND	140	34	ug/kg	
108-95-2	Phenol	ND	72	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^a	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^a	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	20.4	36	12	ug/kg	J
208-96-8	Acenaphthylene	ND	36	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.7	ug/kg	
120-12-7	Anthracene	67.7	36	22	ug/kg	
1912-24-9	Atrazine ^a	ND	72	15	ug/kg	
56-55-3	Benzo(a)anthracene	439	36	10	ug/kg	
50-32-8	Benzo(a)pyrene ^b	525	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	495	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^b	308	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	170	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	8.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	72	4.9	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	8.5	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	26.1	72	5.2	ug/kg	J

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(15.5-16)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-20	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.9
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	14	ug/kg	
218-01-9	Chrysene	447	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	72	7.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	72	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^a	ND	72	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^b	104	36	16	ug/kg	
132-64-9	Dibenzofuran	20.7	72	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	72	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	72	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	72	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	72	8.4	ug/kg	
206-44-0	Fluoranthene	463	36	16	ug/kg	
86-73-7	Fluorene	27.7	36	16	ug/kg	J
118-74-1	Hexachlorobenzene	ND	72	9.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^b	399	36	17	ug/kg	J
78-59-1	Isophorone	ND	72	7.7	ug/kg	
91-57-6	2-Methylnaphthalene	15.1	36	8.1	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.5	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.0	ug/kg	
100-01-6	4-Nitroaniline ^a	ND	180	9.3	ug/kg	
91-20-3	Naphthalene	29.9	36	10	ug/kg	J
98-95-3	Nitrobenzene	ND	72	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	217	36	12	ug/kg	
129-00-0	Pyrene	483	36	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		10-99%

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Report of Analysis

Client Sample ID:	SB19(15.5-16)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-20	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.9
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	54%		10-96%
118-79-6	2,4,6-Tribromophenol	44%		10-123%
4165-60-0	Nitrobenzene-d5	58%		10-109%
321-60-8	2-Fluorobiphenyl	62%		11-109%
1718-51-0	Terphenyl-d14	68%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	3.10	180	ug/kg	J
	unknown	3.17	170	ug/kg	J
	unknown	3.35	910	ug/kg	J
	system artifact/aldol-condensation	3.58	97000	ug/kg	J
	unknown	4.05	150	ug/kg	J
	unknown	10.99	200	ug/kg	J
	System Artifact	14.54	290	ug/kg	JN
	Chrysene methyl	15.09	280	ug/kg	J
	Chrysene methyl	15.16	170	ug/kg	J
	unknown	15.89	170	ug/kg	J
	unknown	16.08	160	ug/kg	J
	unknown PAH substance	16.67	160	ug/kg	J
	unknown PAH substance	17.01	380	ug/kg	J
	unknown	17.77	160	ug/kg	J
	unknown	18.72	160	ug/kg	J
	unknown	19.02	200	ug/kg	J
	Total TIC, Semi-Volatile		3740	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

(b) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(15.5-16)						
Lab Sample ID:	JD58693-20					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8082A SW846 3546					Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM4054.D	1	01/18/23 23:08	RK	01/17/23 20:25	OP44235	GRM97
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	16	ug/kg	
11104-28-2	Aroclor 1221	ND	33	21	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	30	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	14	ug/kg	
37324-23-5	Aroclor 1262	ND	33	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	119%		10-174%
877-09-8	Tetrachloro-m-xylene	134%		10-174%
2051-24-3	Decachlorobiphenyl	113%		10-195%
2051-24-3	Decachlorobiphenyl	167%		10-195%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB19(15.5-16)**Lab Sample ID:** JD58693-20**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 92.9**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5990	54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Antimony	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Arsenic	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Barium	47.4	22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Beryllium	0.27	0.22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cadmium	< 0.54	0.54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Calcium	23600	1100	mg/kg	2	01/16/23	01/18/23 ND	SW846 6010D ³	SW846 3050B ⁴
Chromium	17.9	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cobalt	< 5.4	5.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Copper	16.7	2.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Iron	11100	54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Lead	15.6	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Magnesium	4750	540	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Manganese	156	1.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Mercury	0.068	0.032	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	8.1	4.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Potassium	1460	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Selenium	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Silver	< 0.54	0.54	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Vanadium	24.1	5.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Zinc	27.9	5.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53604

(3) Instrument QC Batch: MA53609

(4) Prep QC Batch: MP37447

(5) Prep QC Batch: MP37466

Report of Analysis

Page 1 of 1

Client Sample ID:	SB19(15.5-16)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-20	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.27	0.27	mg/kg	1	01/19/23 11:21	MM	SW846 9012B/LACHAT
Solids, Percent	92.9		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB11(1-1.5)						
Lab Sample ID:	JD58693-21					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	93.9
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C191001.D	1	01/17/23 21:21	CL	01/13/23 09:30	n/a	V1C8300
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.6	3.6	ug/kg	
71-43-2	Benzene	ND	0.43	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	4.3	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.37	ug/kg	
75-25-2	Bromoform	ND	4.3	1.2	ug/kg	
74-83-9	Bromomethane ^a	ND	4.3	0.66	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.6	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	1.7	0.46	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.39	ug/kg	
75-00-3	Chloroethane	ND	4.3	0.51	ug/kg	
67-66-3	Chloroform	ND	1.7	0.45	ug/kg	
74-87-3	Chloromethane	ND	4.3	1.7	ug/kg	
110-82-7	Cyclohexane	ND	1.7	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.7	0.60	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.48	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.86	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.86	0.47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.86	0.43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.86	0.42	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.3	0.62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.86	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.86	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.86	0.56	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.72	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.86	0.52	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.39	ug/kg	
100-41-4	Ethylbenzene	ND	0.86	0.39	ug/kg	
76-13-1	Freon 113	ND	4.3	2.3	ug/kg	
591-78-6	2-Hexanone	ND	4.3	1.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(1-1.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-21	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.9
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.7	1.2	ug/kg	
79-20-9	Methyl Acetate	ND	4.3	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.7	0.75	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.86	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.3	1.9	ug/kg	
75-09-2	Methylene chloride	ND	4.3	2.2	ug/kg	
100-42-5	Styrene	ND	1.7	0.35	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.51	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.50	ug/kg	
108-88-3	Toluene	ND	0.86	0.45	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.3	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.3	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.48	ug/kg	
79-01-6	Trichloroethene	ND	0.86	0.65	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.3	0.59	ug/kg	
75-01-4	Vinyl chloride	ND	1.7	0.41	ug/kg	
	m,p-Xylene	ND	0.86	0.77	ug/kg	
95-47-6	o-Xylene	ND	0.86	0.39	ug/kg	
1330-20-7	Xylene (total)	ND	0.86	0.39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	116%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(1-1.5)						
Lab Sample ID:	JD58693-21					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	93.9
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	F212275.D	1	01/19/23 16:44	KH	01/18/23 10:00	OP44225	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	61	ug/kg	
51-28-5	2,4-Dinitrophenol ^b	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^b	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	69	22	ug/kg	
	3&4-Methylphenol	ND	69	28	ug/kg	
88-75-5	2-Nitrophenol ^b	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	340	92	ug/kg	
87-86-5	Pentachlorophenol	ND	140	32	ug/kg	
108-95-2	Phenol	ND	69	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^b	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^b	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	17.0	34	12	ug/kg	J
208-96-8	Acenaphthylene	21.2	34	18	ug/kg	J
98-86-2	Acetophenone	ND	170	7.4	ug/kg	
120-12-7	Anthracene	59.0	34	21	ug/kg	
1912-24-9	Atrazine ^b	ND	69	15	ug/kg	
56-55-3	Benzo(a)anthracene	229	34	9.8	ug/kg	
50-32-8	Benzo(a)pyrene ^c	271	34	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	262	34	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^c	183	34	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	99.5	34	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	8.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.7	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	8.2	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	26.7	69	5.0	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(1-1.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-21	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.9
Method:	SW846 8270E SW846 3546		
Project:	100 Main Street, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	14	ug/kg	
218-01-9	Chrysene	219	34	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	7.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^b	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^b	ND	34	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^b	ND	69	29	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^c	45.6	34	15	ug/kg	
132-64-9	Dibenzofuran	ND	69	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	69	5.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.6	ug/kg	
84-66-2	Diethyl phthalate	ND	69	7.3	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	8.1	ug/kg	
206-44-0	Fluoranthene	424	34	15	ug/kg	
86-73-7	Fluorene	19.3	34	16	ug/kg	J
118-74-1	Hexachlorobenzene	ND	69	8.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^c	244	34	16	ug/kg	J
78-59-1	Isophorone	ND	69	7.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	34	7.8	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.1	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.6	ug/kg	
100-01-6	4-Nitroaniline ^b	ND	170	8.9	ug/kg	
91-20-3	Naphthalene	ND	34	9.7	ug/kg	
98-95-3	Nitrobenzene	ND	69	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	227	34	12	ug/kg	
129-00-0	Pyrene	369	34	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(1-1.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-21	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.9
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	35%		10-96%
118-79-6	2,4,6-Tribromophenol	51%		10-123%
4165-60-0	Nitrobenzene-d5	37%		10-109%
321-60-8	2-Fluorobiphenyl	40%		11-109%
1718-51-0	Terphenyl-d14	43%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	1200	ug/kg	J
	System Artifact	14.54	190	ug/kg	JN
	unknown PAH substance	17.01	160	ug/kg	J
	Total TIC, Semi-Volatile		160	ug/kg	J

- (a) Preliminary Data
 (b) Associated CCV outside of control limits high, sample was ND.
 (c) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB11(1-1.5) Lab Sample ID: JD58693-21 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 93.9			
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM4055.D	1	01/18/23 23:24	RK	01/17/23 20:25	OP44235	GRM97
Run #2							
	Initial Weight	Final Volume					
Run #1	15.5 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	22	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	31	ug/kg	
11097-69-1	Aroclor 1254	ND	34	18	ug/kg	
11096-82-5	Aroclor 1260	ND	34	15	ug/kg	
11100-14-4	Aroclor 1268	ND	34	14	ug/kg	
37324-23-5	Aroclor 1262	ND	34	22	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	96%		10-174%		
877-09-8	Tetrachloro-m-xylene	106%		10-174%		
2051-24-3	Decachlorobiphenyl	92%		10-195%		
2051-24-3	Decachlorobiphenyl	133%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB11(1-1.5)**Lab Sample ID:** JD58693-21**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 93.9**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	8250	52	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	60.2	21	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.37	0.21	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.52	0.52	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	11600	520	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	14.5	1.0	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	6.3	5.2	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	18.7	2.6	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	13300	52	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	49.2	2.1	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	7270	520	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	210	1.6	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	0.14	0.034	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	12.5	4.2	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	1900	1000	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.52	0.52	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1000	1000	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.0	1.0	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	22.1	5.2	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	58.6	5.2	mg/kg	1	01/16/23	01/16/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53601

(3) Prep QC Batch: MP37446

(4) Prep QC Batch: MP37466

Report of Analysis

Page 1 of 1

Client Sample ID:	SB11(1-1.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-21	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	93.9
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.28	0.28	mg/kg	1	01/19/23 11:14	MM	SW846 9012B/LACHAT
Solids, Percent	93.9		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB11(7-7.5)						
Lab Sample ID:	JD58693-22					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	92.8
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C191002.D	1	01/17/23 21:48	CL	01/13/23 09:30	n/a	V1C8300
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.5	3.9	ug/kg	
71-43-2	Benzene	ND	0.47	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.53	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.41	ug/kg	
75-25-2	Bromoform	ND	4.7	1.3	ug/kg	
74-83-9	Bromomethane ^a	ND	4.7	0.72	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.5	2.3	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.51	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.43	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.56	ug/kg	
67-66-3	Chloroform	ND	1.9	0.49	ug/kg	
74-87-3	Chloromethane	ND	4.7	1.9	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.62	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.66	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.53	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.95	0.40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.95	0.52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.95	0.47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.95	0.47	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	0.69	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.95	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.95	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.95	0.62	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.95	0.79	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.95	0.58	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.45	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.45	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.43	ug/kg	
100-41-4	Ethylbenzene	ND	0.95	0.43	ug/kg	
76-13-1	Freon 113	ND	4.7	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.7	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(7-7.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-22	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.8
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.7	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.83	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.95	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.7	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.7	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.38	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.57	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.55	ug/kg	
108-88-3	Toluene	ND	0.95	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.52	ug/kg	
79-01-6	Trichloroethene	ND	0.95	0.72	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	0.65	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.95	0.85	ug/kg	
95-47-6	o-Xylene	ND	0.95	0.43	ug/kg	
1330-20-7	Xylene (total)	ND	0.95	0.43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	98%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(7-7.5)						
Lab Sample ID:	JD58693-22					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	92.8
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	F212272.D	1	01/19/23 15:26	KH	01/18/23 10:00	OP44225	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol ^b	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^b	ND	180	38	ug/kg	
95-48-7	2-Methylphenol	ND	71	23	ug/kg	
	3&4-Methylphenol	ND	71	29	ug/kg	
88-75-5	2-Nitrophenol ^b	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	95	ug/kg	
87-86-5	Pentachlorophenol	ND	140	34	ug/kg	
108-95-2	Phenol	ND	71	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^b	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^b	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	47.8	36	12	ug/kg	
208-96-8	Acenaphthylene	19.4	36	18	ug/kg	J
98-86-2	Acetophenone	ND	180	7.7	ug/kg	
120-12-7	Anthracene	106	36	22	ug/kg	
1912-24-9	Atrazine ^b	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	271	36	10	ug/kg	
50-32-8	Benzo(a)pyrene ^c	310	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	313	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^c	205	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	122	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	4.9	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.5	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	45.5	71	5.2	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(7-7.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-22	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.8
Method:	SW846 8270E SW846 3546		
Project:	100 Main Street, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	71	14	ug/kg	
218-01-9	Chrysene	264	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^b	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^b	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^b	ND	71	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^c	56.1	36	16	ug/kg	
132-64-9	Dibenzofuran	25.3	71	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	71	8.3	ug/kg	
206-44-0	Fluoranthene	561	36	16	ug/kg	
86-73-7	Fluorene	47.3	36	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^c	271	36	17	ug/kg	J
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	15.8	36	8.1	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.4	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.9	ug/kg	
100-01-6	4-Nitroaniline ^b	ND	180	9.2	ug/kg	
91-20-3	Naphthalene	24.3	36	10	ug/kg	J
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	408	36	12	ug/kg	
129-00-0	Pyrene	465	36	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		10-99%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(7-7.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-22	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	92.8
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	47%		10-96%
118-79-6	2,4,6-Tribromophenol	61%		10-123%
4165-60-0	Nitrobenzene-d5	50%		10-109%
321-60-8	2-Fluorobiphenyl	50%		11-109%
1718-51-0	Terphenyl-d14	54%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	680	ug/kg	J
	System Artifact	14.53	200	ug/kg	JN
	unknown PAH substance	17.01	150	ug/kg	J
	Total TIC, Semi-Volatile		150	ug/kg	J

- (a) Preliminary Data
 (b) Associated CCV outside of control limits high, sample was ND.
 (c) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(7-7.5)						
Lab Sample ID:	JD58693-22					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8082A SW846 3546					Percent Solids:	92.8
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM4056.D	1	01/18/23 23:39	RK	01/17/23 20:25	OP44235	GRM97
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	19	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	15	ug/kg	
37324-23-5	Aroclor 1262	ND	36	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		10-174%
877-09-8	Tetrachloro-m-xylene	96%		10-174%
2051-24-3	Decachlorobiphenyl	83%		10-195%
2051-24-3	Decachlorobiphenyl	115%		10-195%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB11(7-7.5)**Lab Sample ID:** JD58693-22**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 92.8**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	8660	51	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	61.4	21	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.31	0.21	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.51	0.51	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	14300	510	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	13.4	1.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	7.7	5.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	35.1	2.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	14700	51	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	39.0	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	9050	510	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	183	1.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	0.073	0.034	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	12.8	4.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	1740	1000	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.51	0.51	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1000	1000	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.0	1.0	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	32.7	5.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	47.5	5.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53601

(3) Prep QC Batch: MP37446

(4) Prep QC Batch: MP37466

Report of Analysis

Page 1 of 1

Client Sample ID: SB11(7-7.5)**Lab Sample ID:** JD58693-22**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 92.8**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.25	0.25	mg/kg	1	01/19/23 11:15	MM	SW846 9012B/LACHAT
Solids, Percent	92.8		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB11(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-23	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C191003.D	1	01/17/23 22:14	CL	01/13/23 09:30	n/a	V1C8300
Run #2							

	Initial Weight
Run #1	3.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	40.3	15	6.1	ug/kg	
71-43-2	Benzene	ND	0.74	0.67	ug/kg	
74-97-5	Bromochloromethane	ND	7.4	0.82	ug/kg	
75-27-4	Bromodichloromethane	ND	2.9	0.63	ug/kg	
75-25-2	Bromoform	ND	7.4	2.0	ug/kg	
74-83-9	Bromomethane ^a	ND	7.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	3.6	ug/kg	
75-15-0	Carbon disulfide	1.8	2.9	0.79	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.9	0.91	ug/kg	
108-90-7	Chlorobenzene	ND	2.9	0.68	ug/kg	
75-00-3	Chloroethane	ND	7.4	0.87	ug/kg	
67-66-3	Chloroform	ND	2.9	0.76	ug/kg	
74-87-3	Chloromethane	ND	7.4	2.9	ug/kg	
110-82-7	Cyclohexane	ND	2.9	0.97	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.9	0.82	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.62	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.80	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.73	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.73	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.4	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.73	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.69	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.96	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.90	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.9	0.70	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	0.70	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	0.67	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.67	ug/kg	
76-13-1	Freon 113	ND	7.4	3.9	ug/kg	
591-78-6	2-Hexanone	ND	7.4	3.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-23	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.9	2.1	ug/kg	
79-20-9	Methyl Acetate	ND	7.4	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	2.9	1.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.69	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.4	3.3	ug/kg	
75-09-2	Methylene chloride	ND	7.4	3.8	ug/kg	
100-42-5	Styrene	ND	2.9	0.59	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	0.88	ug/kg	
127-18-4	Tetrachloroethene	ND	2.9	0.85	ug/kg	
108-88-3	Toluene	ND	1.5	0.77	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.4	3.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.4	3.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.9	0.71	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.9	0.82	ug/kg	
79-01-6	Trichloroethene	ND	1.5	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.4	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.9	0.71	ug/kg	
	m,p-Xylene	ND	1.5	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.67	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	119%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	15.12	12	ug/kg	J
	cycloalkane	15.57	12	ug/kg	J
	cycloalkane	15.88	16	ug/kg	J
	unknown	16.03	39	ug/kg	J
	alkane	16.23	21	ug/kg	J
	alkane	16.42	36	ug/kg	J
	alkane	16.52	58	ug/kg	J
	unknown	16.76	35	ug/kg	J
	unknown	16.99	52	ug/kg	J
	unknown	17.10	47	ug/kg	J

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-23	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	17.24	110	ug/kg	J
	cycloalkane	17.40	33	ug/kg	J
	cycloalkane	17.76	110	ug/kg	J
	unknown	18.66	13	ug/kg	J
	unknown	19.12	17	ug/kg	J
	Total TIC, Volatile		611	ug/kg	J

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(12-12.5)						
Lab Sample ID:	JD58693-23					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	89.4
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	F212273.D	1	01/19/23 15:52	KH	01/18/23 10:00	OP44225	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	31.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol ^b	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^b	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	72	23	ug/kg	
	3&4-Methylphenol	ND	72	30	ug/kg	
88-75-5	2-Nitrophenol ^b	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	96	ug/kg	
87-86-5	Pentachlorophenol	ND	140	34	ug/kg	
108-95-2	Phenol	ND	72	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^b	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^b	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	ND	36	12	ug/kg	
208-96-8	Acenaphthylene	26.9	36	18	ug/kg	J
98-86-2	Acetophenone	ND	180	7.8	ug/kg	
120-12-7	Anthracene	24.1	36	22	ug/kg	J
1912-24-9	Atrazine ^b	ND	72	15	ug/kg	
56-55-3	Benzo(a)anthracene	161	36	10	ug/kg	
50-32-8	Benzo(a)pyrene ^c	197	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	184	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^c	130	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	72.2	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	8.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	72	4.9	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	8.6	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	72	5.2	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-23	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Street, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	14	ug/kg	
218-01-9	Chrysene	147	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	72	7.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	72	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^b	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^b	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^b	ND	72	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^c	33.7	36	16	ug/kg	J
132-64-9	Dibenzofuran	ND	72	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	72	5.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	72	9.0	ug/kg	
84-66-2	Diethyl phthalate	ND	72	7.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	72	8.4	ug/kg	
206-44-0	Fluoranthene	133	36	16	ug/kg	
86-73-7	Fluorene	ND	36	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	72	9.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^c	179	36	17	ug/kg	J
78-59-1	Isophorone	ND	72	7.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	36	8.2	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.5	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.0	ug/kg	
100-01-6	4-Nitroaniline ^b	ND	180	9.3	ug/kg	
91-20-3	Naphthalene	ND	36	10	ug/kg	
98-95-3	Nitrobenzene	ND	72	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	43.3	36	12	ug/kg	
129-00-0	Pyrene	296	36	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(12-12.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-23	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	89.4
Method:	SW846 8270E SW846 3546		
Project:	100 Main Street, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	40%		10-96%
118-79-6	2,4,6-Tribromophenol	56%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	44%		11-109%
1718-51-0	Terphenyl-d14	47%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.51	440	ug/kg	J
	alkane	8.11	170	ug/kg	J
	unknown	11.00	150	ug/kg	J
	System Artifact	14.53	210	ug/kg	JN
	Total TIC, Semi-Volatile		320	ug/kg	J

- (a) Preliminary Data
 (b) Associated CCV outside of control limits high, sample was ND.
 (c) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB11(12-12.5) Lab Sample ID: JD58693-23 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: 100 Main Steet, White Plains, NY							
				Date Sampled: 01/12/23 Date Received: 01/13/23 Percent Solids: 89.4			
Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM4061.D	1	01/19/23 00:57	RK	01/17/23 20:25	OP44235	GRM97
Run #2							
Run #	Initial Weight	Final Volume					
Run #1	15.0 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	17	ug/kg	
11104-28-2	Aroclor 1221	ND	37	23	ug/kg	
11141-16-5	Aroclor 1232	ND	37	24	ug/kg	
53469-21-9	Aroclor 1242	ND	37	15	ug/kg	
12672-29-6	Aroclor 1248	ND	37	33	ug/kg	
11097-69-1	Aroclor 1254	69.5	37	20	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	16	ug/kg	
37324-23-5	Aroclor 1262	ND	37	24	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	105%		10-174%		
877-09-8	Tetrachloro-m-xylene	115%		10-174%		
2051-24-3	Decachlorobiphenyl	100%		10-195%		
2051-24-3	Decachlorobiphenyl	133%		10-195%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB11(12-12.5)**Lab Sample ID:** JD58693-23**Matrix:** SO - Soil**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 89.4**Project:** 100 Main Steet, White Plains, NY**Metals Analysis**

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	9920	55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Antimony	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Arsenic	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Barium	101	22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Beryllium	0.54	0.22	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cadmium	< 0.55	0.55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Calcium	2880	550	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Chromium	20.0	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Cobalt	7.6	5.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Copper	18.2	2.8	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Iron	14900	55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Lead	32.0	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Magnesium	4500	550	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Manganese	352	1.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Mercury	0.071	0.029	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁴
Nickel	15.6	4.4	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Potassium	3740	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Selenium	< 2.2	2.2	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Silver	< 0.55	0.55	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Vanadium	26.8	5.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³
Zinc	51.4	5.5	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ³

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53601

(3) Prep QC Batch: MP37446

(4) Prep QC Batch: MP37466

Report of Analysis

Page 1 of 1

Client Sample ID: SB11(12-12.5)**Lab Sample ID:** JD58693-23**Matrix:** SO - Soil**Project:** 100 Main Steet, White Plains, NY**Date Sampled:** 01/12/23**Date Received:** 01/13/23**Percent Solids:** 89.4**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.25	0.25	mg/kg	1	01/19/23 11:16	MM	SW846 9012B/LACHAT
Solids, Percent	89.4		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD

Report of Analysis

Client Sample ID:	SB11(17-17.5)						
Lab Sample ID:	JD58693-24					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8260D SW846 5035					Percent Solids:	90.1
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C191023.D	1	01/18/23 16:18	CL	01/13/23 09:30	n/a	V1C8301
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	16.5	9.6	4.0	ug/kg	
71-43-2	Benzene	ND	0.48	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.41	ug/kg	
75-25-2	Bromoform	ND	4.8	1.3	ug/kg	
74-83-9	Bromomethane ^a	ND	4.8	0.73	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.6	2.3	ug/kg	
75-15-0	Carbon disulfide ^b	1.2	1.9	0.51	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.9	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.44	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.57	ug/kg	
67-66-3	Chloroform	ND	1.9	0.50	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.66	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.54	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.96	0.40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.96	0.52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.96	0.47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.96	0.47	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.70	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.96	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.96	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.80	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.96	0.58	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.45	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.45	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	0.43	ug/kg	
76-13-1	Freon 113	ND	4.8	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.8	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(17-17.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-24	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.8	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.84	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.38	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.57	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.55	ug/kg	
108-88-3	Toluene	ND	0.96	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.53	ug/kg	
79-01-6	Trichloroethene	ND	0.96	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.65	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.46	ug/kg	
	m,p-Xylene	ND	0.96	0.86	ug/kg	
95-47-6	o-Xylene	ND	0.96	0.44	ug/kg	
1330-20-7	Xylene (total)	ND	0.96	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		80-124%
17060-07-0	1,2-Dichloroethane-D4	116%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	16.83	6.3	ug/kg	J
	unknown	16.94	6.9	ug/kg	J
	unknown	17.01	6.6	ug/kg	J
	unknown	17.64	13	ug/kg	J
	cycloalkane	17.76	9.4	ug/kg	J
	unknown	17.98	33	ug/kg	J
	unknown	19.04	14	ug/kg	J
	unknown	19.25	10	ug/kg	J
	unknown	19.73	12	ug/kg	J
	Total TIC, Volatile		111.2	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(17-17.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-24	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8260D SW846 5035		
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q

- (a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- (b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(17-17.5)						
Lab Sample ID:	JD58693-24					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8270E SW846 3546					Percent Solids:	90.1
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	F212274.D	1	01/19/23 16:18	KH	01/18/23 10:00	OP44225	EF9359
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol ^b	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^b	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	ND	73	30	ug/kg	
88-75-5	2-Nitrophenol ^b	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	97	ug/kg	
87-86-5	Pentachlorophenol	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol ^b	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol ^b	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	17.2	36	13	ug/kg	J
208-96-8	Acenaphthylene	ND	36	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.8	ug/kg	
120-12-7	Anthracene	44.9	36	22	ug/kg	
1912-24-9	Atrazine ^b	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	133	36	10	ug/kg	
50-32-8	Benzo(a)pyrene ^c	157	36	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	156	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene ^c	112	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	57.6	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	9.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	23.8	73	5.3	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(17-17.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-24	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8270E SW846 3546		
Project:	100 Main Street, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	14	ug/kg	
218-01-9	Chrysene	125	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^b	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^b	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine ^b	ND	73	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene ^c	26.4	36	16	ug/kg	J
132-64-9	Dibenzofuran	ND	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	5.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	73	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	73	8.5	ug/kg	
206-44-0	Fluoranthene	270	36	16	ug/kg	
86-73-7	Fluorene	ND	36	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	9.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene ^c	146	36	17	ug/kg	J
78-59-1	Isophorone	ND	73	7.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	36	8.2	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.6	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.1	ug/kg	
100-01-6	4-Nitroaniline ^b	ND	180	9.4	ug/kg	
91-20-3	Naphthalene	ND	36	10	ug/kg	
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	180	36	12	ug/kg	
129-00-0	Pyrene	223	36	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		10-99%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(17-17.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-24	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8270E SW846 3546		
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	47%		10-96%
118-79-6	2,4,6-Tribromophenol	39%		10-123%
4165-60-0	Nitrobenzene-d5	50%		10-109%
321-60-8	2-Fluorobiphenyl	52%		11-109%
1718-51-0	Terphenyl-d14	61%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	2.79	230	ug/kg	J
	unknown	3.17	1600	ug/kg	J
	unknown	3.33	370	ug/kg	J
	system artifact/aldol-condensation	3.54	26000	ug/kg	J
	unknown	11.00	240	ug/kg	J
	System Artifact	14.53	220	ug/kg	JN
	Total TIC, Semi-Volatile		2440	ug/kg	J

- (a) Preliminary Data
 (b) Associated CCV outside of control limits high, sample was ND.
 (c) Associated CCV outside of control limits high.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(17-17.5)						
Lab Sample ID:	JD58693-24					Date Sampled:	01/12/23
Matrix:	SO - Soil					Date Received:	01/13/23
Method:	SW846 8082A SW846 3546					Percent Solids:	90.1
Project:	100 Main Steet, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM4062.D	1	01/19/23 01:12	RK	01/17/23 20:25	OP44235	GRM97
Run #2							

	Initial Weight	Final Volume
Run #1	16.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	16	ug/kg	
11104-28-2	Aroclor 1221	ND	33	21	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	30	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	14	ug/kg	
37324-23-5	Aroclor 1262	ND	33	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	124%		10-174%
877-09-8	Tetrachloro-m-xylene	131%		10-174%
2051-24-3	Decachlorobiphenyl	111%		10-195%
2051-24-3	Decachlorobiphenyl	162%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB11(17-17.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-24	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.1
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7120	57	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Antimony	< 2.3	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Arsenic	< 2.3	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Barium	48.9	23	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Beryllium	0.34	0.23	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cadmium	< 0.57	0.57	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Calcium	27800	1100	mg/kg	2	01/16/23	01/17/23 ND	SW846 6010D ³	SW846 3050B ⁴
Chromium	19.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Cobalt	< 5.7	5.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Copper	17.6	2.9	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Iron	10800	57	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Lead	29.3	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Magnesium	6890	570	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Manganese	166	1.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Mercury	0.034	0.028	mg/kg	1	01/17/23	01/17/23 LM	SW846 7471B ¹	SW846 7471B ⁵
Nickel	9.9	4.6	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Potassium	1960	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Selenium	< 2.3	2.3	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Silver	< 0.57	0.57	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Vanadium	21.6	5.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴
Zinc	37.9	5.7	mg/kg	1	01/16/23	01/17/23 ND	SW846 6010D ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA53598

(2) Instrument QC Batch: MA53601

(3) Instrument QC Batch: MA53603

(4) Prep QC Batch: MP37446

(5) Prep QC Batch: MP37466

Report of Analysis

Page 1 of 1

Client Sample ID:	SB11(17-17.5)	Date Sampled:	01/12/23
Lab Sample ID:	JD58693-24	Date Received:	01/13/23
Matrix:	SO - Soil	Percent Solids:	90.1
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.29	0.29	mg/kg	1	01/19/23 11:17	MM	SW846 9012B/LACHAT
Solids, Percent	90.1		%	1	01/18/23 11:40	MK	SM2540 G 18TH ED MOD



ANALYTICAL REPORT

Lab Number:	L2304857
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	100 MAIN ST (SEARS)
Project Number:	12461
Report Date:	02/13/23

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

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



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2304857-01	SB20 (1-1.5)	SOIL	WHITE PLAINS, NY	01/27/23 08:20	01/27/23
L2304857-02	SB20 (13-13.5)	SOIL	WHITE PLAINS, NY	01/27/23 08:25	01/27/23
L2304857-03	SB21 (2-2.5)	SOIL	WHITE PLAINS, NY	01/27/23 09:00	01/27/23
L2304857-04	SB21 (10-10.5)	SOIL	WHITE PLAINS, NY	01/27/23 09:05	01/27/23
L2304857-05	SB22 (3-3.5)	SOIL	WHITE PLAINS, NY	01/27/23 09:50	01/27/23
L2304857-06	SB22 (7-7.5)	SOIL	WHITE PLAINS, NY	01/27/23 09:55	01/27/23
L2304857-07	SB23 (1.5-2)	SOIL	WHITE PLAINS, NY	01/27/23 10:30	01/27/23
L2304857-08	SB23 (8-8.5)	SOIL	WHITE PLAINS, NY	01/27/23 10:35	01/27/23
L2304857-09	SB24 (4.5-5)	SOIL	WHITE PLAINS, NY	01/27/23 11:40	01/27/23
L2304857-10	SB24 (13-13.5)	SOIL	WHITE PLAINS, NY	01/27/23 11:45	01/27/23
L2304857-11	SB25 (.5-1)	SOIL	WHITE PLAINS, NY	01/27/23 12:20	01/27/23
L2304857-12	SB25 (6-6.5)	SOIL	WHITE PLAINS, NY	01/27/23 12:25	01/27/23
L2304857-13	SB26 (4-4.5)	SOIL	WHITE PLAINS, NY	01/27/23 13:00	01/27/23
L2304857-14	SB26 (9.5-10)	SOIL	WHITE PLAINS, NY	01/27/23 13:05	01/27/23
L2304857-15	SB27 (3-3.5)	SOIL	WHITE PLAINS, NY	01/27/23 13:25	01/27/23
L2304857-16	SB27 (11-11.5)	SOIL	WHITE PLAINS, NY	01/27/23 13:30	01/27/23

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

Case Narrative (continued)

Report Submission

February 13, 2023: This final report includes the results of all requested analyses.

February 02, 2023: This is a preliminary report.

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

Volatile Organics

L2304857-04: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (50%), possibly due to the matrix effect caused by the high pH of the sample (>10).

L2304857-16: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (54%), possibly due to the matrix effect caused by the high pH of the sample (>10).

Semivolatile Organics

L2304857-04: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (9%) and 2,4,6-tribromophenol (7%); however, re-extraction achieved similar results: 2-fluorophenol (6%) and 2,4,6-tribromophenol (7%). The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

L2304857-16: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (5%) and 2,4,6-tribromophenol (3%); however, re-extraction achieved similar results: 2-fluorophenol (9%) and 2,4,6-tribromophenol (8%). The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

The WG1738827-2/-3 LCS/LCSD recoveries, associated with L2304857-04RE and -16RE, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Case Narrative (continued)**

L2304857-01 through -16: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1739551-3 LCSD recovery, associated with L2304857-01 through -10, is above the acceptance criteria for cyanide, total (127%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

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

Authorized Signature: Melissa Sturgis**Title:** Technical Director/Representative**Date:** 02/13/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-01
 Client ID: SB20 (1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:20
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 10:15
 Analyst: AJK
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-01

Date Collected: 01/27/23 08:20

Client ID: SB20 (1-1.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	0.20	J	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	5.0	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	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	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-01**Date Collected:** 01/27/23 08:20**Client ID:** SB20 (1-1.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	89		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-02
 Client ID: SB20 (13-13.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:25
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 10:38
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	0.24	J	ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	0.49	J	ug/kg	0.84	0.45	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.48	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-02

Date Collected: 01/27/23 08:25

Client ID: SB20 (13-13.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
Xylenes, Total	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.11	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	0.16	J	ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.76	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.8	1
Vinyl acetate	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.96	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-02**Date Collected:** 01/27/23 08:25**Client ID:** SB20 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	67	29.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	1.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-03
 Client ID: SB21 (2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:00
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 11:00
 Analyst: AJK
 Percent Solids: 94%

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

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03

Date Collected: 01/27/23 09:00

Client ID: SB21 (2-2.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	2.1	J	ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03

Date Collected: 01/27/23 09:00

Client ID: SB21 (2-2.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.35	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	13.5	J	ug/kg	1
Unknown	3.58	J	ug/kg	1
Norflurane	6.58	NJ	ug/kg	1
Acenaphthene	3.33	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-04
 Client ID: SB21 (10-10.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:05
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 11:23
 Analyst: AJK
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	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	0.21	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	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.17	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	0.48	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: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-04
 Client ID: SB21 (10-10.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:05
 Date Received: 01/27/23
 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	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	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	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	17		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	0.22	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	0.18	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	0.18	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	3.2	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	0.72	J	ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-04

Date Collected: 01/27/23 09:05

Client ID: SB21 (10-10.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.19	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	4.06	J	ug/kg	1
Unknown	4.06	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	50	Q	70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-05
 Client ID: SB22 (3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:50
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 11:46
 Analyst: AJK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	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	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-05

Date Collected: 01/27/23 09:50

Client ID: SB22 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-05**Date Collected:** 01/27/23 09:50**Client ID:** SB22 (3-3.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

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

Tentatively Identified Compounds

Total TIC Compounds	10.6	J	ug/kg	1
Unknown	8.12	J	ug/kg	1
Unknown Alkane	2.52	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-06
Client ID: SB22 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:55
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/31/23 12:09
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	2.5		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-06

Date Collected: 01/27/23 09:55

Client ID: SB22 (7-7.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	0.44	J	ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	8.5	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	4.3	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-06**Date Collected:** 01/27/23 09:55**Client ID:** SB22 (7-7.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	5.96	J	ug/kg	1
Unknown	2.38	J	ug/kg	1
Unknown	3.58	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-07

Date Collected: 01/27/23 10:30

Client ID: SB23 (1.5-2)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 01/31/23 12:31

Analyst: AJK

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	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	1.8		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	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: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07

Date Collected: 01/27/23 10:30

Client ID: SB23 (1.5-2)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.26	J	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		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: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-07**Date Collected:** 01/27/23 10:30**Client ID:** SB23 (1.5-2)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	14.9	J	ug/kg	1
Norflurane	10.3	NJ	ug/kg	1
Unknown	4.64	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-08
 Client ID: SB23 (8-8.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:35
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 12:54
 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	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	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	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	2.1		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	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	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-08

Date Collected: 01/27/23 10:35

Client ID: SB23 (8-8.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	0.38	J	ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	11		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	0.20	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	0.48	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	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-08**Date Collected:** 01/27/23 10:35**Client ID:** SB23 (8-8.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.31	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	4.8	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	2.12	J	ug/kg	1
Unknown	2.12	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-09
 Client ID: SB24 (4.5-5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:40
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 13:17
 Analyst: AJK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	2.6		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-09

Date Collected: 01/27/23 11:40

Client ID: SB24 (4.5-5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.38	J	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-09**Date Collected:** 01/27/23 11:40**Client ID:** SB24 (4.5-5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	2.41	J	ug/kg	1
Unknown	2.41	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-10
 Client ID: SB24 (13-13.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:45
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 13:40
 Analyst: AJK
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	3.2		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-10

Date Collected: 01/27/23 11:45

Client ID: SB24 (13-13.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	0.47	J	ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	25		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	3.3	J	ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-10**Date Collected:** 01/27/23 11:45**Client ID:** SB24 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1

Tentatively Identified Compounds

Total TIC Compounds	756	J	ug/kg	1
Unknown	72.3	J	ug/kg	1
Unknown Cyclohexane	76.3	J	ug/kg	1
Unknown	33.2	J	ug/kg	1
Unknown Naphthalene	44.5	J	ug/kg	1
Unknown	38.6	J	ug/kg	1
Unknown	38.6	J	ug/kg	1
Unknown	64.5	J	ug/kg	1
Unknown	65.5	J	ug/kg	1
Unknown	35.8	J	ug/kg	1
Unknown	51.6	J	ug/kg	1
Unknown	58.1	J	ug/kg	1
Unknown Cycloalkane	43.4	J	ug/kg	1
Unknown	36.9	J	ug/kg	1
Unknown	61.8	J	ug/kg	1
Unknown Alkane	34.9	J	ug/kg	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-10

Date Collected: 01/27/23 11:45

Client ID: SB24 (13-13.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	107		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-11
 Client ID: SB25 (.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:20
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 14:03
 Analyst: AJK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	2.8		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	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: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-11

Date Collected: 01/27/23 12:20

Client ID: SB25 (.5-1)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	0.37	J	ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	5.9	J	ug/kg	12	5.8	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	2.6	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	0.60	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	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-11**Date Collected:** 01/27/23 12:20**Client ID:** SB25 (.5-1)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

Total TIC Compounds	5.58	J	ug/kg	1
Unknown	3.08	J	ug/kg	1
Unknown	2.50	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12
Client ID: SB25 (6-6.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/31/23 14:26
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	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	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	2.9		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	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	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12

Date Collected: 01/27/23 12:25

Client ID: SB25 (6-6.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.57	0.16	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	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	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	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	0.43	J	ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	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	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	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	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-12**Date Collected:** 01/27/23 12:25**Client ID:** SB25 (6-6.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	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	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	2.76	J	ug/kg	1
Unknown	2.76	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-13
 Client ID: SB26 (4-4.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:00
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 14:48
 Analyst: AJK
 Percent Solids: 96%

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	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	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	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	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	0.96	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	3.8	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	2.6		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-13

Date Collected: 01/27/23 13:00

Client ID: SB26 (4-4.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	0.38	J	ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	6.1	J	ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	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	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	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	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-13**Date Collected:** 01/27/23 13:00**Client ID:** SB26 (4-4.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.96	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	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	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	2.54	J	ug/kg	1
Norflurane	2.54	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-14
 Client ID: SB26 (9.5-10)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:05
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 15:11
 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	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	2.9		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	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	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-14

Date Collected: 01/27/23 13:05

Client ID: SB26 (9.5-10)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	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	0.22	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	0.26	1
Styrene	0.40	J	ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	7.6	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	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	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	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	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-14**Date Collected:** 01/27/23 13:05**Client ID:** SB26 (9.5-10)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	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	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	3.30	J	ug/kg	1
Unknown	3.30	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-15

Date Collected: 01/27/23 13:25

Client ID: SB27 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 01/31/23 15:34

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	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.15	1
Benzene	ND		ug/kg	0.47	0.15	1
Toluene	2.2		ug/kg	0.93	0.51	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-15

Date Collected: 01/27/23 13:25

Client ID: SB27 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	0.22	J	ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-15**Date Collected:** 01/27/23 13:25**Client ID:** SB27 (3-3.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	3.02	J	ug/kg	1
Unknown	3.02	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-16
 Client ID: SB27 (11-11.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:30
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/23 15:57
 Analyst: AJK
 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	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	0.28	J	ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	1.6		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-16

Date Collected: 01/27/23 13:30

Client ID: SB27 (11-11.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	42		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	4.6	J	ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-16**Date Collected:** 01/27/23 13:30**Client ID:** SB27 (11-11.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	25.2	J	ug/kg	1
1-Hexanol, 2-ethyl-	1.87	NJ	ug/kg	1
1-Butanol	11.3	NJ	ug/kg	1
Unknown	12.0	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	54	Q	70-130

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 01/31/23 09:52

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-16 Batch: WG1739339-5					
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: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 01/31/23 09:52

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-16 Batch: WG1739339-5					
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: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 01/31/23 09:52

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-16 Batch: WG1739339-5					
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: 100 MAIN ST (SEARS)**Project Number:** 12461**Lab Number:** L2304857**Report Date:** 02/13/23**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 01/31/23 09:52

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-16 Batch: WG1739339-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-16 Batch: WG1739339-3 WG1739339-4								
Methylene chloride	84		86		70-130	2		30
1,1-Dichloroethane	90		91		70-130	1		30
Chloroform	86		88		70-130	2		30
Carbon tetrachloride	95		95		70-130	0		30
1,2-Dichloropropane	90		91		70-130	1		30
Dibromochloromethane	82		82		70-130	0		30
1,1,2-Trichloroethane	83		83		70-130	0		30
Tetrachloroethene	92		93		70-130	1		30
Chlorobenzene	85		86		70-130	1		30
Trichlorofluoromethane	96		95		70-139	1		30
1,2-Dichloroethane	88		90		70-130	2		30
1,1,1-Trichloroethane	89		90		70-130	1		30
Bromodichloromethane	82		83		70-130	1		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	90		90		70-130	0		30
1,1-Dichloropropene	101		100		70-130	1		30
Bromoform	76		73		70-130	4		30
1,1,2,2-Tetrachloroethane	84		79		70-130	6		30
Benzene	89		90		70-130	1		30
Toluene	90		92		70-130	2		30
Ethylbenzene	92		94		70-130	2		30
Chloromethane	87		86		52-130	1		30
Bromomethane	95		99		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-16 Batch: WG1739339-3 WG1739339-4								
Vinyl chloride	90		90		67-130	0		30
Chloroethane	90		89		50-151	1		30
1,1-Dichloroethene	91		91		65-135	0		30
trans-1,2-Dichloroethene	88		88		70-130	0		30
Trichloroethene	90		90		70-130	0		30
1,2-Dichlorobenzene	83		82		70-130	1		30
1,3-Dichlorobenzene	86		85		70-130	1		30
1,4-Dichlorobenzene	85		84		70-130	1		30
Methyl tert butyl ether	97		96		66-130	1		30
p/m-Xylene	91		94		70-130	3		30
o-Xylene	92		94		70-130	2		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Dibromomethane	82		84		70-130	2		30
Styrene	90		93		70-130	3		30
Dichlorodifluoromethane	115		114		30-146	1		30
Acetone	117		118		54-140	1		30
Carbon disulfide	153	Q	155	Q	59-130	1		30
2-Butanone	86		82		70-130	5		30
Vinyl acetate	113		113		70-130	0		30
4-Methyl-2-pentanone	84		80		70-130	5		30
1,2,3-Trichloropropane	85		79		68-130	7		30
2-Hexanone	82		76		70-130	8		30
Bromochloromethane	80		80		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-16 Batch: WG1739339-3 WG1739339-4								
2,2-Dichloropropane	95		95		70-130	0		30
1,2-Dibromoethane	86		85		70-130	1		30
1,3-Dichloropropane	88		87		69-130	1		30
1,1,1,2-Tetrachloroethane	84		86		70-130	2		30
Bromobenzene	81		79		70-130	3		30
n-Butylbenzene	100		98		70-130	2		30
sec-Butylbenzene	99		97		70-130	2		30
tert-Butylbenzene	93		92		70-130	1		30
o-Chlorotoluene	91		92		70-130	1		30
p-Chlorotoluene	94		93		70-130	1		30
1,2-Dibromo-3-chloropropane	73		68		68-130	7		30
Hexachlorobutadiene	89		87		67-130	2		30
Isopropylbenzene	95		94		70-130	1		30
p-Isopropyltoluene	96		94		70-130	2		30
Naphthalene	78		74		70-130	5		30
Acrylonitrile	90		88		70-130	2		30
n-Propylbenzene	99		98		70-130	1		30
1,2,3-Trichlorobenzene	79		76		70-130	4		30
1,2,4-Trichlorobenzene	82		79		70-130	4		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	93		91		70-130	2		30
1,4-Dioxane	97		95		65-136	2		30
p-Diethylbenzene	96		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-16 Batch: WG1739339-3 WG1739339-4								
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	86		84		70-130	2		30
Ethyl ether	86		86		67-130	0		30
trans-1,4-Dichloro-2-butene	94		88		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	106		107		70-130
4-Bromofluorobenzene	109		106		70-130
Dibromofluoromethane	94		95		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-01

Date Collected: 01/27/23 08:20

Client ID: SB20 (1-1.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 01/29/23 03:06

Analytical Date: 01/31/23 08:36

Analyst: JG

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	72	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	1100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	25	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-01

Date Collected: 01/27/23 08:20

Client ID: SB20 (1-1.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	590		ug/kg	100	19.	1
Benzo(a)pyrene	570		ug/kg	140	42.	1
Benzo(b)fluoranthene	630		ug/kg	100	29.	1
Benzo(k)fluoranthene	240		ug/kg	100	27.	1
Chrysene	550		ug/kg	100	18.	1
Acenaphthylene	44	J	ug/kg	140	26.	1
Anthracene	200		ug/kg	100	33.	1
Benzo(ghi)perylene	340		ug/kg	140	20.	1
Fluorene	64	J	ug/kg	170	17.	1
Phenanthrene	720		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	92	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	140	24.	1
Pyrene	950		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	31	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-01**Date Collected:** 01/27/23 08:20**Client ID:** SB20 (1-1.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	110	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Tentatively Identified Compounds

Total TIC Compounds	137	J	ug/kg	1
Unknown PAH	137	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	106		30-120
2,4,6-Tribromophenol	122		10-136
4-Terphenyl-d14	100		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-01
Client ID: SB20 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:20
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 13:40
Analyst: LMV
Percent Solids: 96%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

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)	0.120	J	ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.296		ng/g	0.200	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.536		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	12.0		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	3.91		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.064	J	ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	2.33		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	6.24		ng/g	0.200	0.052	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-01

Date Collected: 01/27/23 08:20

Client ID: SB20 (1-1.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		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)	88		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		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)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-02
 Client ID: SB20 (13-13.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:25
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 05:50
 Analyst: JG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	220		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-02

Date Collected: 01/27/23 08:25

Client ID: SB20 (13-13.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	100	J	ug/kg	110	21.	1
Benzo(a)pyrene	150		ug/kg	150	46.	1
Benzo(b)fluoranthene	170		ug/kg	110	31.	1
Benzo(k)fluoranthene	60	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	91	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	110		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	26	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	78	J	ug/kg	150	26.	1
Pyrene	210		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-02**Date Collected:** 01/27/23 08:25**Client ID:** SB20 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	93		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-02
Client ID: SB20 (13-13.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 13:53
Analyst: LMV
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.855	0.054	1
Perfluoropentanoic Acid (PFPeA)	0.077	J	ng/g	0.428	0.060	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.214	0.046	1
Perfluorohexanoic Acid (PFHxA)	0.308		ng/g	0.214	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.214	0.025	1
Perfluorohexanesulfonic Acid (PFHxS)	0.539		ng/g	0.214	0.063	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.214	0.056	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.855	0.299	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.214	0.039	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.214	0.084	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.214	0.085	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.214	0.080	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.855	0.414	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.214	0.107	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.214	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.214	0.034	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.214	0.046	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.214	0.088	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.214	0.044	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.214	0.056	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.214	0.114	1
PFOA/PFOS, Total	ND		ng/g	0.214	0.056	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-02**Date Collected:** 01/27/23 08:25**Client ID:** SB20 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	88		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		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)	83		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)	55		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-03
 Client ID: SB21 (2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:00
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 07:30
 Analyst: JG
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	24	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	1400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	51	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03

Date Collected: 01/27/23 09:00

Client ID: SB21 (2-2.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	350		ug/kg	100	19.	1
Benzo(a)pyrene	480		ug/kg	140	42.	1
Benzo(b)fluoranthene	640		ug/kg	100	29.	1
Benzo(k)fluoranthene	190		ug/kg	100	27.	1
Chrysene	520		ug/kg	100	18.	1
Acenaphthylene	140		ug/kg	140	26.	1
Anthracene	95	J	ug/kg	100	33.	1
Benzo(ghi)perylene	350		ug/kg	140	20.	1
Fluorene	36	J	ug/kg	170	17.	1
Phenanthrene	900		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	75	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	140	24.	1
Pyrene	1200		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	39	J	ug/kg	170	16.	1
2-Methylnaphthalene	23	J	ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03

Date Collected: 01/27/23 09:00

Client ID: SB21 (2-2.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	130	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Tentatively Identified Compounds

Total TIC Compounds	1050	J	ug/kg			1
Unknown	272	J	ug/kg			1
Unknown Organic Acid	144	J	ug/kg			1
Unknown Ketone	333	J	ug/kg			1
Unknown	153	J	ug/kg			1
Unknown PAH	151	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	105		30-120
2,4,6-Tribromophenol	144	Q	10-136
4-Terphenyl-d14	118		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03
Client ID: SB21 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:00
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 14:06
Analyst: LMV
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.791	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.079	JF	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)	0.079	J	ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.095	J	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)	ND		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	ND		ng/g	0.198	0.051	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-03**Date Collected:** 01/27/23 09:00**Client ID:** SB21 (2-2.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	85		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)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		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)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		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)	78		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)	67		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		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)	102		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-04
 Client ID: SB21 (10-10.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:05
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 07:46
 Analyst: JG
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	80	J	ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	1400		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	26	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-04

Date Collected: 01/27/23 09:05

Client ID: SB21 (10-10.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	570		ug/kg	120	23.	1
Benzo(a)pyrene	630		ug/kg	160	49.	1
Benzo(b)fluoranthene	640		ug/kg	120	34.	1
Benzo(k)fluoranthene	290		ug/kg	120	32.	1
Chrysene	580		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	220		ug/kg	120	39.	1
Benzo(ghi)perylene	380		ug/kg	160	24.	1
Fluorene	76	J	ug/kg	200	20.	1
Phenanthrene	800		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	94	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	340		ug/kg	160	28.	1
Pyrene	1200		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	37	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-04**Date Collected:** 01/27/23 09:05**Client ID:** SB21 (10-10.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	110	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Tentatively Identified Compounds

Total TIC Compounds	3630	J	ug/kg	1
Unknown	3060	J	ug/kg	1
Unknown	569	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	9	Q	25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	7	Q	10-136
4-Terphenyl-d14	110		18-120

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-04
 Client ID: SB21 (10-10.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:05
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 144,1633
 Analytical Date: 02/09/23 14:19
 Analyst: LMV
 Percent Solids: 82%

Extraction Method: EPA 1633
 Extraction Date: 02/08/23 05:21
 Cleanup Method: EPA 1633
 Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.152	JF	ng/g	0.399	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.120	J	ng/g	0.200	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.056	J	ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.455		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	0.208		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.279	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)	0.176	J	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	0.798	0.386	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	0.384	J	ng/g	0.200	0.052	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-04

Date Collected: 01/27/23 09:05

Client ID: SB21 (10-10.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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)	69		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)	69		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)	71		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	60		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	55		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	58		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)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	53		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	34		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	62		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	58		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	40		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-04 RE

Date Collected: 01/27/23 09:05

Client ID: SB21 (10-10.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 01/31/23 14:51

Analytical Date: 02/01/23 02:08

Analyst: JG

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	400		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-04 RE

Date Collected: 01/27/23 09:05

Client ID: SB21 (10-10.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	190		ug/kg	120	23.	1
Benzo(a)pyrene	200		ug/kg	160	49.	1
Benzo(b)fluoranthene	230		ug/kg	120	34.	1
Benzo(k)fluoranthene	77	J	ug/kg	120	32.	1
Chrysene	190		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	69	J	ug/kg	120	39.	1
Benzo(ghi)perylene	120	J	ug/kg	160	24.	1
Fluorene	26	J	ug/kg	200	20.	1
Phenanthrene	270		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	27	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	160	28.	1
Pyrene	340		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-04 RE**Date Collected:** 01/27/23 09:05**Client ID:** SB21 (10-10.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	37	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Tentatively Identified Compounds

Total TIC Compounds	378	J	ug/kg	1
Unknown Ketone	378	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	6	Q	25-120
Phenol-d6	34		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	7	Q	10-136
4-Terphenyl-d14	63		18-120

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-05
 Client ID: SB22 (3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:50
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 04:27
 Analyst: JG
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	51	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	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: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-05

Date Collected: 01/27/23 09:50

Client ID: SB22 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	32	J	ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	47	J	ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	29	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	22	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	23	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	46	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	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: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-05**Date Collected:** 01/27/23 09:50**Client ID:** SB22 (3-3.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	93		18-120

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-05
 Client ID: SB22 (3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:50
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 144,1633
 Analytical Date: 02/09/23 14:32
 Analyst: LMV
 Percent Solids: 94%

Extraction Method: EPA 1633
 Extraction Date: 02/08/23 05:21
 Cleanup Method: EPA 1633
 Cleanup Date: 02/08/23

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)	0.166	J	ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.102	J	ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.166	J	ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.639		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	0.363		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)	0.087	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	0.450	J	ng/g	0.197	0.051	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-05**Date Collected:** 01/27/23 09:50**Client ID:** SB22 (3-3.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	85		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)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		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)	88		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-06
 Client ID: SB22 (7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:55
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 02:32
 Analyst: JG
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

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

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-06

Date Collected: 01/27/23 09:55

Client ID: SB22 (7-7.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	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: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-06**Date Collected:** 01/27/23 09:55**Client ID:** SB22 (7-7.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	89		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-06
Client ID: SB22 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:55
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 14:44
Analyst: LMV
Percent Solids: 92%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.790	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.395	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.071	J	ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.245		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	0.790	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)	ND		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	0.790	0.383	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.198	0.051	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-06**Date Collected:** 01/27/23 09:55**Client ID:** SB22 (7-7.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		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)	80		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)	88		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)	92		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)	63		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80		20-150

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07
Client ID: SB23 (1.5-2)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:30
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/31/23 05:00
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	430		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	3100		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	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	160	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	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: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07

Date Collected: 01/27/23 10:30

Client ID: SB23 (1.5-2)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	1200		ug/kg	110	20.	1
Benzo(a)pyrene	1200		ug/kg	140	43.	1
Benzo(b)fluoranthene	1300		ug/kg	110	30.	1
Benzo(k)fluoranthene	500		ug/kg	110	28.	1
Chrysene	1100		ug/kg	110	18.	1
Acenaphthylene	48	J	ug/kg	140	27.	1
Anthracene	800		ug/kg	110	34.	1
Benzo(ghi)perylene	490		ug/kg	140	21.	1
Fluorene	460		ug/kg	180	17.	1
Phenanthrene	3300		ug/kg	110	21.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	140	25.	1
Pyrene	2400		ug/kg	110	18.	1
Biphenyl	27	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	260		ug/kg	180	17.	1
2-Methylnaphthalene	130	J	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	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07

Date Collected: 01/27/23 10:30

Client ID: SB23 (1.5-2)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	350		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	4000	J	ug/kg			1
Unknown PAH	178	J	ug/kg			1
Unknown PAH	220	J	ug/kg			1
Unknown	176	J	ug/kg			1
Unknown	196	J	ug/kg			1
Unknown	212	J	ug/kg			1
Unknown	381	J	ug/kg			1
Unknown	495	J	ug/kg			1
Unknown PAH	347	J	ug/kg			1
Unknown	199	J	ug/kg			1
Unknown	242	J	ug/kg			1
Unknown PAH	456	J	ug/kg			1
Unknown PAH	222	J	ug/kg			1
Unknown PAH	255	J	ug/kg			1
Unknown PAH	173	J	ug/kg			1
Unknown	244	J	ug/kg			1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-07

Date Collected: 01/27/23 10:30

Client ID: SB23 (1.5-2)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	82		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	101		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07
Client ID: SB23 (1.5-2)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:30
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 14:57
Analyst: LMV
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	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)	ND		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	0.799	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	ND		ng/g	0.200	0.052	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-07**Date Collected:** 01/27/23 10:30**Client ID:** SB23 (1.5-2)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	96		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		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)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		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)	63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-08
 Client ID: SB23 (8-8.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:35
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 03:21
 Analyst: JG
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

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	100	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-08

Date Collected: 01/27/23 10:35

Client ID: SB23 (8-8.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	48	J	ug/kg	110	20.	1
Benzo(a)pyrene	49	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	54	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	42	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	32	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	69	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	28	J	ug/kg	140	25.	1
Pyrene	91	J	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	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-08

Date Collected: 01/27/23 10:35

Client ID: SB23 (8-8.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	243	J	ug/kg	1
Unknown	243	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	88		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-08
Client ID: SB23 (8-8.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:35
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 15:10
Analyst: LMV
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

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)	ND		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)	ND		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	ND		ng/g	0.199	0.052	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-08

Date Collected: 01/27/23 10:35

Client ID: SB23 (8-8.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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)	85		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)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		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)	92		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		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)	59		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	61		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	91		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-09
 Client ID: SB24 (4.5-5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:40
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 06:07
 Analyst: JG
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

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	44	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-09

Date Collected: 01/27/23 11:40

Client ID: SB24 (4.5-5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	26	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	36	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	28	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	22	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	22	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	45	J	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	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-09

Date Collected: 01/27/23 11:40

Client ID: SB24 (4.5-5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	147	J	ug/kg	1
Unknown	147	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	126		10-136
4-Terphenyl-d14	106		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-09
Client ID: SB24 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:40
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 16:41
Analyst: LMV
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.776	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.388	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.194	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.194	0.045	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.194	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.194	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.194	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.776	0.272	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.194	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.194	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	0.078	J	ng/g	0.194	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.194	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.776	0.376	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.194	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.194	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.194	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.194	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.194	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.194	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.194	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.194	0.103	1
PFOA/PFOS, Total	0.078	J	ng/g	0.194	0.051	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-09**Date Collected:** 01/27/23 11:40**Client ID:** SB24 (4.5-5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	89		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)	86		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		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)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		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)	86		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)	62		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-10
 Client ID: SB24 (13-13.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:45
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 04:10
 Analyst: JG
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	26	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-10
 Client ID: SB24 (13-13.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:45
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	40	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-10**Date Collected:** 01/27/23 11:45**Client ID:** SB24 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	112		10-136
4-Terphenyl-d14	84		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-10
Client ID: SB24 (13-13.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:45
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 16:54
Analyst: LMV
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

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)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		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)	ND		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	ND		ng/g	0.200	0.052	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-10**Date Collected:** 01/27/23 11:45**Client ID:** SB24 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	89		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)	90		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)	88		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		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)	98		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	107		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-11

Date Collected: 01/27/23 12:20

Client ID: SB25 (.5-1)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 01/29/23 03:06

Analytical Date: 01/31/23 05:33

Analyst: JG

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	190		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-11

Date Collected: 01/27/23 12:20

Client ID: SB25 (.5-1)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	100		ug/kg	100	20.	1
Benzo(a)pyrene	140		ug/kg	140	42.	1
Benzo(b)fluoranthene	150		ug/kg	100	29.	1
Benzo(k)fluoranthene	60	J	ug/kg	100	28.	1
Chrysene	100		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	80	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	73	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	23	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	72	J	ug/kg	140	24.	1
Pyrene	170		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-11**Date Collected:** 01/27/23 12:20**Client ID:** SB25 (.5-1)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	7540	J	ug/kg	1
Unknown	7290	J	ug/kg	1
Unknown Amine	246	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	93		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-11
Client ID: SB25 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:20
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 17:07
Analyst: LMV
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:46
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.784	0.049	1
Perfluoropentanoic Acid (PFPeA)	0.180	JF	ng/g	0.392	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
Perfluorohexanoic Acid (PFHxA)	0.164	J	ng/g	0.196	0.045	1
Perfluoroheptanoic Acid (PFHpA)	0.259		ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	0.360		ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.784	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	0.251		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	1.16		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	0.306		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.784	0.379	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	0.078	J	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)	0.157	J	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	1.52		ng/g	0.196	0.051	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-11**Date Collected:** 01/27/23 12:20**Client ID:** SB25 (.5-1)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		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)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		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)	59		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)	70		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-12
 Client ID: SB25 (6-6.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:25
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 03:37
 Analyst: JG
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	79	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12

Date Collected: 01/27/23 12:25

Client ID: SB25 (6-6.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	42	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	48	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	36	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	22	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	44	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	68	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12

Date Collected: 01/27/23 12:25

Client ID: SB25 (6-6.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Tentatively Identified Compounds

Total TIC Compounds	532	J	ug/kg	1
Unknown	532	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	97		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12
Client ID: SB25 (6-6.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 17:20
Analyst: LMV
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:46
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.788	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.788	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.788	0.382	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	ND		ng/g	0.197	0.051	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12

Date Collected: 01/27/23 12:25

Client ID: SB25 (6-6.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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)	93		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		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)	93		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)	93		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		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)	59		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	98		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-13
 Client ID: SB26 (4-4.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:00
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 05:16
 Analyst: JG
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	21	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-13

Date Collected: 01/27/23 13:00

Client ID: SB26 (4-4.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	290		ug/kg	100	19.	1
Benzo(a)pyrene	280		ug/kg	140	42.	1
Benzo(b)fluoranthene	280		ug/kg	100	29.	1
Benzo(k)fluoranthene	70	J	ug/kg	100	27.	1
Chrysene	290		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	68	J	ug/kg	100	33.	1
Benzo(ghi)perylene	110	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	290		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	40	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	97	J	ug/kg	140	24.	1
Pyrene	660		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-13**Date Collected:** 01/27/23 13:00**Client ID:** SB26 (4-4.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Tentatively Identified Compounds

Total TIC Compounds	547	J	ug/kg	1
Unknown	146	J	ug/kg	1
Unknown	213	J	ug/kg	1
Unknown	188	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	105		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	103		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-13
Client ID: SB26 (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:00
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 17:33
Analyst: LMV
Percent Solids: 96%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:46
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

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)	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: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-13**Date Collected:** 01/27/23 13:00**Client ID:** SB26 (4-4.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		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)	102		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)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101		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)	64		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	91		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-14
 Client ID: SB26 (9.5-10)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:05
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 03:05
 Analyst: JG
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	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: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-14**Date Collected:** 01/27/23 13:05**Client ID:** SB26 (9.5-10)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-14**Date Collected:** 01/27/23 13:05**Client ID:** SB26 (9.5-10)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

Total TIC Compounds	696	J	ug/kg	1
Unknown Alkene	540	J	ug/kg	1
Unknown Organic Acid	156	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	82		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-14
Client ID: SB26 (9.5-10)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:05
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 17:46
Analyst: LMV
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:46
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.792	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	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.792	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)	ND		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	0.792	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	ND		ng/g	0.198	0.052	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-14**Date Collected:** 01/27/23 13:05**Client ID:** SB26 (9.5-10)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		20-150
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)	90		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		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)	65		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-15

Date Collected: 01/27/23 13:25

Client ID: SB27 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 01/29/23 03:24

Analytical Date: 01/31/23 04:43

Analyst: JG

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	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	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	320		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-15

Date Collected: 01/27/23 13:25

Client ID: SB27 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	160		ug/kg	110	20.	1
Benzo(a)pyrene	170		ug/kg	140	43.	1
Benzo(b)fluoranthene	190		ug/kg	110	30.	1
Benzo(k)fluoranthene	75	J	ug/kg	110	28.	1
Chrysene	150		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	59	J	ug/kg	110	34.	1
Benzo(ghi)perylene	86	J	ug/kg	140	21.	1
Fluorene	19	J	ug/kg	180	17.	1
Phenanthrene	240		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	23	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	81	J	ug/kg	140	25.	1
Pyrene	280		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	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-15

Date Collected: 01/27/23 13:25

Client ID: SB27 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	20	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	88		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-15
Client ID: SB27 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/09/23 17:58
Analyst: LMV
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:46
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	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	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.384	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	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
PFOA/PFOS, Total	ND		ng/g	0.198	0.052	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-15**Date Collected:** 01/27/23 13:25**Client ID:** SB27 (3-3.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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)	97		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)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		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)	84		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100		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)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		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)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-16
 Client ID: SB27 (11-11.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:30
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/23 03:54
 Analyst: JG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	40	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-16

Date Collected: 01/27/23 13:30

Client ID: SB27 (11-11.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	19	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	39	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	43	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-16**Date Collected:** 01/27/23 13:30**Client ID:** SB27 (11-11.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	172	J	ug/kg	1
Unknown	172	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	5	Q	25-120
Phenol-d6	34		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	3	Q	10-136
4-Terphenyl-d14	95		18-120

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-16
 Client ID: SB27 (11-11.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:30
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 144,1633
 Analytical Date: 02/09/23 18:11
 Analyst: LMV
 Percent Solids: 89%

Extraction Method: EPA 1633
 Extraction Date: 02/08/23 05:46
 Cleanup Method: EPA 1633
 Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.783	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.391	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.045	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	0.783	0.274	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)	0.110	J	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	0.783	0.379	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)	0.125	JF	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	0.110	J	ng/g	0.196	0.051	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-16**Date Collected:** 01/27/23 13:30**Client ID:** SB27 (11-11.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		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)	72		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)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	58		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		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)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	51		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	34		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	57		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	46		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-16 RE

Date Collected: 01/27/23 13:30

Client ID: SB27 (11-11.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 01/31/23 14:51

Analytical Date: 01/31/23 23:24

Analyst: JG

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	22	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-16 RE

Date Collected: 01/27/23 13:30

Client ID: SB27 (11-11.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	25	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	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	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-16 RE**Date Collected:** 01/27/23 13:30**Client ID:** SB27 (11-11.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	9	Q	25-120
Phenol-d6	38		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	8	Q	10-136
4-Terphenyl-d14	64		18-120

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 01/31/23 00:03
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16 Batch: WG1738414-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 01/31/23 00:03
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16 Batch: WG1738414-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 100 MAIN ST (SEARS)**Project Number:** 12461**Lab Number:** L2304857**Report Date:** 02/13/23**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270E
Analytical Date: 01/31/23 00:03
Analyst: JGExtraction Method: EPA 3546
Extraction Date: 01/29/23 03:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16 Batch: WG1738414-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	115		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	105		18-120

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 01/31/23 08:51
 Analyst: LJG

Extraction Method: EPA 3546
 Extraction Date: 01/30/23 15:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04,16 Batch: WG1738827-1					
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: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 01/31/23 08:51
 Analyst: LJG

Extraction Method: EPA 3546
 Extraction Date: 01/30/23 15:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04,16 Batch: WG1738827-1					
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: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 01/31/23 08:51
 Analyst: LJG

Extraction Method: EPA 3546
 Extraction Date: 01/30/23 15:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04,16 Batch: WG1738827-1					
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	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	91		18-120

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
 Analytical Date: 02/09/23 13:02
 Analyst: LMV

Extraction Method: EPA 1633
 Extraction Date: 02/08/23 05:21
 Cleanup Method: EPA 1633
 Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-16 Batch: WG1742042-1					
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: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 144,1633
Analytical Date: 02/09/23 13:02
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 02/08/23 05:21
Cleanup Method: EPA 1633
Cleanup Date: 02/08/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-16 Batch: WG1742042-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		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)	90		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG1738414-2 WG1738414-3								
Acenaphthene	96		96		31-137	0		50
1,2,4-Trichlorobenzene	90		93		38-107	3		50
Hexachlorobenzene	111		104		40-140	7		50
Bis(2-chloroethyl)ether	80		80		40-140	0		50
2-Chloronaphthalene	95		95		40-140	0		50
1,2-Dichlorobenzene	85		83		40-140	2		50
1,3-Dichlorobenzene	83		85		40-140	2		50
1,4-Dichlorobenzene	82		82		28-104	0		50
3,3'-Dichlorobenzidine	72		68		40-140	6		50
2,4-Dinitrotoluene	96		93		40-132	3		50
2,6-Dinitrotoluene	91		91		40-140	0		50
Fluoranthene	99		98		40-140	1		50
4-Chlorophenyl phenyl ether	99		98		40-140	1		50
4-Bromophenyl phenyl ether	101		100		40-140	1		50
Bis(2-chloroisopropyl)ether	66		69		40-140	4		50
Bis(2-chloroethoxy)methane	88		92		40-117	4		50
Hexachlorobutadiene	109		112		40-140	3		50
Hexachlorocyclopentadiene	83		84		40-140	1		50
Hexachloroethane	95		98		40-140	3		50
Isophorone	86		90		40-140	5		50
Naphthalene	88		90		40-140	2		50
Nitrobenzene	82		82		40-140	0		50
NDPA/DPA	94		90		36-157	4		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG1738414-2 WG1738414-3								
n-Nitrosodi-n-propylamine	89		89		32-121	0		50
Bis(2-ethylhexyl)phthalate	104		97		40-140	7		50
Butyl benzyl phthalate	99		98		40-140	1		50
Di-n-butylphthalate	105		98		40-140	7		50
Di-n-octylphthalate	105		98		40-140	7		50
Diethyl phthalate	100		98		40-140	2		50
Dimethyl phthalate	97		96		40-140	1		50
Benzo(a)anthracene	97		92		40-140	5		50
Benzo(a)pyrene	107		102		40-140	5		50
Benzo(b)fluoranthene	106		92		40-140	14		50
Benzo(k)fluoranthene	100		104		40-140	4		50
Chrysene	98		95		40-140	3		50
Acenaphthylene	97		97		40-140	0		50
Anthracene	103		99		40-140	4		50
Benzo(ghi)perylene	104		103		40-140	1		50
Fluorene	92		93		40-140	1		50
Phenanthrene	100		95		40-140	5		50
Dibenzo(a,h)anthracene	106		103		40-140	3		50
Indeno(1,2,3-cd)pyrene	113		111		40-140	2		50
Pyrene	100		98		35-142	2		50
Biphenyl	92		92		37-127	0		50
4-Chloroaniline	49		46		40-140	6		50
2-Nitroaniline	95		92		47-134	3		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG1738414-2 WG1738414-3								
3-Nitroaniline	58		56		26-129	4		50
4-Nitroaniline	82		76		41-125	8		50
Dibenzofuran	93		93		40-140	0		50
2-Methylnaphthalene	92		91		40-140	1		50
1,2,4,5-Tetrachlorobenzene	113		113		40-117	0		50
Acetophenone	96		98		14-144	2		50
2,4,6-Trichlorophenol	110		110		30-130	0		50
p-Chloro-m-cresol	101		94		26-103	7		50
2-Chlorophenol	86		85		25-102	1		50
2,4-Dichlorophenol	96		94		30-130	2		50
2,4-Dimethylphenol	88		88		30-130	0		50
2-Nitrophenol	95		101		30-130	6		50
4-Nitrophenol	96		96		11-114	0		50
2,4-Dinitrophenol	80		80		4-130	0		50
4,6-Dinitro-o-cresol	94		89		10-130	5		50
Pentachlorophenol	81		80		17-109	1		50
Phenol	81		79		26-90	3		50
2-Methylphenol	78		78		30-130.	0		50
3-Methylphenol/4-Methylphenol	81		81		30-130	0		50
2,4,5-Trichlorophenol	98		94		30-130	4		50
Benzoic Acid	54		56		10-110	4		50
Benzyl Alcohol	85		87		40-140	2		50
Carbazole	99		95		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG1738414-2 WG1738414-3								
1,4-Dioxane	66		56		40-140	16		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	92		91		25-120
Phenol-d6	81		81		10-120
Nitrobenzene-d5	86		87		23-120
2-Fluorobiphenyl	97		98		30-120
2,4,6-Tribromophenol	119		118		10-136
4-Terphenyl-d14	101		99		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,16 Batch: WG1738827-2 WG1738827-3								
Acenaphthene	69		71		31-137	3		50
1,2,4-Trichlorobenzene	71		69		38-107	3		50
Hexachlorobenzene	71		73		40-140	3		50
Bis(2-chloroethyl)ether	60		59		40-140	2		50
2-Chloronaphthalene	69		70		40-140	1		50
1,2-Dichlorobenzene	66		68		40-140	3		50
1,3-Dichlorobenzene	66		65		40-140	2		50
1,4-Dichlorobenzene	64		64		28-104	0		50
3,3'-Dichlorobenzidine	50		50		40-140	0		50
2,4-Dinitrotoluene	75		74		40-132	1		50
2,6-Dinitrotoluene	70		74		40-140	6		50
Fluoranthene	71		72		40-140	1		50
4-Chlorophenyl phenyl ether	70		72		40-140	3		50
4-Bromophenyl phenyl ether	73		73		40-140	0		50
Bis(2-chloroisopropyl)ether	42		41		40-140	2		50
Bis(2-chloroethoxy)methane	60		58		40-117	3		50
Hexachlorobutadiene	65		66		40-140	2		50
Hexachlorocyclopentadiene	66		62		40-140	6		50
Hexachloroethane	57		55		40-140	4		50
Isophorone	57		56		40-140	2		50
Naphthalene	67		68		40-140	1		50
Nitrobenzene	58		56		40-140	4		50
NDPA/DPA	72		73		36-157	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,16 Batch: WG1738827-2 WG1738827-3								
n-Nitrosodi-n-propylamine	55		55		32-121	0		50
Bis(2-ethylhexyl)phthalate	71		71		40-140	0		50
Butyl benzyl phthalate	72		72		40-140	0		50
Di-n-butylphthalate	70		71		40-140	1		50
Di-n-octylphthalate	75		74		40-140	1		50
Diethyl phthalate	69		69		40-140	0		50
Dimethyl phthalate	69		68		40-140	1		50
Benzo(a)anthracene	71		70		40-140	1		50
Benzo(a)pyrene	79		78		40-140	1		50
Benzo(b)fluoranthene	77		73		40-140	5		50
Benzo(k)fluoranthene	74		76		40-140	3		50
Chrysene	71		69		40-140	3		50
Acenaphthylene	70		71		40-140	1		50
Anthracene	71		72		40-140	1		50
Benzo(ghi)perylene	71		73		40-140	3		50
Fluorene	71		73		40-140	3		50
Phenanthrene	70		71		40-140	1		50
Dibenzo(a,h)anthracene	72		72		40-140	0		50
Indeno(1,2,3-cd)pyrene	82		82		40-140	0		50
Pyrene	71		71		35-142	0		50
Biphenyl	71		72		37-127	1		50
4-Chloroaniline	58		65		40-140	11		50
2-Nitroaniline	75		74		47-134	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,16 Batch: WG1738827-2 WG1738827-3								
3-Nitroaniline	55		57		26-129	4		50
4-Nitroaniline	72		70		41-125	3		50
Dibenzofuran	72		73		40-140	1		50
2-Methylnaphthalene	68		70		40-140	3		50
1,2,4,5-Tetrachlorobenzene	70		72		40-117	3		50
Acetophenone	65		66		14-144	2		50
2,4,6-Trichlorophenol	70		69		30-130	1		50
p-Chloro-m-cresol	65		67		26-103	3		50
2-Chlorophenol	69		69		25-102	0		50
2,4-Dichlorophenol	72		70		30-130	3		50
2,4-Dimethylphenol	65		62		30-130	5		50
2-Nitrophenol	69		67		30-130	3		50
4-Nitrophenol	56		57		11-114	2		50
2,4-Dinitrophenol	40		30		4-130	29		50
4,6-Dinitro-o-cresol	66		66		10-130	0		50
Pentachlorophenol	46		48		17-109	4		50
Phenol	65		66		26-90	2		50
2-Methylphenol	71		68		30-130.	4		50
3-Methylphenol/4-Methylphenol	74		74		30-130	0		50
2,4,5-Trichlorophenol	71		68		30-130	4		50
Benzoic Acid	0	Q	0	Q	10-110	NC		50
Benzyl Alcohol	66		64		40-140	3		50
Carbazole	73		74		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,16 Batch: WG1738827-2 WG1738827-3								
1,4-Dioxane	47		48		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		69		25-120
Phenol-d6	66		66		10-120
Nitrobenzene-d5	60		58		23-120
2-Fluorobiphenyl	70		70		30-120
2,4,6-Tribromophenol	74		72		10-136
4-Terphenyl-d14	72		73		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-16 Batch: WG1742042-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	90		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	96		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	99		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	125		-		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)	100		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	128		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	78		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	92		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	115		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	130		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	88		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	92		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-16 Batch: WG1742042-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				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)	94				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)	94				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)	84				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	60				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50				20-150

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-16 Batch: WG1742042-3								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	109		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	127		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	108		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	122		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	120		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	114		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	102		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	106		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	82		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	107		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-16 Batch: WG1742042-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99				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)	96				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)	96				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	111				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	62				20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

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): 01-16 QC Batch ID: WG1742042-4 WG1742042-5 QC Sample: L2304857-08 Client ID: SB23 (8-8.5)												
Perfluorobutanoic Acid (PFBA)	ND	7.82	8.53	109		8.53	107		40-150	0		30
Perfluoropentanoic Acid (PFPeA)	ND	3.91	4.11	105		4.02	101		40-150	2		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.73	1.85	107		1.92	109		40-150	4		30
Perfluorohexanoic Acid (PFHxA)	ND	1.96	2.14	109		2.30	116		40-150	7		30
Perfluoroheptanoic Acid (PFHpA)	ND	1.96	2.18	111		2.09	105		40-150	4		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.79	1.93	108		1.90	105		40-150	2		30
Perfluorooctanoic Acid (PFOA)	ND	1.96	1.98	101		2.03	102		40-150	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.43	8.24	111		8.20	109		40-150	0		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.86	2.03	109		2.14	113		40-150	5		30
Perfluorononanoic Acid (PFNA)	ND	1.96	2.43	124		2.75	139		40-150	12		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.81	1.99	110		2.03	110		40-150	2		30
Perfluorodecanoic Acid (PFDA)	ND	1.96	2.36	121		2.09	105		40-150	12		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.51	9.14	122		8.62	113		40-150	6		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.96	2.28	117		2.25	113		40-150	1		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.96	2.09	107		2.24	113		40-150	7		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.89	1.96	104		1.85	97		40-150	6		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.96	2.36	121		2.25	113		40-150	5		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.96	2.34	120		2.19	110		40-150	7		30
Perfluorododecanoic Acid (PFDoA)	ND	1.96	2.21	113		2.29	115		40-150	4		30
Perfluorotridecanoic Acid (PFTrDA)	ND	1.96	1.96	100		1.93	97		40-150	2		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.96	2.41	123		2.64	133		40-150	9		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 100 MAIN ST (SEARS)**Project Number:** 12461**Lab Number:** L2304857**Report Date:** 02/13/23

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): 01-16 QC Batch ID: WG1742042-4 WG1742042-5 QC Sample: L2304857-08 Client ID: SB23 (8-8.5)												

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)	68		80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		83		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	68		69		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		93		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		71		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		92		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96		100		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		106		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		87		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		93		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	57		66		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		90		20-150

PCBS

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-01
Client ID: SB20 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:20
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 14:30
Analyst: JM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.96	1	A
Aroclor 1221	ND		ug/kg	33.4	3.34	1	A
Aroclor 1232	ND		ug/kg	33.4	7.08	1	A
Aroclor 1242	ND		ug/kg	33.4	4.50	1	A
Aroclor 1248	ND		ug/kg	33.4	5.01	1	A
Aroclor 1254	ND		ug/kg	33.4	3.65	1	A
Aroclor 1260	ND		ug/kg	33.4	6.17	1	A
Aroclor 1262	ND		ug/kg	33.4	4.24	1	A
Aroclor 1268	ND		ug/kg	33.4	3.46	1	A
PCBs, Total	ND		ug/kg	33.4	2.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-02
Client ID: SB20 (13-13.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 14:40
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.77	1	A
Aroclor 1242	ND		ug/kg	36.6	4.94	1	A
Aroclor 1248	ND		ug/kg	36.6	5.50	1	A
Aroclor 1254	ND		ug/kg	36.6	4.01	1	A
Aroclor 1260	ND		ug/kg	36.6	6.77	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.80	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03
Client ID: SB21 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:00
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 14:50
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.0	3.11	1	A
Aroclor 1221	ND		ug/kg	35.0	3.51	1	A
Aroclor 1232	ND		ug/kg	35.0	7.42	1	A
Aroclor 1242	ND		ug/kg	35.0	4.72	1	A
Aroclor 1248	ND		ug/kg	35.0	5.25	1	A
Aroclor 1254	ND		ug/kg	35.0	3.83	1	A
Aroclor 1260	ND		ug/kg	35.0	6.47	1	A
Aroclor 1262	ND		ug/kg	35.0	4.45	1	A
Aroclor 1268	ND		ug/kg	35.0	3.63	1	A
PCBs, Total	ND		ug/kg	35.0	3.11	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	50		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-04
Client ID: SB21 (10-10.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:05
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 15:00
Analyst: JM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	3.57	1	A
Aroclor 1221	ND		ug/kg	40.2	4.03	1	A
Aroclor 1232	ND		ug/kg	40.2	8.53	1	A
Aroclor 1242	ND		ug/kg	40.2	5.42	1	A
Aroclor 1248	ND		ug/kg	40.2	6.03	1	A
Aroclor 1254	ND		ug/kg	40.2	4.40	1	A
Aroclor 1260	ND		ug/kg	40.2	7.44	1	A
Aroclor 1262	ND		ug/kg	40.2	5.11	1	A
Aroclor 1268	ND		ug/kg	40.2	4.17	1	A
PCBs, Total	ND		ug/kg	40.2	3.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-05
Client ID: SB22 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:50
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 15:09
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.49	1	A
Aroclor 1232	ND		ug/kg	34.8	7.38	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.81	1	A
Aroclor 1260	ND		ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.60	1	A
PCBs, Total	ND		ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-06
Client ID: SB22 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:55
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 15:19
Analyst: JM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.35	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.79	1	A
Aroclor 1260	ND		ug/kg	34.7	6.41	1	A
Aroclor 1262	ND		ug/kg	34.7	4.40	1	A
Aroclor 1268	ND		ug/kg	34.7	3.59	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07
Client ID: SB23 (1.5-2)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:30
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 15:29
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.3	3.05	1	A
Aroclor 1221	ND		ug/kg	34.3	3.44	1	A
Aroclor 1232	ND		ug/kg	34.3	7.27	1	A
Aroclor 1242	ND		ug/kg	34.3	4.62	1	A
Aroclor 1248	ND		ug/kg	34.3	5.15	1	A
Aroclor 1254	ND		ug/kg	34.3	3.75	1	A
Aroclor 1260	ND		ug/kg	34.3	6.34	1	A
Aroclor 1262	ND		ug/kg	34.3	4.36	1	A
Aroclor 1268	ND		ug/kg	34.3	3.55	1	A
PCBs, Total	ND		ug/kg	34.3	3.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-08
Client ID: SB23 (8-8.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:35
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 15:39
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.36	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.21	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.42	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.60	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-09
Client ID: SB24 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:40
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 15:49
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.6	2.99	1	A
Aroclor 1221	ND		ug/kg	33.6	3.37	1	A
Aroclor 1232	ND		ug/kg	33.6	7.13	1	A
Aroclor 1242	ND		ug/kg	33.6	4.54	1	A
Aroclor 1248	ND		ug/kg	33.6	5.05	1	A
Aroclor 1254	ND		ug/kg	33.6	3.68	1	A
Aroclor 1260	ND		ug/kg	33.6	6.22	1	A
Aroclor 1262	ND		ug/kg	33.6	4.27	1	A
Aroclor 1268	ND		ug/kg	33.6	3.48	1	A
PCBs, Total	ND		ug/kg	33.6	2.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-10
Client ID: SB24 (13-13.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:45
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 15:59
Analyst: JM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.4	3.59	1	A
Aroclor 1221	ND		ug/kg	40.4	4.05	1	A
Aroclor 1232	ND		ug/kg	40.4	8.57	1	A
Aroclor 1242	ND		ug/kg	40.4	5.45	1	A
Aroclor 1248	ND		ug/kg	40.4	6.06	1	A
Aroclor 1254	ND		ug/kg	40.4	4.42	1	A
Aroclor 1260	ND		ug/kg	40.4	7.47	1	A
Aroclor 1262	ND		ug/kg	40.4	5.13	1	A
Aroclor 1268	ND		ug/kg	40.4	4.19	1	A
PCBs, Total	ND		ug/kg	40.4	3.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-11
Client ID: SB25 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:20
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 16:09
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.8	3.01	1	A
Aroclor 1221	ND		ug/kg	33.8	3.39	1	A
Aroclor 1232	ND		ug/kg	33.8	7.18	1	A
Aroclor 1242	ND		ug/kg	33.8	4.56	1	A
Aroclor 1248	ND		ug/kg	33.8	5.08	1	A
Aroclor 1254	ND		ug/kg	33.8	3.70	1	A
Aroclor 1260	ND		ug/kg	33.8	6.26	1	A
Aroclor 1262	ND		ug/kg	33.8	4.30	1	A
Aroclor 1268	ND		ug/kg	33.8	3.51	1	A
PCBs, Total	ND		ug/kg	33.8	3.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12
Client ID: SB25 (6-6.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 16:19
Analyst: JM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 01:57
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	3.30	1	A
Aroclor 1221	ND		ug/kg	37.1	3.72	1	A
Aroclor 1232	ND		ug/kg	37.1	7.87	1	A
Aroclor 1242	ND		ug/kg	37.1	5.01	1	A
Aroclor 1248	ND		ug/kg	37.1	5.57	1	A
Aroclor 1254	ND		ug/kg	37.1	4.06	1	A
Aroclor 1260	ND		ug/kg	37.1	6.86	1	A
Aroclor 1262	ND		ug/kg	37.1	4.72	1	A
Aroclor 1268	ND		ug/kg	37.1	3.85	1	A
PCBs, Total	ND		ug/kg	37.1	3.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-13
Client ID: SB26 (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:00
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 16:29
Analyst: JM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 02:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-14
Client ID: SB26 (9.5-10)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:05
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 16:38
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 02:22
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.1	3.02	1	A
Aroclor 1221	ND		ug/kg	34.1	3.41	1	A
Aroclor 1232	ND		ug/kg	34.1	7.22	1	A
Aroclor 1242	ND		ug/kg	34.1	4.59	1	A
Aroclor 1248	ND		ug/kg	34.1	5.11	1	A
Aroclor 1254	ND		ug/kg	34.1	3.73	1	A
Aroclor 1260	ND		ug/kg	34.1	6.30	1	A
Aroclor 1262	ND		ug/kg	34.1	4.33	1	A
Aroclor 1268	ND		ug/kg	34.1	3.53	1	A
PCBs, Total	ND		ug/kg	34.1	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-15
Client ID: SB27 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 16:48
Analyst: JM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.19	1	A
Aroclor 1221	ND		ug/kg	35.9	3.60	1	A
Aroclor 1232	ND		ug/kg	35.9	7.61	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.38	1	A
Aroclor 1254	ND		ug/kg	35.9	3.93	1	A
Aroclor 1260	ND		ug/kg	35.9	6.63	1	A
Aroclor 1262	ND		ug/kg	35.9	4.56	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	A
PCBs, Total	ND		ug/kg	35.9	3.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-16
Client ID: SB27 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:30
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 16:58
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 02:24
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.28	1	A
Aroclor 1221	ND		ug/kg	37.0	3.70	1	A
Aroclor 1232	ND		ug/kg	37.0	7.84	1	A
Aroclor 1242	ND		ug/kg	37.0	4.98	1	A
Aroclor 1248	ND		ug/kg	37.0	5.54	1	A
Aroclor 1254	ND		ug/kg	37.0	4.04	1	A
Aroclor 1260	ND		ug/kg	37.0	6.83	1	A
Aroclor 1262	ND		ug/kg	37.0	4.69	1	A
Aroclor 1268	ND		ug/kg	37.0	3.83	1	A
PCBs, Total	ND		ug/kg	37.0	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 01/30/23 14:00
 Analyst: JM

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 01/29/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-16 Batch: WG1738411-1						
Aroclor 1016	ND		ug/kg	32.5	2.88	A
Aroclor 1221	ND		ug/kg	32.5	3.25	A
Aroclor 1232	ND		ug/kg	32.5	6.88	A
Aroclor 1242	ND		ug/kg	32.5	4.38	A
Aroclor 1248	ND		ug/kg	32.5	4.87	A
Aroclor 1254	ND		ug/kg	32.5	3.55	A
Aroclor 1260	ND		ug/kg	32.5	6.00	A
Aroclor 1262	ND		ug/kg	32.5	4.12	A
Aroclor 1268	ND		ug/kg	32.5	3.36	A
PCBs, Total	ND		ug/kg	32.5	2.88	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-16 Batch: WG1738411-2 WG1738411-3									
Aroclor 1016	72		74		40-140	3		50	A
Aroclor 1260	68		70		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		69		30-150	A
Decachlorobiphenyl	70		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		65		30-150	B
Decachlorobiphenyl	59		60		30-150	B

PESTICIDES

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-01
Client ID: SB20 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:20
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/30/23 18:05
Analyst: MMG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:33
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.714	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.952	1	A
Toxaphene	ND		ug/kg	30.6	8.57	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-01

Date Collected: 01/27/23 08:20

Client ID: SB20 (1-1.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	81		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-02
Client ID: SB20 (13-13.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 09:50
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:33
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

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	0.746	0.334	1	A
Alpha-BHC	ND		ug/kg	0.746	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	0.746	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	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.639	1	B
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	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	0.919	JP	ug/kg	2.24	0.624	1	A
trans-Chlordane	1.40	JP	ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.93	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-02**Date Collected:** 01/27/23 08:25**Client ID:** SB20 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	144		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03
Client ID: SB21 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:00
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 10:01
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:33
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.665	0.297	1	A
Alpha-BHC	ND		ug/kg	0.665	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.605	1	A
Heptachlor	ND		ug/kg	0.798	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.562	1	A
Heptachlor epoxide	ND		ug/kg	2.99	0.898	1	A
Endrin	ND		ug/kg	0.665	0.273	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.698	1	A
Endrin ketone	ND		ug/kg	1.60	0.411	1	A
Dieldrin	ND		ug/kg	0.998	0.499	1	A
4,4'-DDE	ND		ug/kg	1.60	0.369	1	A
4,4'-DDD	ND		ug/kg	1.60	0.569	1	A
4,4'-DDT	1.46	J	ug/kg	1.60	1.28	1	B
Endosulfan I	ND		ug/kg	1.60	0.377	1	A
Endosulfan II	ND		ug/kg	1.60	0.534	1	A
Endosulfan sulfate	0.855		ug/kg	0.665	0.317	1	B
Methoxychlor	ND		ug/kg	2.99	0.931	1	A
Toxaphene	ND		ug/kg	29.9	8.38	1	A
cis-Chlordane	1.50	J	ug/kg	2.00	0.556	1	A
trans-Chlordane	1.69	JP	ug/kg	2.00	0.527	1	A
Chlordane	7.76	JP	ug/kg	13.3	5.29	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-03

Date Collected: 01/27/23 09:00

Client ID: SB21 (2-2.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	155	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-04
 Client ID: SB21 (10-10.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:05
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 01/31/23 10:12
 Analyst: MEO
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.967	0.433	1	A
Aldrin	ND		ug/kg	1.93	0.681	1	A
Heptachlor epoxide	ND		ug/kg	3.62	1.09	1	A
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.846	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.604	1	A
4,4'-DDE	0.628	J	ug/kg	1.93	0.447	1	A
4,4'-DDD	ND		ug/kg	1.93	0.690	1	A
4,4'-DDT	1.65	JP	ug/kg	1.93	1.56	1	A
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	1.38		ug/kg	0.806	0.384	1	B
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.674	1	A
trans-Chlordane	1.23	JP	ug/kg	2.42	0.638	1	A
Chlordane	ND		ug/kg	16.1	6.40	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-04

Date Collected: 01/27/23 09:05

Client ID: SB21 (10-10.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-05
Client ID: SB22 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:50
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 10:23
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:33
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

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	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.934	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.726	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	0.592	1	B
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	0.501	J	ug/kg	0.692	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.969	1	A
Toxaphene	ND		ug/kg	31.1	8.72	1	A
cis-Chlordane	ND		ug/kg	2.08	0.578	1	A
trans-Chlordane	ND	IP	ug/kg	2.08	0.548	1	B
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-05

Date Collected: 01/27/23 09:50

Client ID: SB22 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	130		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-06
 Client ID: SB22 (7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:55
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 01/31/23 10:35
 Analyst: MEO
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.826	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.722	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.327	1	A
Methoxychlor	ND		ug/kg	3.10	0.963	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.8	5.47	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-06**Date Collected:** 01/27/23 09:55**Client ID:** SB22 (7-7.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	144		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-07
 Client ID: SB23 (1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:30
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 01/31/23 10:46
 Analyst: MEO
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.688	0.307	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.825	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.928	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.722	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.588	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND	IP	ug/kg	0.688	0.327	1	B
Methoxychlor	ND		ug/kg	3.09	0.962	1	A
Toxaphene	ND		ug/kg	30.9	8.66	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	B
trans-Chlordane	1.20	JIP	ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.8	5.46	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-07

Date Collected: 01/27/23 10:30

Client ID: SB23 (1.5-2)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	139		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-08
 Client ID: SB23 (8-8.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:35
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 01/31/23 10:57
 Analyst: MEO
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.939	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.974	1	A
Toxaphene	ND		ug/kg	31.3	8.76	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	0.879	JIP	ug/kg	2.09	0.551	1	A
Chlordane	ND		ug/kg	13.9	5.53	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-08**Date Collected:** 01/27/23 10:35**Client ID:** SB23 (8-8.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-09
 Client ID: SB24 (4.5-5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:40
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 01/31/23 11:08
 Analyst: MEO
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.314	1	A
Lindane	ND		ug/kg	0.669	0.299	1	A
Alpha-BHC	ND		ug/kg	0.669	0.190	1	A
Beta-BHC	ND		ug/kg	1.60	0.608	1	A
Heptachlor	ND		ug/kg	0.802	0.360	1	A
Aldrin	ND		ug/kg	1.60	0.565	1	A
Heptachlor epoxide	ND		ug/kg	3.01	0.903	1	A
Endrin	ND		ug/kg	0.669	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.702	1	A
Endrin ketone	ND		ug/kg	1.60	0.413	1	A
Dieldrin	ND		ug/kg	1.00	0.501	1	A
4,4'-DDE	ND		ug/kg	1.60	0.371	1	A
4,4'-DDD	ND		ug/kg	1.60	0.572	1	A
4,4'-DDT	ND		ug/kg	1.60	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.379	1	A
Endosulfan II	ND		ug/kg	1.60	0.536	1	A
Endosulfan sulfate	ND		ug/kg	0.669	0.318	1	A
Methoxychlor	ND		ug/kg	3.01	0.936	1	A
Toxaphene	ND		ug/kg	30.1	8.42	1	A
cis-Chlordane	ND		ug/kg	2.00	0.559	1	A
trans-Chlordane	ND	IP	ug/kg	2.00	0.530	1	B
Chlordane	ND		ug/kg	13.4	5.32	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-09

Date Collected: 01/27/23 11:40

Client ID: SB24 (4.5-5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-10
Client ID: SB24 (13-13.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:45
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 11:19
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:33
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.385	1	A
Lindane	ND		ug/kg	0.820	0.366	1	A
Alpha-BHC	ND		ug/kg	0.820	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.746	1	A
Heptachlor	ND		ug/kg	0.984	0.441	1	A
Aldrin	ND		ug/kg	1.97	0.692	1	A
Heptachlor epoxide	ND		ug/kg	3.69	1.11	1	A
Endrin	ND		ug/kg	0.820	0.336	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.860	1	A
Endrin ketone	ND		ug/kg	1.97	0.506	1	A
Dieldrin	ND		ug/kg	1.23	0.615	1	A
4,4'-DDE	ND		ug/kg	1.97	0.455	1	A
4,4'-DDD	ND		ug/kg	1.97	0.702	1	B
4,4'-DDT	ND		ug/kg	1.97	1.58	1	A
Endosulfan I	ND		ug/kg	1.97	0.465	1	A
Endosulfan II	ND		ug/kg	1.97	0.657	1	A
Endosulfan sulfate	0.580	JIP	ug/kg	0.820	0.390	1	B
Methoxychlor	ND		ug/kg	3.69	1.15	1	A
Toxaphene	ND		ug/kg	36.9	10.3	1	A
cis-Chlordane	ND		ug/kg	2.46	0.685	1	A
trans-Chlordane	0.711	JIP	ug/kg	2.46	0.649	1	A
Chlordane	ND		ug/kg	16.4	6.52	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-10**Date Collected:** 01/27/23 11:45**Client ID:** SB24 (13-13.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	54		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-11
Client ID: SB25 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:20
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 11:31
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:33
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.697	0.311	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.940	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	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	0.434	JIP	ug/kg	0.697	0.332	1	B
Methoxychlor	ND		ug/kg	3.14	0.975	1	A
Toxaphene	ND		ug/kg	31.4	8.78	1	A
cis-Chlordane	0.800	J	ug/kg	2.09	0.582	1	B
trans-Chlordane	1.10	JP	ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-11**Date Collected:** 01/27/23 12:20**Client ID:** SB25 (.5-1)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	137		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-12
 Client ID: SB25 (6-6.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:25
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 01/31/23 11:42
 Analyst: MEO
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	ND		ug/kg	1.85	0.427	1	A
4,4'-DDD	ND		ug/kg	1.85	0.659	1	A
4,4'-DDT	ND		ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.70	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	1.21	JIP	ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.4	6.12	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-12**Date Collected:** 01/27/23 12:25**Client ID:** SB25 (6-6.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, 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	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-13
Client ID: SB26 (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:00
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 11:53
Analyst: MEO
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.676	0.302	1	A
Alpha-BHC	ND		ug/kg	0.676	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.615	1	A
Heptachlor	ND		ug/kg	0.811	0.364	1	A
Aldrin	ND		ug/kg	1.62	0.571	1	A
Heptachlor epoxide	ND		ug/kg	3.04	0.912	1	A
Endrin	ND		ug/kg	0.676	0.277	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.710	1	A
Endrin ketone	ND		ug/kg	1.62	0.418	1	A
Dieldrin	ND		ug/kg	1.01	0.507	1	A
4,4'-DDE	ND		ug/kg	1.62	0.375	1	A
4,4'-DDD	ND		ug/kg	1.62	0.579	1	A
4,4'-DDT	ND		ug/kg	1.62	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.383	1	A
Endosulfan II	ND		ug/kg	1.62	0.542	1	A
Endosulfan sulfate	ND		ug/kg	0.676	0.322	1	A
Methoxychlor	ND		ug/kg	3.04	0.946	1	A
Toxaphene	ND		ug/kg	30.4	8.52	1	A
cis-Chlordane	ND		ug/kg	2.03	0.565	1	A
trans-Chlordane	0.887	JIP	ug/kg	2.03	0.535	1	A
Chlordane	ND		ug/kg	13.5	5.37	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-13

Date Collected: 01/27/23 13:00

Client ID: SB26 (4-4.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	144		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-14
 Client ID: SB26 (9.5-10)
 Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:05
 Date Received: 01/27/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 01/31/23 12:04
 Analyst: MEO
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:44
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.701	0.314	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.842	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1	A
Endrin	ND		ug/kg	0.701	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.982	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-14

Date Collected: 01/27/23 13:05

Client ID: SB26 (9.5-10)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	133		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-15
Client ID: SB27 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:25
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 12:15
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.400	1	A
Endosulfan II	ND		ug/kg	1.70	0.566	1	A
Endosulfan sulfate	0.963	P	ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	0.855	J	ug/kg	2.12	0.590	1	B
trans-Chlordane	1.47	J	ug/kg	2.12	0.559	1	B
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-15

Date Collected: 01/27/23 13:25

Client ID: SB27 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, 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	81		30-150	A
Decachlorobiphenyl	135		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2304857
Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-16
Client ID: SB27 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:30
Date Received: 01/27/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/23 12:27
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/29/23 00:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	ND		ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.779	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.557	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.635	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.35	1	A
cis-Chlordane	ND		ug/kg	2.23	0.620	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-16**Date Collected:** 01/27/23 13:30**Client ID:** SB27 (11-11.5)**Date Received:** 01/27/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 01/30/23 17:31
 Analyst: MMG

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-16 Batch: WG1738409-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.8	5.10	A

Project Name: 100 MAIN ST (SEARS)**Project Number:** 12461**Lab Number:** L2304857**Report Date:** 02/13/23**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 01/30/23 17:31
 Analyst: MMG

Extraction Method: EPA 3546
 Extraction Date: 01/29/23 00:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 01/30/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 01/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-16 Batch: WG1738409-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-16 Batch: WG1738409-2 WG1738409-3									
Delta-BHC	76		68		30-150	11		30	A
Lindane	87		79		30-150	10		30	A
Alpha-BHC	88		80		30-150	10		30	A
Beta-BHC	91		84		30-150	8		30	A
Heptachlor	89		81		30-150	9		30	A
Aldrin	87		79		30-150	10		30	A
Heptachlor epoxide	74		58		30-150	24		30	A
Endrin	88		80		30-150	10		30	A
Endrin aldehyde	67		61		30-150	9		30	A
Endrin ketone	88		81		30-150	8		30	A
Dieldrin	91		83		30-150	9		30	A
4,4'-DDE	87		79		30-150	10		30	A
4,4'-DDD	93		83		30-150	11		30	A
4,4'-DDT	92		82		30-150	11		30	A
Endosulfan I	86		78		30-150	10		30	A
Endosulfan II	89		81		30-150	9		30	A
Endosulfan sulfate	73		69		30-150	6		30	A
Methoxychlor	88		80		30-150	10		30	A
cis-Chlordane	74		68		30-150	8		30	A
trans-Chlordane	96		88		30-150	9		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-16 Batch: WG1738409-2 WG1738409-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		73		30-150	A
Decachlorobiphenyl	103		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		71		30-150	B
Decachlorobiphenyl	96		83		30-150	B

METALS

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-01

Date Collected: 01/27/23 08:20

Client ID: SB20 (1-1.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5380		mg/kg	8.16	2.20	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Antimony, Total	0.858	J	mg/kg	4.08	0.310	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.82		mg/kg	0.816	0.170	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Barium, Total	41.7		mg/kg	0.816	0.142	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.408	0.027	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.222	J	mg/kg	0.816	0.080	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Calcium, Total	12300		mg/kg	8.16	2.85	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Chromium, Total	11.4		mg/kg	0.816	0.078	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.45		mg/kg	1.63	0.135	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Copper, Total	15.1		mg/kg	0.816	0.210	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Iron, Total	10700		mg/kg	4.08	0.736	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Lead, Total	11.3		mg/kg	4.08	0.219	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Magnesium, Total	7840		mg/kg	8.16	1.26	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Manganese, Total	162		mg/kg	0.816	0.130	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Mercury, Total	0.058	J	mg/kg	0.080	0.052	1	01/31/23 03:45	02/02/23 10:04	EPA 7471B	1,7471B	DMB
Nickel, Total	9.74		mg/kg	2.04	0.197	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Potassium, Total	1800		mg/kg	204	11.7	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Selenium, Total	0.224	J	mg/kg	1.63	0.210	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.408	0.231	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Sodium, Total	315		mg/kg	163	2.57	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.63	0.257	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Vanadium, Total	17.5		mg/kg	0.816	0.166	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC
Zinc, Total	39.7		mg/kg	4.08	0.239	2	01/31/23 03:00	02/01/23 17:02	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-02

Date Collected: 01/27/23 08:25

Client ID: SB20 (13-13.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7750		mg/kg	8.99	2.43	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Antimony, Total	1.51	J	mg/kg	4.49	0.341	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.09		mg/kg	0.899	0.187	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Barium, Total	69.0		mg/kg	0.899	0.156	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.449	0.030	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.164	J	mg/kg	0.899	0.088	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Calcium, Total	7710		mg/kg	8.99	3.14	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Chromium, Total	15.6		mg/kg	0.899	0.086	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Cobalt, Total	6.21		mg/kg	1.80	0.149	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Copper, Total	24.6		mg/kg	0.899	0.232	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Iron, Total	13700		mg/kg	4.49	0.811	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Lead, Total	99.8		mg/kg	4.49	0.241	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Magnesium, Total	5650		mg/kg	8.99	1.38	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Manganese, Total	151		mg/kg	0.899	0.143	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Mercury, Total	0.839		mg/kg	0.090	0.059	1	01/31/23 03:45	02/02/23 10:08	EPA 7471B	1,7471B	DMB
Nickel, Total	11.1		mg/kg	2.25	0.217	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Potassium, Total	1610		mg/kg	225	12.9	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Selenium, Total	0.881	J	mg/kg	1.80	0.232	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.449	0.254	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Sodium, Total	525		mg/kg	180	2.83	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.80	0.283	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Vanadium, Total	22.7		mg/kg	0.899	0.182	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC
Zinc, Total	80.5		mg/kg	4.49	0.263	2	01/31/23 03:00	02/01/23 17:06	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-03

Date Collected: 01/27/23 09:00

Client ID: SB21 (2-2.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4260		mg/kg	8.34	2.25	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Antimony, Total	0.722	J	mg/kg	4.17	0.317	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.25		mg/kg	0.834	0.173	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Barium, Total	39.3		mg/kg	0.834	0.145	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.417	0.028	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.443	J	mg/kg	0.834	0.082	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Calcium, Total	27300		mg/kg	8.34	2.92	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Chromium, Total	9.50		mg/kg	0.834	0.080	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.80		mg/kg	1.67	0.138	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Copper, Total	12.3		mg/kg	0.834	0.215	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Iron, Total	9090		mg/kg	4.17	0.753	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Lead, Total	1.81	J	mg/kg	4.17	0.223	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Magnesium, Total	9570		mg/kg	8.34	1.28	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Manganese, Total	124		mg/kg	0.834	0.132	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.079	0.052	1	01/31/23 03:45	02/02/23 10:11	EPA 7471B	1,7471B	DMB
Nickel, Total	8.73		mg/kg	2.08	0.202	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Potassium, Total	1420		mg/kg	208	12.0	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.67	0.215	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.417	0.236	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Sodium, Total	821		mg/kg	167	2.63	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.67	0.263	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Vanadium, Total	13.8		mg/kg	0.834	0.169	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC
Zinc, Total	24.4		mg/kg	4.17	0.244	2	01/31/23 03:00	02/01/23 17:11	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-04

Date Collected: 01/27/23 09:05

Client ID: SB21 (10-10.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5070		mg/kg	9.54	2.57	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Antimony, Total	0.840	J	mg/kg	4.77	0.362	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.95		mg/kg	0.954	0.198	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Barium, Total	35.1		mg/kg	0.954	0.166	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.477	0.032	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.171	J	mg/kg	0.954	0.094	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Calcium, Total	21800		mg/kg	9.54	3.34	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Chromium, Total	12.7		mg/kg	0.954	0.092	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.89		mg/kg	1.91	0.158	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Copper, Total	15.1		mg/kg	0.954	0.246	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Iron, Total	9760		mg/kg	4.77	0.861	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Lead, Total	2.53	J	mg/kg	4.77	0.256	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Magnesium, Total	7000		mg/kg	9.54	1.47	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Manganese, Total	166		mg/kg	0.954	0.152	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.080	0.052	1	01/31/23 03:45	02/02/23 10:14	EPA 7471B	1,7471B	DMB
Nickel, Total	9.16		mg/kg	2.38	0.231	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Potassium, Total	1270		mg/kg	238	13.7	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.91	0.246	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.477	0.270	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Sodium, Total	939		mg/kg	191	3.00	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.91	0.300	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Vanadium, Total	16.5		mg/kg	0.954	0.194	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC
Zinc, Total	25.2		mg/kg	4.77	0.279	2	01/31/23 03:00	02/01/23 17:15	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-05

Date Collected: 01/27/23 09:50

Client ID: SB22 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6210		mg/kg	8.37	2.26	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Antimony, Total	1.67	J	mg/kg	4.18	0.318	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.07		mg/kg	0.837	0.174	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Barium, Total	61.7		mg/kg	0.837	0.146	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.418	0.028	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.195	J	mg/kg	0.837	0.082	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Calcium, Total	11100		mg/kg	8.37	2.93	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Chromium, Total	13.4		mg/kg	0.837	0.080	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.87		mg/kg	1.67	0.139	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Copper, Total	19.3		mg/kg	0.837	0.216	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Iron, Total	13500		mg/kg	4.18	0.756	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Lead, Total	68.8		mg/kg	4.18	0.224	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Magnesium, Total	7500		mg/kg	8.37	1.29	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Manganese, Total	176		mg/kg	0.837	0.133	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Mercury, Total	0.219		mg/kg	0.086	0.056	1	01/31/23 03:45	02/02/23 10:24	EPA 7471B	1,7471B	DMB
Nickel, Total	10.3		mg/kg	2.09	0.202	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Potassium, Total	1700		mg/kg	209	12.0	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Selenium, Total	0.746	J	mg/kg	1.67	0.216	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.418	0.237	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Sodium, Total	626		mg/kg	167	2.64	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.67	0.264	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Vanadium, Total	19.7		mg/kg	0.837	0.170	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC
Zinc, Total	61.7		mg/kg	4.18	0.245	2	01/31/23 03:00	02/01/23 17:20	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-06

Date Collected: 01/27/23 09:55

Client ID: SB22 (7-7.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4830		mg/kg	8.51	2.30	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Antimony, Total	0.847	J	mg/kg	4.26	0.323	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.54		mg/kg	0.851	0.177	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Barium, Total	37.0		mg/kg	0.851	0.148	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.426	0.028	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.095	J	mg/kg	0.851	0.083	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Calcium, Total	15700		mg/kg	8.51	2.98	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Chromium, Total	10.8		mg/kg	0.851	0.082	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.23		mg/kg	1.70	0.141	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Copper, Total	13.5		mg/kg	0.851	0.220	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Iron, Total	10200		mg/kg	4.26	0.769	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Lead, Total	1.79	J	mg/kg	4.26	0.228	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Magnesium, Total	9680		mg/kg	8.51	1.31	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Manganese, Total	151		mg/kg	0.851	0.135	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.084	0.055	1	01/31/23 03:45	02/02/23 10:27	EPA 7471B	1,7471B	DMB
Nickel, Total	9.81		mg/kg	2.13	0.206	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Potassium, Total	1580		mg/kg	213	12.2	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Selenium, Total	0.342	J	mg/kg	1.70	0.220	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.426	0.241	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Sodium, Total	503		mg/kg	170	2.68	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.70	0.268	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Vanadium, Total	15.5		mg/kg	0.851	0.173	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC
Zinc, Total	29.2		mg/kg	4.26	0.249	2	01/31/23 03:00	02/01/23 17:24	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07

Date Collected: 01/27/23 10:30

Client ID: SB23 (1.5-2)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5380		mg/kg	8.15	2.20	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Antimony, Total	0.735	J	mg/kg	4.08	0.310	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.76		mg/kg	0.815	0.170	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Barium, Total	43.9		mg/kg	0.815	0.142	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.408	0.027	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.136	J	mg/kg	0.815	0.080	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Calcium, Total	10700		mg/kg	8.15	2.85	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Chromium, Total	10.9		mg/kg	0.815	0.078	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.16		mg/kg	1.63	0.135	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Copper, Total	14.1		mg/kg	0.815	0.210	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Iron, Total	10100		mg/kg	4.08	0.736	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Lead, Total	12.7		mg/kg	4.08	0.218	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Magnesium, Total	7860		mg/kg	8.15	1.26	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Manganese, Total	167		mg/kg	0.815	0.130	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Mercury, Total	0.073	J	mg/kg	0.084	0.055	1	01/31/23 03:45	02/02/23 10:31	EPA 7471B	1,7471B	DMB
Nickel, Total	9.58		mg/kg	2.04	0.197	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Potassium, Total	1670		mg/kg	204	11.7	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Selenium, Total	0.486	J	mg/kg	1.63	0.210	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.408	0.231	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Sodium, Total	224		mg/kg	163	2.57	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.63	0.257	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Vanadium, Total	15.9		mg/kg	0.815	0.165	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC
Zinc, Total	36.0		mg/kg	4.08	0.239	2	01/31/23 03:00	02/01/23 17:29	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-08

Date Collected: 01/27/23 10:35

Client ID: SB23 (8-8.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5080		mg/kg	8.21	2.22	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Antimony, Total	0.823	J	mg/kg	4.11	0.312	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.52		mg/kg	0.821	0.171	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Barium, Total	38.6		mg/kg	0.821	0.143	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.411	0.027	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.128	J	mg/kg	0.821	0.081	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Calcium, Total	8810		mg/kg	8.21	2.87	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Chromium, Total	11.3		mg/kg	0.821	0.079	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.46		mg/kg	1.64	0.136	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Copper, Total	13.9		mg/kg	0.821	0.212	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Iron, Total	10700		mg/kg	4.11	0.742	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Lead, Total	2.74	J	mg/kg	4.11	0.220	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Magnesium, Total	6980		mg/kg	8.21	1.26	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Manganese, Total	138		mg/kg	0.821	0.130	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.076	0.049	1	01/31/23 03:45	02/02/23 10:34	EPA 7471B	1,7471B	DMB
Nickel, Total	9.51		mg/kg	2.05	0.199	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Potassium, Total	1660		mg/kg	205	11.8	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Selenium, Total	0.732	J	mg/kg	1.64	0.212	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.411	0.232	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Sodium, Total	100	J	mg/kg	164	2.59	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.64	0.259	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Vanadium, Total	16.6		mg/kg	0.821	0.167	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC
Zinc, Total	27.0		mg/kg	4.11	0.241	2	01/31/23 03:00	02/01/23 17:33	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-09

Date Collected: 01/27/23 11:40

Client ID: SB24 (4.5-5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5430		mg/kg	8.43	2.28	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Antimony, Total	0.878	J	mg/kg	4.21	0.320	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.67		mg/kg	0.843	0.175	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Barium, Total	47.0		mg/kg	0.843	0.147	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.421	0.028	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.185	J	mg/kg	0.843	0.083	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Calcium, Total	14200		mg/kg	8.43	2.95	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Chromium, Total	11.0		mg/kg	0.843	0.081	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.60		mg/kg	1.68	0.140	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Copper, Total	15.5		mg/kg	0.843	0.217	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Iron, Total	10700		mg/kg	4.21	0.761	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Lead, Total	12.4		mg/kg	4.21	0.226	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Magnesium, Total	9520		mg/kg	8.43	1.30	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Manganese, Total	160		mg/kg	0.843	0.134	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.084	0.055	1	01/31/23 03:45	02/02/23 10:37	EPA 7471B	1,7471B	DMB
Nickel, Total	10.2		mg/kg	2.11	0.204	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Potassium, Total	1890		mg/kg	211	12.1	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Selenium, Total	0.241	J	mg/kg	1.68	0.217	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.421	0.238	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Sodium, Total	83.0	J	mg/kg	168	2.66	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.68	0.266	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Vanadium, Total	17.3		mg/kg	0.843	0.171	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC
Zinc, Total	34.3		mg/kg	4.21	0.247	2	01/31/23 03:00	02/01/23 17:38	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-10

Date Collected: 01/27/23 11:45

Client ID: SB24 (13-13.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5440		mg/kg	9.69	2.62	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Antimony, Total	0.909	J	mg/kg	4.84	0.368	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.53		mg/kg	0.969	0.202	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Barium, Total	47.7		mg/kg	0.969	0.169	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.484	0.032	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.130	J	mg/kg	0.969	0.095	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Calcium, Total	24800		mg/kg	9.69	3.39	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Chromium, Total	12.6		mg/kg	0.969	0.093	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.95		mg/kg	1.94	0.161	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Copper, Total	14.2		mg/kg	0.969	0.250	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Iron, Total	11600		mg/kg	4.84	0.875	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Lead, Total	2.75	J	mg/kg	4.84	0.260	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Magnesium, Total	15000		mg/kg	9.69	1.49	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Manganese, Total	213		mg/kg	0.969	0.154	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.079	0.052	1	01/31/23 03:45	02/02/23 10:41	EPA 7471B	1,7471B	DMB
Nickel, Total	10.5		mg/kg	2.42	0.234	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Potassium, Total	2040		mg/kg	242	14.0	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Selenium, Total	0.366	J	mg/kg	1.94	0.250	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.484	0.274	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Sodium, Total	129	J	mg/kg	194	3.05	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.94	0.305	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Vanadium, Total	17.9		mg/kg	0.969	0.197	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC
Zinc, Total	31.4		mg/kg	4.84	0.284	2	01/31/23 03:00	02/01/23 17:42	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-11

Date Collected: 01/27/23 12:20

Client ID: SB25 (.5-1)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5950		mg/kg	8.42	2.27	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Antimony, Total	0.934	J	mg/kg	4.21	0.320	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.86		mg/kg	0.842	0.175	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Barium, Total	51.1		mg/kg	0.842	0.146	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.421	0.028	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.252	J	mg/kg	0.842	0.083	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Calcium, Total	17300		mg/kg	8.42	2.94	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Chromium, Total	12.1		mg/kg	0.842	0.081	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Cobalt, Total	6.63		mg/kg	1.68	0.140	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Copper, Total	19.6		mg/kg	0.842	0.217	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Iron, Total	11000		mg/kg	4.21	0.760	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Lead, Total	18.2		mg/kg	4.21	0.226	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Magnesium, Total	9790		mg/kg	8.42	1.30	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Manganese, Total	170		mg/kg	0.842	0.134	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Mercury, Total	0.067	J	mg/kg	0.086	0.056	1	01/31/23 03:45	02/02/23 10:44	EPA 7471B	1,7471B	DMB
Nickel, Total	10.2		mg/kg	2.10	0.204	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Potassium, Total	1990		mg/kg	210	12.1	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.68	0.217	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.421	0.238	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Sodium, Total	760		mg/kg	168	2.65	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.68	0.265	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Vanadium, Total	18.2		mg/kg	0.842	0.171	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC
Zinc, Total	44.5		mg/kg	4.21	0.246	2	01/31/23 03:00	02/01/23 19:17	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-12

Date Collected: 01/27/23 12:25

Client ID: SB25 (6-6.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5040		mg/kg	8.93	2.41	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Antimony, Total	0.883	J	mg/kg	4.46	0.339	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.34		mg/kg	0.893	0.186	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Barium, Total	41.7		mg/kg	0.893	0.155	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.446	0.030	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.226	J	mg/kg	0.893	0.088	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Calcium, Total	17200		mg/kg	8.93	3.12	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Chromium, Total	11.4		mg/kg	0.893	0.086	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.38		mg/kg	1.78	0.148	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Copper, Total	13.5		mg/kg	0.893	0.230	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Iron, Total	10600		mg/kg	4.46	0.806	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Lead, Total	4.69		mg/kg	4.46	0.239	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Magnesium, Total	11000		mg/kg	8.93	1.37	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Manganese, Total	137		mg/kg	0.893	0.142	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.085	0.055	1	01/31/23 03:45	02/02/23 10:47	EPA 7471B	1,7471B	DMB
Nickel, Total	9.35		mg/kg	2.23	0.216	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Potassium, Total	1950		mg/kg	223	12.8	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.78	0.230	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.446	0.253	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Sodium, Total	84.0	J	mg/kg	178	2.81	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.78	0.281	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Vanadium, Total	16.8		mg/kg	0.893	0.181	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC
Zinc, Total	28.2		mg/kg	4.46	0.262	2	01/31/23 03:00	02/01/23 19:22	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-13

Date Collected: 01/27/23 13:00

Client ID: SB26 (4-4.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4680		mg/kg	8.24	2.22	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Antimony, Total	0.787	J	mg/kg	4.12	0.313	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.32		mg/kg	0.824	0.171	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Barium, Total	37.4		mg/kg	0.824	0.143	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.412	0.027	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.091	J	mg/kg	0.824	0.081	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Calcium, Total	12500		mg/kg	8.24	2.88	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Chromium, Total	9.32		mg/kg	0.824	0.079	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.79		mg/kg	1.65	0.137	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Copper, Total	12.9		mg/kg	0.824	0.213	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Iron, Total	9460		mg/kg	4.12	0.744	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Lead, Total	8.86		mg/kg	4.12	0.221	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Magnesium, Total	8870		mg/kg	8.24	1.27	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Manganese, Total	163		mg/kg	0.824	0.131	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.075	0.049	1	01/31/23 03:45	02/02/23 10:50	EPA 7471B	1,7471B	DMB
Nickel, Total	8.12		mg/kg	2.06	0.199	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Potassium, Total	1630		mg/kg	206	11.9	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.65	0.213	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.412	0.233	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Sodium, Total	63.9	J	mg/kg	165	2.60	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.65	0.260	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Vanadium, Total	14.5		mg/kg	0.824	0.167	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC
Zinc, Total	28.8		mg/kg	4.12	0.241	2	01/31/23 03:00	02/01/23 19:26	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-14

Date Collected: 01/27/23 13:05

Client ID: SB26 (9.5-10)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5000		mg/kg	8.38	2.26	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Antimony, Total	0.801	J	mg/kg	4.19	0.318	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.64		mg/kg	0.838	0.174	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Barium, Total	36.6		mg/kg	0.838	0.146	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.419	0.028	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.095	J	mg/kg	0.838	0.082	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Calcium, Total	12200		mg/kg	8.38	2.93	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Chromium, Total	10.4		mg/kg	0.838	0.080	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.30		mg/kg	1.68	0.139	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Copper, Total	12.6		mg/kg	0.838	0.216	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Iron, Total	10300		mg/kg	4.19	0.756	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Lead, Total	6.73		mg/kg	4.19	0.224	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Magnesium, Total	8650		mg/kg	8.38	1.29	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Manganese, Total	161		mg/kg	0.838	0.133	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.074	0.048	1	01/31/23 03:45	02/02/23 10:54	EPA 7471B	1,7471B	DMB
Nickel, Total	9.08		mg/kg	2.09	0.203	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Potassium, Total	1540		mg/kg	209	12.1	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.68	0.216	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.419	0.237	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Sodium, Total	82.6	J	mg/kg	168	2.64	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.68	0.264	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Vanadium, Total	15.4		mg/kg	0.838	0.170	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC
Zinc, Total	29.5		mg/kg	4.19	0.245	2	01/31/23 03:00	02/01/23 19:31	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-15

Date Collected: 01/27/23 13:25

Client ID: SB27 (3-3.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5850		mg/kg	8.24	2.22	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Antimony, Total	0.962	J	mg/kg	4.12	0.313	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.95		mg/kg	0.824	0.171	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Barium, Total	51.2		mg/kg	0.824	0.143	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.412	0.027	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.201	J	mg/kg	0.824	0.081	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Calcium, Total	13200		mg/kg	8.24	2.88	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Chromium, Total	12.4		mg/kg	0.824	0.079	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.70		mg/kg	1.65	0.137	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Copper, Total	15.6		mg/kg	0.824	0.212	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Iron, Total	11700		mg/kg	4.12	0.744	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Lead, Total	15.7		mg/kg	4.12	0.221	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Magnesium, Total	8860		mg/kg	8.24	1.27	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Manganese, Total	163		mg/kg	0.824	0.131	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.089	0.058	1	01/31/23 03:45	02/02/23 11:04	EPA 7471B	1,7471B	DMB
Nickel, Total	10.1		mg/kg	2.06	0.199	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Potassium, Total	2040		mg/kg	206	11.9	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Selenium, Total	0.458	J	mg/kg	1.65	0.212	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.412	0.233	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Sodium, Total	119	J	mg/kg	165	2.60	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.65	0.260	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Vanadium, Total	19.1		mg/kg	0.824	0.167	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC
Zinc, Total	36.9		mg/kg	4.12	0.241	2	01/31/23 03:00	02/01/23 19:35	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**SAMPLE RESULTS**

Lab ID: L2304857-16

Date Collected: 01/27/23 13:30

Client ID: SB27 (11-11.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6890		mg/kg	8.80	2.38	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Antimony, Total	1.15	J	mg/kg	4.40	0.335	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.06		mg/kg	0.880	0.183	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Barium, Total	50.9		mg/kg	0.880	0.153	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.440	0.029	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.128	J	mg/kg	0.880	0.086	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Calcium, Total	39800		mg/kg	8.80	3.08	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Chromium, Total	20.6		mg/kg	0.880	0.085	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Cobalt, Total	6.35		mg/kg	1.76	0.146	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Copper, Total	26.5		mg/kg	0.880	0.227	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Iron, Total	13200		mg/kg	4.40	0.795	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Lead, Total	8.79		mg/kg	4.40	0.236	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Magnesium, Total	7660		mg/kg	8.80	1.36	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Manganese, Total	172		mg/kg	0.880	0.140	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.089	0.058	1	01/31/23 03:45	02/02/23 11:07	EPA 7471B	1,7471B	DMB
Nickel, Total	10.0		mg/kg	2.20	0.213	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Potassium, Total	1850		mg/kg	220	12.7	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.76	0.227	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.440	0.249	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Sodium, Total	544		mg/kg	176	2.77	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.76	0.277	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Vanadium, Total	29.1		mg/kg	0.880	0.179	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC
Zinc, Total	32.4		mg/kg	4.40	0.258	2	01/31/23 03:00	02/01/23 19:40	EPA 3050B	1,6010D	MRC



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-16 Batch: WG1738511-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Barium, Total	ND		mg/kg	0.400	0.070	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Calcium, Total	2.93	J	mg/kg	4.00	1.40	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Chromium, Total	ND		mg/kg	0.400	0.038	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Copper, Total	ND		mg/kg	0.400	0.103	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Iron, Total	1.60	J	mg/kg	2.00	0.361	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Lead, Total	ND		mg/kg	2.00	0.107	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Magnesium, Total	1.04	J	mg/kg	4.00	0.616	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Manganese, Total	0.085	J	mg/kg	0.400	0.064	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Nickel, Total	0.113	J	mg/kg	1.00	0.097	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Potassium, Total	ND		mg/kg	100	5.76	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Silver, Total	ND		mg/kg	0.200	0.113	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Sodium, Total	7.38	J	mg/kg	80.0	1.26	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC
Zinc, Total	0.279	J	mg/kg	2.00	0.117	1	01/31/23 03:00	02/01/23 15:13	1,6010D	MRC

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): 01-16 Batch: WG1738512-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/31/23 03:45	02/02/23 09:28	1,7471B	DMB



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 Batch: WG1738511-2 SRM Lot Number: D116-540								
Aluminum, Total	84		-		45-155	-		
Antimony, Total	190		-		2-205	-		
Arsenic, Total	112		-		82-119	-		
Barium, Total	94		-		82-118	-		
Beryllium, Total	103		-		82-118	-		
Cadmium, Total	103		-		82-118	-		
Calcium, Total	98		-		81-119	-		
Chromium, Total	101		-		81-118	-		
Cobalt, Total	102		-		83-117	-		
Copper, Total	107		-		83-117	-		
Iron, Total	101		-		58-142	-		
Lead, Total	104		-		83-117	-		
Magnesium, Total	93		-		75-125	-		
Manganese, Total	100		-		82-118	-		
Nickel, Total	102		-		82-118	-		
Potassium, Total	94		-		68-131	-		
Selenium, Total	107		-		78-122	-		
Silver, Total	105		-		79-121	-		
Sodium, Total	99		-		71-130	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	103		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 Batch: WG1738511-2 SRM Lot Number: D116-540					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-16 Batch: WG1738512-2 SRM Lot Number: D116-540					
Mercury, Total	103	-	58-142	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16			QC Batch ID: WG1738511-3			QC Sample: L2304594-01			Client ID: MS Sample			
Aluminum, Total	11300	193	12300	518	Q	-	-		75-125	-		20
Antimony, Total	2.44	48.3	36.5	70	Q	-	-		75-125	-		20
Arsenic, Total	10.4	11.6	19.5	78		-	-		75-125	-		20
Barium, Total	27.8	193	167	72	Q	-	-		75-125	-		20
Beryllium, Total	1.74	4.83	5.10	70	Q	-	-		75-125	-		20
Cadmium, Total	0.485	5.12	4.27	74	Q	-	-		75-125	-		20
Calcium, Total	678	966	1340	68	Q	-	-		75-125	-		20
Chromium, Total	11.0	19.3	25.7	76		-	-		75-125	-		20
Cobalt, Total	13.3	48.3	46.5	69	Q	-	-		75-125	-		20
Copper, Total	27.2	24.2	45.5	76		-	-		75-125	-		20
Iron, Total	29900	96.6	29400	0	Q	-	-		75-125	-		20
Lead, Total	12.2	51.2	47.9	70	Q	-	-		75-125	-		20
Magnesium, Total	2350	966	3460	115		-	-		75-125	-		20
Manganese, Total	412	48.3	468	116		-	-		75-125	-		20
Nickel, Total	21.1	48.3	54.9	70	Q	-	-		75-125	-		20
Potassium, Total	1460	966	2400	97		-	-		75-125	-		20
Selenium, Total	1.67	11.6	10.1	73	Q	-	-		75-125	-		20
Silver, Total	ND	29	20.4	70	Q	-	-		75-125	-		20
Sodium, Total	26.0J	966	725	75		-	-		75-125	-		20
Thallium, Total	ND	11.6	7.44	64	Q	-	-		75-125	-		20
Vanadium, Total	29.0	48.3	63.5	71	Q	-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16			QC Batch ID: WG1738511-3		QC Sample: L2304594-01		Client ID: MS Sample		
Zinc, Total	128	48.3	225	201	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-16			QC Batch ID: WG1738512-3		QC Sample: L2304594-01		Client ID: MS Sample		
Mercury, Total	0.100	1.79	1.98	105		-	80-120	-	20

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2304857
Report Date: 02/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1738511-4 QC Sample: L2304594-01 Client ID: DUP Sample						
Arsenic, Total	10.4	10.7	mg/kg	3		20
Barium, Total	27.8	44.1	mg/kg	45	Q	20
Cadmium, Total	0.485	0.397J	mg/kg	NC		20
Chromium, Total	11.0	10.2	mg/kg	8		20
Lead, Total	12.2	16.1	mg/kg	28	Q	20
Selenium, Total	1.67	1.57	mg/kg	6		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1738512-4 QC Sample: L2304594-01 Client ID: DUP Sample						
Mercury, Total	0.100	0.090J	mg/kg	NC		20

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2304857
Report Date: 02/13/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1738511-6 QC Sample: L2304594-01 Client ID: DUP Sample						
Barium, Total	27.8	37.5	mg/kg	35	Q	20

INORGANICS & MISCELLANEOUS

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-01

Client ID: SB20 (1-1.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:20

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 10:50	02/01/23 13:48	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-02

Client ID: SB20 (13-13.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 08:25

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/01/23 10:50	02/01/23 13:49	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)**Project Number:** 12461**Lab Number:** L2304857**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-03**Client ID:** SB21 (2-2.5)**Sample Location:** WHITE PLAINS, NY**Date Collected:** 01/27/23 09:00**Date Received:** 01/27/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	02/01/23 10:50	02/01/23 13:50	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-04

Client ID: SB21 (10-10.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:05

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	02/01/23 10:50	02/01/23 13:51	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-05

Client ID: SB22 (3-3.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:50

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.1		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/01/23 10:50	02/01/23 13:54	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-06

Client ID: SB22 (7-7.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 09:55

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 10:50	02/01/23 13:57	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-07

Client ID: SB23 (1.5-2)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 10:30

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 10:50	02/01/23 13:58	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-08

Date Collected: 01/27/23 10:35

Client ID: SB23 (8-8.5)

Date Received: 01/27/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	02/01/23 10:50	02/01/23 13:59	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-09

Client ID: SB24 (4.5-5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:40

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 10:50	02/01/23 14:00	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-10

Client ID: SB24 (13-13.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 11:45

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	02/01/23 10:50	02/01/23 14:01	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-11

Client ID: SB25 (.5-1)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:20

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 10:50	02/01/23 14:14	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-12

Client ID: SB25 (6-6.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 12:25

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	02/01/23 10:50	02/01/23 14:15	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)**Project Number:** 12461**Lab Number:** L2304857**Report Date:** 02/13/23**SAMPLE RESULTS****Lab ID:** L2304857-13**Client ID:** SB26 (4-4.5)**Sample Location:** WHITE PLAINS, NY**Date Collected:** 01/27/23 13:00**Date Received:** 01/27/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	01/28/23 09:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	02/01/23 10:50	02/01/23 14:18	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-14

Client ID: SB26 (9.5-10)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:05

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	01/28/23 09:53	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	02/01/23 10:50	02/01/23 14:19	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-15

Client ID: SB27 (3-3.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:25

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	01/28/23 09:53	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 10:50	02/01/23 14:20	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

SAMPLE RESULTS

Lab ID: L2304857-16

Client ID: SB27 (11-11.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 01/27/23 13:30

Date Received: 01/27/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	01/28/23 09:53	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/01/23 10:50	02/01/23 14:21	1,9010C/9012B	JER



Project Name: 100 MAIN ST (SEARS)

Lab Number: L2304857

Project Number: 12461

Report Date: 02/13/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1739551-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	02/01/23 10:50	02/01/23 13:29	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 11-16 Batch: WG1739552-1										
Cyanide, Total	ND		mg/kg	0.85	0.18	1	02/01/23 10:50	02/01/23 14:02	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1739551-2 WG1739551-3								
Cyanide, Total	82		127	Q	80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 11-16 Batch: WG1739552-2 WG1739552-3								
Cyanide, Total	98		91		80-120	14		35

Matrix Spike Analysis Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1739551-4 WG1739551-5 QC Sample: L2304857-05 Client ID: SB22 (3-3.5)												
Cyanide, Total	ND	9.7	9.7	100		10	97		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 11-16 QC Batch ID: WG1739552-4 WG1739552-5 QC Sample: L2304854-40 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		11	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2304857

Report Date: 02/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG1738285-1 QC Sample: L2304857-01 Client ID: SB20 (1-1.5)						
Solids, Total	96.0	95.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 14-16 QC Batch ID: WG1738286-1 QC Sample: L2304811-03 Client ID: DUP Sample						
Solids, Total	98.6	98.1	%	1		20

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**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(*)
L2304857-01A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-01B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-01C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-01D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-01E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-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),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2304857-01G	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-01H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-01X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-01Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-01Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-02A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-02B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-02C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-02D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-02E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180)

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-02G	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-02H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-02X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-02Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-02Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-03A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-03B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-03C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-03D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-03E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2304857-03G	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-03H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-03X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-03Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-03Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-04A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-04B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-04C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2304857-04D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-04E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2304857-04G	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(90)

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-04H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-04X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-04Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-04Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-05A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-05B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-05C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-05D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-05E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),CU-Ti(180),ZN-Ti(180),SB-Ti(180),PB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180)
L2304857-05G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-05H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-05X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-05Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-05Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-06A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-06B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-06C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-06D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-06E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),SB-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2304857-06G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-06H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-06X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-06Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-06Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-07A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-07B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-07C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-07D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-07E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-07F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2304857-07G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-07H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-07X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-07Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-07Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-08A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-08B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-08C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-08D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-08E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-08F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),MN-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2304857-08G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-08H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-08X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-08Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-08Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-09A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-09B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-09C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-09D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-09E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-09F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)
L2304857-09G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-09H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-09X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-09Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-09Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-10A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-10B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-10C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-10D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-10E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-10F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),PB-Ti(180),SE-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),NA-Ti(180),K-Ti(180),CD-Ti(180),CA-Ti(180)
L2304857-10G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-10H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-10X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-10Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-10Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-11A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-11B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-11C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-11D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-11E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-11F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),PB-Ti(180),CU-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),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2304857-11G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-11H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-11X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-11Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-11Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-12A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-12B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-12C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-12D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-12E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-12F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),CU-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2304857-12G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-12H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-12X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-12Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-12Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:30	NYTCL-8260HLW(14)
L2304857-13A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-13B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-13C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-13D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-13E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-13F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2304857-13G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-13H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-13X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-13Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)
L2304857-13Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)
L2304857-14A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-14B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-14C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-14D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-14E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-14F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180)
L2304857-14G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)

Project Name: 100 MAIN ST (SEARS)**Lab Number:** L2304857**Project Number:** 12461**Report Date:** 02/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-14H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-14X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-14Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)
L2304857-14Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)
L2304857-15A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-15B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-15C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-15D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-15E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-15F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180)
L2304857-15G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304857-15H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-15X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-15Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)
L2304857-15Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)
L2304857-16A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-16B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-16C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-16D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2304857-16E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2304857-16F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-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),MN-Ti(180),HG-T(28),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)
L2304857-16G	Plastic 8oz unpreserved	B	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(90)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304857-16H	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304857-16X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2304857-16Y	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)
L2304857-16Z	Vial Water preserved split	A	NA		3.4	Y	Absent	28-JAN-23 10:32	NYTCL-8260HLW(14)

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSA's)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs).

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY 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: 508-822-3286		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 1/27/23		ALPHA Job # 62304857																																																																																																																																																																																													
		Project Information Project Name: <u>100 Main (sears)</u> Project Location: <u>White Plains, NY</u> Project # <u>12461</u> (Use Project name as Project #) ☐ Project Manager: <u>Steve Gustems</u> ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: <u>1 week</u> # of Days:		Deliverables ☐ ASP-A ☒ ASP-B ☒ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO# <u>Rennick Service Hall Inc</u> <u>Env. Mgmt LLC</u> <u>Attn: Kevin Mc Mahur</u>																																																																																																																																																																																															
Client Information Client: <u>SES</u> Address: <u>959 US 46 G3rd</u> <u>Parsippany, NJ 07054</u> Phone: <u>973-808-7050</u> Fax: Email: <u>joseph.ory@sesa.org</u>		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:																																																																																																																																																																																																	
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="3"></th> <th colspan="3"></th> <th colspan="3"></th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> <th></th><th></th><th></th><th></th><th></th><th></th><th></th> </tr> </thead> <tbody> <tr> <td>04857-01</td> <td>SB20 (1-1.5)</td> <td>1/27/23</td> <td>820</td> <td>Soil</td> <td>TAD</td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>02</td> <td>SB20 (13-13.5)</td> <td></td> <td>825</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>03</td> <td>SB21 (2-2.5)</td> <td></td> <td>960</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>04</td> <td>SB21 (10-10.5)</td> <td></td> <td>905</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>05</td> <td>SB22 (3-3.5)</td> <td></td> <td>950</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>06</td> <td>SB22 (7-7.5)</td> <td></td> <td>955</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>07</td> <td>SB23 (1.5-2)</td> <td></td> <td>1030</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>08</td> <td>SB23 (8-8.5)</td> <td></td> <td>1035</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>09</td> <td>SB24 (4.5-5)</td> <td></td> <td>1140</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td>10</td> <td>SB24 (13-13.5)</td> <td></td> <td>1145</td> <td></td> <td></td> <td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> </tbody> </table>						ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials										Sample Specific Comments	Date	Time								04857-01	SB20 (1-1.5)	1/27/23	820	Soil	TAD	X	X	X								02	SB20 (13-13.5)		825													03	SB21 (2-2.5)		960													04	SB21 (10-10.5)		905													05	SB22 (3-3.5)		950													06	SB22 (7-7.5)		955													07	SB23 (1.5-2)		1030													08	SB23 (8-8.5)		1035													09	SB24 (4.5-5)		1140													10	SB24 (13-13.5)		1145													Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A P Preservative A A A		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.)	
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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		Project Information Project Name: 100 main (scars) Project Location: white Plains, NY Project # 12461 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☒ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO# Renaissance Galleria Env Mgmt LLC Attn: Kevin McKenna	
Client Information Client: SFS Address: 2159 US 46 E 3rd Fl Portsmouth, ND 58056 Phone: 773 808 9050 Fax: 773 808 9050 Email: gse@seer.org / sfs@seer.org		Project Manager: Steve Gustems ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: week # of Days:		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:			
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ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
04857-11	SB 25 (1.5-1)	1/21/23	1220	Soil	TAJ	X	X	X	
	12 SB 25 (6-6.5)		1225						
	13 SB 26 (4-4.5)		1300						
	14 SB 26 (9.5-10)		1305						
	15 SB 27 (3-3.5)		1325						
	16 SB 27 (11-11.5)		1330						
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		Relinquished By: [Signature] Date/Time: 1/27/23 1610 1/27/23 1730 1/27/23 2120 1/27/23 2205		Received By: [Signature] Date/Time: 1/27/23 1616 1/27/23 1930 1/27/23 2120 1/27/23 2305		Container Type: AAP Preservative: AAA			
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)									



ANALYTICAL REPORT

Lab Number:	L2331480
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	100 MAIN ST.
Project Number:	12461
Report Date:	06/16/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2331480
Report Date: 06/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2331480-01	SB-28S(2-2.5)	SOIL	WHITE PLAINS, NY	06/06/23 09:30	06/06/23
L2331480-02	SB-29S(1-1.5)	SOIL	WHITE PLAINS, NY	06/06/23 10:15	06/06/23
L2331480-03	SB-30S(7-7.5)	SOIL	WHITE PLAINS, NY	06/06/23 10:30	06/06/23
L2331480-04	SB-30S(1.5-2)	SOIL	WHITE PLAINS, NY	06/06/23 10:40	06/06/23
L2331480-05	SB-31S(0.5-1)	SOIL	WHITE PLAINS, NY	06/06/23 10:55	06/06/23
L2331480-06	GW-12	WATER	WHITE PLAINS, NY	06/06/23 09:50	06/06/23
L2331480-07	GW-13	WATER	WHITE PLAINS, NY	06/06/23 11:20	06/06/23
L2331480-08	SB-32S(3-3.5)	SOIL	WHITE PLAINS, NY	06/06/23 12:15	06/06/23

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2331480
Report Date: 06/16/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2331480
Report Date: 06/16/23

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

The WG1789052-2/-3 LCS/LCSD recoveries, associated with L2331480-06 and -07, are below the acceptance criteria for 4-chloroaniline (0%/0%) and benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2331480-01 through -05 and -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1788885-5 MSD recovery, performed on L2331480-06, is outside the acceptance criteria for cyanide, total (63%); however, the associated LCS recovery is within criteria. No further action was taken. The MS/MSD RPD for cyanide, total (43%) is above the acceptance criteria.

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: 06/16/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-01
 Client ID: SB-28S(2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 14:10
 Analyst: AJK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-01
 Client ID: SB-28S(2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30
 Date Received: 06/06/23
 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	53		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	11		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	0.19	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-01
 Client ID: SB-28S(2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	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	0.19	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	37.8	J	ug/kg	1
Unknown Naphthalene	3.65	J	ug/kg	1
Unknown	4.98	J	ug/kg	1
Unknown	6.77	J	ug/kg	1
Unknown Alkane	3.01	J	ug/kg	1
Unknown Aromatic	3.02	J	ug/kg	1
Unknown	2.71	J	ug/kg	1
Unknown	4.26	J	ug/kg	1
Unknown	2.78	J	ug/kg	1
Unknown	2.88	J	ug/kg	1
Unknown	3.71	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-02
 Client ID: SB-29S(1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 14:36
 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	5.3	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	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	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	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	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	0.48	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-02
 Client ID: SB-29S(1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	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	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	3.2	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	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	0.22	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	0.18	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	1.0	0.18	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	3.2	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-02
 Client ID: SB-29S(1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	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	5.3	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	2.70	J	ug/kg	1
Unknown Alkane	2.70	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03
 Client ID: SB-30S(7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 15:02
 Analyst: AJK
 Percent Solids: 89%

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	1.0	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	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	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	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	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	0.48	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03
 Client ID: SB-30S(7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	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	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	32		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	7.6	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	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	0.22	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	0.18	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	1.0	0.18	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	3.2	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03
 Client ID: SB-30S(7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	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	5.3	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	591	J	ug/kg	1
Unknown	79.9	J	ug/kg	1
Unknown	35.5	J	ug/kg	1
Unknown	119	J	ug/kg	1
Unknown Cyclohexane	35.9	J	ug/kg	1
Unknown Naphthalene	58.6	J	ug/kg	1
Unknown	69.7	J	ug/kg	1
Unknown	32.6	J	ug/kg	1
Unknown	44.2	J	ug/kg	1
Unknown Alkane	40.3	J	ug/kg	1
Unknown Naphthalene	75.2	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 15:28
 Analyst: AJK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	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	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 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	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	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	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	2.91	J	ug/kg	1
Unknown	2.91	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 15:54
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	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	0.16	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	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 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	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	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: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-06
 Client ID: GW-12
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 15:38
 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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-06

Date Collected: 06/06/23 09:50

Client ID: GW-12

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS****Lab ID:** L2331480-06**Date Collected:** 06/06/23 09:50**Client ID:** GW-12**Date Received:** 06/06/23**Sample Location:** WHITE PLAINS, 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	117		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07
 Client ID: GW-13
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 16:00
 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	7.0		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.88		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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07

Date Collected: 06/06/23 11:20

Client ID: GW-13

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	3.6	J	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: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS****Lab ID:** L2331480-07**Date Collected:** 06/06/23 11:20**Client ID:** GW-13**Date Received:** 06/06/23**Sample Location:** WHITE PLAINS, 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	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-08
 Client ID: SB-32S(3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/09/23 16:20
 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	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	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	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	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	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-08
 Client ID: SB-32S(3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15
 Date Received: 06/06/23
 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	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	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	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	28		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	6.9	J	ug/kg	9.3	2.0	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	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.15	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-08
 Client ID: SB-32S(3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	54.4	J	ug/kg	1
Unknown	5.66	J	ug/kg	1
Unknown Cyclohexane	6.68	J	ug/kg	1
Unknown	5.84	J	ug/kg	1
Unknown	4.24	J	ug/kg	1
Unknown	8.78	J	ug/kg	1
Unknown	4.68	J	ug/kg	1
Unknown	6.22	J	ug/kg	1
2-Methyladamantane	4.72	NJ	ug/kg	1
Unknown	4.14	J	ug/kg	1
Unknown	3.47	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/09/23 08:57
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,08 Batch: WG1789904-5					
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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 06/09/23 08:57

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,08 Batch: WG1789904-5					
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: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 06/09/23 08:57

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,08 Batch: WG1789904-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	6.89	J	ug/kg
Unknown	2.24	J	ug/kg
Unknown	4.65	J	ug/kg

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 06/09/23 08:57

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,08 Batch: WG1789904-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/09/23 08:21
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1790164-5					
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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/09/23 08:21
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1790164-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 06/09/23 08:21

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1790164-5					
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: 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 06/09/23 08:21

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1790164-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1789904-3 WG1789904-4								
Methylene chloride	81		80		70-130	1		30
1,1-Dichloroethane	90		89		70-130	1		30
Chloroform	87		86		70-130	1		30
Carbon tetrachloride	76		76		70-130	0		30
1,2-Dichloropropane	91		90		70-130	1		30
Dibromochloromethane	82		83		70-130	1		30
1,1,2-Trichloroethane	95		94		70-130	1		30
Tetrachloroethene	85		85		70-130	0		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	82		83		70-139	1		30
1,2-Dichloroethane	86		86		70-130	0		30
1,1,1-Trichloroethane	78		79		70-130	1		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	92		92		70-130	0		30
cis-1,3-Dichloropropene	90		90		70-130	0		30
1,1-Dichloropropene	82		82		70-130	0		30
Bromoform	89		90		70-130	1		30
1,1,2,2-Tetrachloroethane	91		90		70-130	1		30
Benzene	90		90		70-130	0		30
Toluene	88		88		70-130	0		30
Ethylbenzene	90		90		70-130	0		30
Chloromethane	88		86		52-130	2		30
Bromomethane	98		97		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1789904-3 WG1789904-4								
Vinyl chloride	75		74		67-130	1		30
Chloroethane	88		88		50-151	0		30
1,1-Dichloroethene	79		78		65-135	1		30
trans-1,2-Dichloroethene	89		88		70-130	1		30
Trichloroethene	83		84		70-130	1		30
1,2-Dichlorobenzene	92		90		70-130	2		30
1,3-Dichlorobenzene	92		90		70-130	2		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	88		89		66-130	1		30
p/m-Xylene	92		92		70-130	0		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	87		88		70-130	1		30
Dibromomethane	87		88		70-130	1		30
Styrene	92		91		70-130	1		30
Dichlorodifluoromethane	71		70		30-146	1		30
Acetone	82		80		54-140	2		30
Carbon disulfide	78		77		59-130	1		30
2-Butanone	88		90		70-130	2		30
Vinyl acetate	92		88		70-130	4		30
4-Methyl-2-pentanone	87		90		70-130	3		30
1,2,3-Trichloropropane	89		89		68-130	0		30
2-Hexanone	90		91		70-130	1		30
Bromochloromethane	91		91		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1789904-3 WG1789904-4								
2,2-Dichloropropane	85		84		70-130	1		30
1,2-Dibromoethane	84		85		70-130	1		30
1,3-Dichloropropane	92		94		69-130	2		30
1,1,1,2-Tetrachloroethane	90		91		70-130	1		30
Bromobenzene	89		88		70-130	1		30
n-Butylbenzene	94		92		70-130	2		30
sec-Butylbenzene	92		91		70-130	1		30
tert-Butylbenzene	90		88		70-130	2		30
o-Chlorotoluene	89		88		70-130	1		30
p-Chlorotoluene	90		89		70-130	1		30
1,2-Dibromo-3-chloropropane	83		84		68-130	1		30
Hexachlorobutadiene	89		90		67-130	1		30
Isopropylbenzene	90		89		70-130	1		30
p-Isopropyltoluene	91		89		70-130	2		30
Naphthalene	85		86		70-130	1		30
Acrylonitrile	93		94		70-130	1		30
n-Propylbenzene	92		92		70-130	0		30
1,2,3-Trichlorobenzene	90		90		70-130	0		30
1,2,4-Trichlorobenzene	94		93		70-130	1		30
1,3,5-Trimethylbenzene	90		88		70-130	2		30
1,2,4-Trimethylbenzene	89		88		70-130	1		30
1,4-Dioxane	87		78		65-136	11		30
p-Diethylbenzene	92		90		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1789904-3 WG1789904-4								
p-Ethyltoluene	91		90		70-130	1		30
1,2,4,5-Tetramethylbenzene	89		88		70-130	1		30
Ethyl ether	90		92		67-130	2		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	97		98		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	94		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1790164-3 WG1790164-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	95		98		63-132	3		20
1,2-Dichloropropane	99		99		70-130	0		20
Dibromochloromethane	88		89		63-130	1		20
1,1,2-Trichloroethane	93		91		70-130	2		20
Tetrachloroethene	98		99		70-130	1		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	98		99		70-130	1		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	95		95		67-130	0		20
trans-1,3-Dichloropropene	89		92		70-130	3		20
cis-1,3-Dichloropropene	91		89		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	81		82		54-136	1		20
1,1,2,2-Tetrachloroethane	89		91		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	97		98		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		99		64-130	1		20
Bromomethane	100		100		39-139	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1790164-3 WG1790164-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	98		100		61-145	2		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	99		97		70-130	2		20
1,2-Dichlorobenzene	97		98		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	98		98		70-130	0		20
Methyl tert butyl ether	89		93		63-130	4		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		95		70-130	1		20
1,2,3-Trichloropropane	85		90		64-130	6		20
Acrylonitrile	83		95		70-130	13		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	98		97		36-147	1		20
Acetone	80		83		58-148	4		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	65		71		63-138	9		20
Vinyl acetate	98		97		70-130	1		20
4-Methyl-2-pentanone	73		76		59-130	4		20
2-Hexanone	74		78		57-130	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1790164-3 WG1790164-4								
Bromochloromethane	99		99		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	86		91		70-130	6		20
1,3-Dichloropropane	91		93		70-130	2		20
1,1,1,2-Tetrachloroethane	94		96		64-130	2		20
Bromobenzene	97		99		70-130	2		20
n-Butylbenzene	96		100		53-136	4		20
sec-Butylbenzene	98		100		70-130	2		20
tert-Butylbenzene	96		98		70-130	2		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	98		100		70-130	2		20
1,2-Dibromo-3-chloropropane	72		80		41-144	11		20
Hexachlorobutadiene	92		99		63-130	7		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	96		100		70-130	4		20
Naphthalene	84		87		70-130	4		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	87		90		70-130	3		20
1,2,4-Trichlorobenzene	91		94		70-130	3		20
1,3,5-Trimethylbenzene	99		100		64-130	1		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	80		82		56-162	2		20
p-Diethylbenzene	93		97		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1790164-3 WG1790164-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	91		96		70-130	5		20
Ethyl ether	92		99		59-134	7		20
trans-1,4-Dichloro-2-butene	80		82		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		98		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-01
 Client ID: SB-28S(2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 06:52
 Analyst: IM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	420		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-01
 Client ID: SB-28S(2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30
 Date Received: 06/06/23
 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	220		ug/kg	110	20.	1
Benzo(a)pyrene	280		ug/kg	140	43.	1
Benzo(b)fluoranthene	260		ug/kg	110	30.	1
Benzo(k)fluoranthene	140		ug/kg	110	28.	1
Chrysene	220		ug/kg	110	18.	1
Acenaphthylene	41	J	ug/kg	140	28.	1
Anthracene	62	J	ug/kg	110	35.	1
Benzo(ghi)perylene	180		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	190		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	150		ug/kg	140	25.	1
Pyrene	400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-01

Date Collected: 06/06/23 09:30

Client ID: SB-28S(2-2.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, 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	24	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	71		18-120

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-02
 Client ID: SB-29S(1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 06:35
 Analyst: IM
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-02
 Client ID: SB-29S(1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 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	120		ug/kg	100	20.	1
Benzo(a)pyrene	130	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	140		ug/kg	100	29.	1
Benzo(k)fluoranthene	54	J	ug/kg	100	28.	1
Chrysene	100		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	84	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	98	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	21	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	75	J	ug/kg	140	24.	1
Pyrene	180		ug/kg	100	17.	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	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	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	38.	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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-02

Date Collected: 06/06/23 10:15

Client ID: SB-29S(1-1.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	69		18-120

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-03
 Client ID: SB-30S(7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 06:18
 Analyst: IM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	65	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03
 Client ID: SB-30S(7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	42	J	ug/kg	110	21.	1
Benzo(a)pyrene	46	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	45	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	37	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	29	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	40	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	26	J	ug/kg	150	26.	1
Pyrene	64	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	41	J	ug/kg	270	29.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03

Date Collected: 06/06/23 10:30

Client ID: SB-30S(7-7.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	57		18-120

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 06:01
 Analyst: IM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	94	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 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	59	J	ug/kg	110	20.	1
Benzo(a)pyrene	72	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	86	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	58	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	54	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	51	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	41	J	ug/kg	140	25.	1
Pyrene	88	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	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: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	63		18-120

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 05:44
 Analyst: IM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	560		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	300		ug/kg	110	21.	1
Benzo(a)pyrene	320		ug/kg	150	46.	1
Benzo(b)fluoranthene	360		ug/kg	110	32.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	30.	1
Chrysene	270		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	100	J	ug/kg	110	36.	1
Benzo(ghi)perylene	220		ug/kg	150	22.	1
Fluorene	34	J	ug/kg	190	18.	1
Phenanthrene	370		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	49	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	150	26.	1
Pyrene	480		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	48	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	69		18-120

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-06
 Client ID: GW-12
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 04:48
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-06

Date Collected: 06/06/23 09:50

Client ID: GW-12

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	9.3	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-06

Date Collected: 06/06/23 09:50

Client ID: GW-12

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	58.7	J	ug/l	1
Unknown	4.98	J	ug/l	1
Unknown	1.53	J	ug/l	1
Unknown	6.29	J	ug/l	1
Unknown	1.82	J	ug/l	1
Unknown	2.62	J	ug/l	1
Unknown Organic Acid	6.00	J	ug/l	1
Unknown	1.78	J	ug/l	1
Unknown	2.25	J	ug/l	1
Unknown	10.1	J	ug/l	1
Unknown	2.47	J	ug/l	1
Unknown	3.74	J	ug/l	1
Unknown	3.64	J	ug/l	1
Unknown Organic Acid	11.5	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	48		41-149

Project Name: 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-06
 Client ID: GW-12
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/11/23 00:25
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.14		ug/l	0.10	0.01	1
Phenanthrene	0.33		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.14		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.23		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-06

Date Collected: 06/06/23 09:50

Client ID: GW-12

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	68		41-149

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-07
 Client ID: GW-13
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 05:11
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07

Date Collected: 06/06/23 11:20

Client ID: GW-13

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	7.8	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07

Date Collected: 06/06/23 11:20

Client ID: GW-13

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	78.1	J	ug/l	1
Unknown	3.42	J	ug/l	1
Unknown	4.18	J	ug/l	1
Unknown	7.93	J	ug/l	1
Unknown	2.14	J	ug/l	1
Unknown Organic Acid	10.4	J	ug/l	1
Unknown Organic Acid	1.78	J	ug/l	1
Unknown	2.54	J	ug/l	1
Unknown	3.45	J	ug/l	1
Unknown	1.67	J	ug/l	1
Unknown	4.73	J	ug/l	1
Unknown	5.96	J	ug/l	1
Unknown Organic Acid	1.53	J	ug/l	1
Unknown Organic Acid	13.6	J	ug/l	1
Unknown	13.2	J	ug/l	1
Unknown	1.56	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	67		41-149

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07
 Client ID: GW-13
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/11/23 00:42
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07

Date Collected: 06/06/23 11:20

Client ID: GW-13

Date Received: 06/06/23

Sample Location: WHITE PLAINS, 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	52		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	128	Q	10-120
4-Terphenyl-d14	91		41-149

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-08
 Client ID: SB-32S(3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/12/23 05:27
 Analyst: IM
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	270		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-08
 Client ID: SB-32S(3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	240		ug/kg	100	19.	1
Benzo(a)pyrene	240		ug/kg	140	42.	1
Benzo(b)fluoranthene	190		ug/kg	100	29.	1
Benzo(k)fluoranthene	93	J	ug/kg	100	28.	1
Chrysene	210		ug/kg	100	18.	1
Acenaphthylene	39	J	ug/kg	140	27.	1
Anthracene	51	J	ug/kg	100	34.	1
Benzo(ghi)perylene	110	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	81	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	95	J	ug/kg	140	24.	1
Pyrene	390		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS****Lab ID:** L2331480-08**Date Collected:** 06/06/23 12:15**Client ID:** SB-32S(3-3.5)**Date Received:** 06/06/23**Sample Location:** WHITE PLAINS, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	54		18-120

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 06/08/23 08:04
 Analyst: IM

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,08 Batch: WG1788357-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 06/08/23 08:04
 Analyst: IM

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,08 Batch: WG1788357-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 06/08/23 08:04
 Analyst: IM

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,08 Batch: WG1788357-1					
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	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	73		18-120

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 06/11/23 17:06
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1789052-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 06/11/23 17:06
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1789052-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 06/11/23 17:06
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1789052-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	46.5	J	ug/l
Unknown Organic Acid	3.53	J	ug/l
Unknown	1.56	J	ug/l
Unknown	1.45	J	ug/l
Unknown	5.09	J	ug/l
Unknown Cycloalkane	13.3	J	ug/l
Unknown	16.0	J	ug/l
Unknown	2.98	J	ug/l
Unknown	2.62	J	ug/l

Project Name: 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270E
Analytical Date: 06/11/23 17:06
Analyst: ALSExtraction Method: EPA 3510C
Extraction Date: 06/09/23 02:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1789052-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	82		41-149

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 06/09/23 17:58
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 06/09/23 02:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG1789053-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.02	J	ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270E-SIM
Analytical Date: 06/09/23 17:58
Analyst: AHExtraction Method: EPA 3510C
Extraction Date: 06/09/23 02:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG1789053-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	118		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1788357-2 WG1788357-3								
Acenaphthene	74		82		31-137	10		50
1,2,4-Trichlorobenzene	74		78		38-107	5		50
Hexachlorobenzene	83		90		40-140	8		50
Bis(2-chloroethyl)ether	69		72		40-140	4		50
2-Chloronaphthalene	75		84		40-140	11		50
1,2-Dichlorobenzene	72		76		40-140	5		50
1,3-Dichlorobenzene	72		75		40-140	4		50
1,4-Dichlorobenzene	70		75		28-104	7		50
3,3'-Dichlorobenzidine	61		72		40-140	17		50
2,4-Dinitrotoluene	80		88		40-132	10		50
2,6-Dinitrotoluene	82		92		40-140	11		50
Fluoranthene	80		87		40-140	8		50
4-Chlorophenyl phenyl ether	75		82		40-140	9		50
4-Bromophenyl phenyl ether	82		88		40-140	7		50
Bis(2-chloroisopropyl)ether	82		88		40-140	7		50
Bis(2-chloroethoxy)methane	72		78		40-117	8		50
Hexachlorobutadiene	72		78		40-140	8		50
Hexachlorocyclopentadiene	53		63		40-140	17		50
Hexachloroethane	71		74		40-140	4		50
Isophorone	74		81		40-140	9		50
Naphthalene	74		82		40-140	10		50
Nitrobenzene	74		81		40-140	9		50
NDPA/DPA	80		87		36-157	8		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1788357-2 WG1788357-3								
n-Nitrosodi-n-propylamine	74		79		32-121	7		50
Bis(2-ethylhexyl)phthalate	80		88		40-140	10		50
Butyl benzyl phthalate	85		90		40-140	6		50
Di-n-butylphthalate	82		87		40-140	6		50
Di-n-octylphthalate	84		91		40-140	8		50
Diethyl phthalate	77		84		40-140	9		50
Dimethyl phthalate	78		88		40-140	12		50
Benzo(a)anthracene	75		85		40-140	13		50
Benzo(a)pyrene	85		91		40-140	7		50
Benzo(b)fluoranthene	80		87		40-140	8		50
Benzo(k)fluoranthene	76		80		40-140	5		50
Chrysene	74		83		40-140	11		50
Acenaphthylene	85		95		40-140	11		50
Anthracene	79		87		40-140	10		50
Benzo(ghi)perylene	74		77		40-140	4		50
Fluorene	78		86		40-140	10		50
Phenanthrene	74		82		40-140	10		50
Dibenzo(a,h)anthracene	72		75		40-140	4		50
Indeno(1,2,3-cd)pyrene	80		83		40-140	4		50
Pyrene	80		86		35-142	7		50
Biphenyl	78		87		37-127	11		50
4-Chloroaniline	65		81		40-140	22		50
2-Nitroaniline	85		98		47-134	14		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1788357-2 WG1788357-3								
3-Nitroaniline	72		85		26-129	17		50
4-Nitroaniline	79		90		41-125	13		50
Dibenzofuran	76		85		40-140	11		50
2-Methylnaphthalene	79		87		40-140	10		50
1,2,4,5-Tetrachlorobenzene	76		83		40-117	9		50
Acetophenone	74		81		14-144	9		50
2,4,6-Trichlorophenol	80		92		30-130	14		50
p-Chloro-m-cresol	82		95		26-103	15		50
2-Chlorophenol	76		82		25-102	8		50
2,4-Dichlorophenol	79		88		30-130	11		50
2,4-Dimethylphenol	81		90		30-130	11		50
2-Nitrophenol	77		84		30-130	9		50
4-Nitrophenol	88		101		11-114	14		50
2,4-Dinitrophenol	54		66		4-130	20		50
4,6-Dinitro-o-cresol	83		92		10-130	10		50
Pentachlorophenol	75		85		17-109	13		50
Phenol	75		85		26-90	13		50
2-Methylphenol	76		86		30-130.	12		50
3-Methylphenol/4-Methylphenol	82		94		30-130	14		50
2,4,5-Trichlorophenol	81		91		30-130	12		50
Benzoic Acid	23		34		10-110	39		50
Benzyl Alcohol	73		82		40-140	12		50
Carbazole	79		87		54-128	10		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1788357-2 WG1788357-3								
1,4-Dioxane	54		58		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		80		25-120
Phenol-d6	74		82		10-120
Nitrobenzene-d5	72		79		23-120
2-Fluorobiphenyl	75		81		30-120
2,4,6-Tribromophenol	83		89		10-136
4-Terphenyl-d14	75		80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1789052-2 WG1789052-3								
Acenaphthene	69		77		37-111	11		30
1,2,4-Trichlorobenzene	72		83		39-98	14		30
Hexachlorobenzene	85		97		40-140	13		30
Bis(2-chloroethyl)ether	57		77		40-140	30		30
2-Chloronaphthalene	79		86		40-140	8		30
1,2-Dichlorobenzene	68		75		40-140	10		30
1,3-Dichlorobenzene	65		72		40-140	10		30
1,4-Dichlorobenzene	69		74		36-97	7		30
3,3'-Dichlorobenzidine	76		83		40-140	9		30
2,4-Dinitrotoluene	73		86		48-143	16		30
2,6-Dinitrotoluene	86		93		40-140	8		30
Fluoranthene	77		85		40-140	10		30
4-Chlorophenyl phenyl ether	74		86		40-140	15		30
4-Bromophenyl phenyl ether	79		90		40-140	13		30
Bis(2-chloroisopropyl)ether	54		60		40-140	11		30
Bis(2-chloroethoxy)methane	61		73		40-140	18		30
Hexachlorobutadiene	77		82		40-140	6		30
Hexachlorocyclopentadiene	73		76		40-140	4		30
Hexachloroethane	66		69		40-140	4		30
Isophorone	64		75		40-140	16		30
Naphthalene	70		76		40-140	8		30
Nitrobenzene	66		77		40-140	15		30
NDPA/DPA	73		84		40-140	14		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1789052-2 WG1789052-3								
n-Nitrosodi-n-propylamine	69		77		29-132	11		30
Bis(2-ethylhexyl)phthalate	90		102		40-140	13		30
Butyl benzyl phthalate	84		94		40-140	11		30
Di-n-butylphthalate	79		89		40-140	12		30
Di-n-octylphthalate	85		96		40-140	12		30
Diethyl phthalate	75		87		40-140	15		30
Dimethyl phthalate	87		93		40-140	7		30
Benzo(a)anthracene	74		84		40-140	13		30
Benzo(a)pyrene	84		94		40-140	11		30
Benzo(b)fluoranthene	76		81		40-140	6		30
Benzo(k)fluoranthene	76		92		40-140	19		30
Chrysene	78		86		40-140	10		30
Acenaphthylene	89		96		45-123	8		30
Anthracene	78		84		40-140	7		30
Benzo(ghi)perylene	75		81		40-140	8		30
Fluorene	74		83		40-140	11		30
Phenanthrene	75		81		40-140	8		30
Dibenzo(a,h)anthracene	74		78		40-140	5		30
Indeno(1,2,3-cd)pyrene	67		75		40-140	11		30
Pyrene	76		86		26-127	12		30
Biphenyl	76		83		40-140	9		30
4-Chloroaniline	0	Q	0	Q	40-140	NC		30
2-Nitroaniline	87		94		52-143	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1789052-2 WG1789052-3								
3-Nitroaniline	56		68		25-145	19		30
4-Nitroaniline	68		79		51-143	15		30
Dibenzofuran	75		84		40-140	11		30
2-Methylnaphthalene	77		84		40-140	9		30
1,2,4,5-Tetrachlorobenzene	72		80		2-134	11		30
Acetophenone	60		70		39-129	15		30
2,4,6-Trichlorophenol	90		85		30-130	6		30
p-Chloro-m-cresol	78		90		23-97	14		30
2-Chlorophenol	66		77		27-123	15		30
2,4-Dichlorophenol	82		90		30-130	9		30
2,4-Dimethylphenol	78		78		30-130	0		30
2-Nitrophenol	74		84		30-130	13		30
4-Nitrophenol	66		70		10-80	6		30
2,4-Dinitrophenol	66		67		20-130	2		30
4,6-Dinitro-o-cresol	88		94		20-164	7		30
Pentachlorophenol	85		86		9-103	1		30
Phenol	38		46		12-110	19		30
2-Methylphenol	64		68		30-130	6		30
3-Methylphenol/4-Methylphenol	66		71		30-130	7		30
2,4,5-Trichlorophenol	92		111		30-130	19		30
Benzoic Acid	0	Q	0	Q	10-164	NC		30
Benzyl Alcohol	31		48		26-116	43	Q	30
Carbazole	79		87		55-144	10		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1789052-2 WG1789052-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		61		21-120
Phenol-d6	41		48		10-120
Nitrobenzene-d5	71		77		23-120
2-Fluorobiphenyl	86		91		15-120
2,4,6-Tribromophenol	109		115		10-120
4-Terphenyl-d14	81		87		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG1789053-2 WG1789053-3								
Acenaphthene	69		78		40-140	12		40
2-Chloronaphthalene	78		87		40-140	11		40
Fluoranthene	80		90		40-140	12		40
Hexachlorobutadiene	86		98		40-140	13		40
Naphthalene	66		76		40-140	14		40
Benzo(a)anthracene	79		88		40-140	11		40
Benzo(a)pyrene	82		93		40-140	13		40
Benzo(b)fluoranthene	83		90		40-140	8		40
Benzo(k)fluoranthene	78		88		40-140	12		40
Chrysene	71		81		40-140	13		40
Acenaphthylene	83		93		40-140	11		40
Anthracene	74		82		40-140	10		40
Benzo(ghi)perylene	73		81		40-140	10		40
Fluorene	75		84		40-140	11		40
Phenanthrene	68		76		40-140	11		40
Dibenzo(a,h)anthracene	76		85		40-140	11		40
Indeno(1,2,3-cd)pyrene	70		79		40-140	12		40
Pyrene	81		91		40-140	12		40
2-Methylnaphthalene	74		85		40-140	14		40
Pentachlorophenol	94		96		40-140	2		40
Hexachlorobenzene	81		92		40-140	13		40
Hexachloroethane	62		70		40-140	12		40

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG1789053-2 WG1789053-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		59		21-120
Phenol-d6	44		50		10-120
Nitrobenzene-d5	77		87		23-120
2-Fluorobiphenyl	82		92		15-120
2,4,6-Tribromophenol	128	Q	140	Q	10-120
4-Terphenyl-d14	90		98		41-149

PCBS

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-01
 Client ID: SB-28S(2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/08/23 09:56
 Analyst: JM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/08/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.72	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.3	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.97	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.82	1	A
Aroclor 1262	ND		ug/kg	53.1	6.75	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-02
 Client ID: SB-29S(1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/08/23 10:05
 Analyst: JM
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/08/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.4	4.47	1	A
Aroclor 1221	ND		ug/kg	50.4	5.05	1	A
Aroclor 1232	ND		ug/kg	50.4	10.7	1	A
Aroclor 1242	ND		ug/kg	50.4	6.79	1	A
Aroclor 1248	ND		ug/kg	50.4	7.56	1	A
Aroclor 1254	ND		ug/kg	50.4	5.51	1	A
Aroclor 1260	ND		ug/kg	50.4	9.31	1	A
Aroclor 1262	ND		ug/kg	50.4	6.40	1	A
Aroclor 1268	ND		ug/kg	50.4	5.22	1	A
PCBs, Total	ND		ug/kg	50.4	4.47	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-03
 Client ID: SB-30S(7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/08/23 10:15
 Analyst: JM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/08/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.60	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	6.99	1	A
Aroclor 1248	ND		ug/kg	51.9	7.78	1	A
Aroclor 1254	ND		ug/kg	51.9	5.67	1	A
Aroclor 1260	ND		ug/kg	51.9	9.58	1	A
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.37	1	A
PCBs, Total	ND		ug/kg	51.9	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/08/23 10:25
 Analyst: JM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/08/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.76	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	ND		ug/kg	51.7	9.56	1	A
Aroclor 1262	ND		ug/kg	51.7	6.57	1	A
Aroclor 1268	ND		ug/kg	51.7	5.36	1	A
PCBs, Total	ND		ug/kg	51.7	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/08/23 10:35
 Analyst: JM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/08/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.6	4.94	1	A
Aroclor 1221	ND		ug/kg	55.6	5.57	1	A
Aroclor 1232	ND		ug/kg	55.6	11.8	1	A
Aroclor 1242	ND		ug/kg	55.6	7.50	1	A
Aroclor 1248	ND		ug/kg	55.6	8.34	1	A
Aroclor 1254	ND		ug/kg	55.6	6.09	1	A
Aroclor 1260	ND		ug/kg	55.6	10.3	1	A
Aroclor 1262	ND		ug/kg	55.6	7.07	1	A
Aroclor 1268	ND		ug/kg	55.6	5.76	1	A
PCBs, Total	ND		ug/kg	55.6	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-06
 Client ID: GW-12
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/11/23 15:45
 Analyst: ER

Extraction Method: EPA 3510C
 Extraction Date: 06/10/23 00:54
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-07
 Client ID: GW-13
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/12/23 10:41
 Analyst: JM

Extraction Method: EPA 3510C
 Extraction Date: 06/10/23 00:54
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-08
 Client ID: SB-32S(3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/08/23 10:44
 Analyst: JM
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/08/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.71	1	A
Aroclor 1221	ND		ug/kg	53.0	5.32	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.15	1	A
Aroclor 1248	ND		ug/kg	53.0	7.96	1	A
Aroclor 1254	12.3	J	ug/kg	53.0	5.80	1	A
Aroclor 1260	ND		ug/kg	53.0	9.80	1	A
Aroclor 1262	ND		ug/kg	53.0	6.74	1	A
Aroclor 1268	ND		ug/kg	53.0	5.50	1	A
PCBs, Total	12.3	J	ug/kg	53.0	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2331480
Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/08/23 09:46
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 06/07/23 12:42
Cleanup Method: EPA 3665A
Cleanup Date: 06/08/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05,08 Batch: WG1788322-1						
Aroclor 1016	ND		ug/kg	48.3	4.29	A
Aroclor 1221	ND		ug/kg	48.3	4.84	A
Aroclor 1232	ND		ug/kg	48.3	10.2	A
Aroclor 1242	ND		ug/kg	48.3	6.51	A
Aroclor 1248	ND		ug/kg	48.3	7.25	A
Aroclor 1254	ND		ug/kg	48.3	5.28	A
Aroclor 1260	ND		ug/kg	48.3	8.93	A
Aroclor 1262	ND		ug/kg	48.3	6.14	A
Aroclor 1268	ND		ug/kg	48.3	5.00	A
PCBs, Total	ND		ug/kg	48.3	4.29	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2331480
Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/11/23 14:12
 Analyst: ER

Extraction Method: EPA 3510C
 Extraction Date: 06/10/23 00:51
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06-07 Batch: WG1789532-1						
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	57		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	62		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1788322-2 WG1788322-3									
Aroclor 1016	72		71		40-140	1		50	A
Aroclor 1260	68		68		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		73		30-150	A
Decachlorobiphenyl	63		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		72		30-150	B
Decachlorobiphenyl	61		65		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1789532-2 WG1789532-3									
Aroclor 1016	66		55		40-140	18		50	A
Aroclor 1260	65		56		40-140	15		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		53		30-150	A
Decachlorobiphenyl	74		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		50		30-150	B
Decachlorobiphenyl	72		66		30-150	B

PESTICIDES

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-01
 Client ID: SB-28S(2-2.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/10/23 18:43
 Analyst: EJL
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.334	1	A
Lindane	ND		ug/kg	0.711	0.318	1	A
Alpha-BHC	ND		ug/kg	0.711	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.647	1	A
Heptachlor	ND		ug/kg	0.854	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.601	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.960	1	A
Endrin	ND		ug/kg	0.711	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.747	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	1.26	J	ug/kg	1.71	0.395	1	A
4,4'-DDD	3.42		ug/kg	1.71	0.609	1	A
4,4'-DDT	1.43	J	ug/kg	1.71	1.37	1	B
Endosulfan I	ND		ug/kg	1.71	0.403	1	A
Endosulfan II	ND		ug/kg	1.71	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.711	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.996	1	A
Toxaphene	ND		ug/kg	32.0	8.96	1	A
cis-Chlordane	0.817	J	ug/kg	2.13	0.595	1	B
trans-Chlordane	1.62	JIP	ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.66	1	A

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-01

Date Collected: 06/06/23 09:30

Client ID: SB-28S(2-2.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, 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	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-02
 Client ID: SB-29S(1-1.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/10/23 18:55
 Analyst: EJL
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	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	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	0.726	J	ug/kg	1.69	0.392	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	3.40		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.988	1	A
Toxaphene	ND		ug/kg	31.7	8.89	1	A
cis-Chlordane	0.638	J	ug/kg	2.12	0.590	1	A
trans-Chlordane	1.27	J	ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-02

Date Collected: 06/06/23 10:15

Client ID: SB-29S(1-1.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, 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	72		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-03
 Client ID: SB-30S(7-7.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/10/23 19:08
 Analyst: EJL
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	0.411	J	ug/kg	1.74	0.402	1	A
4,4'-DDD	0.849	J	ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND	IP	ug/kg	2.18	0.574	1	B
Chlordane	ND		ug/kg	14.5	5.77	1	A

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03

Date Collected: 06/06/23 10:30

Client ID: SB-30S(7-7.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-04
 Client ID: SB-30S(1.5-2)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/10/23 19:21
 Analyst: EJL
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.678	0.303	1	A
Alpha-BHC	ND		ug/kg	0.678	0.192	1	A
Beta-BHC	ND		ug/kg	1.63	0.617	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.915	1	A
Endrin	ND		ug/kg	0.678	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	ND		ug/kg	1.63	0.376	1	A
4,4'-DDD	ND		ug/kg	1.63	0.580	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	B
Endosulfan I	ND		ug/kg	1.63	0.384	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.678	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.949	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	ND		ug/kg	2.03	0.567	1	A
trans-Chlordane	ND		ug/kg	2.03	0.537	1	A
Chlordane	ND		ug/kg	13.6	5.39	1	A

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-04

Date Collected: 06/06/23 10:40

Client ID: SB-30S(1.5-2)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, 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	63		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-05
 Client ID: SB-31S(0.5-1)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/10/23 19:33
 Analyst: EJL
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.673	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.999	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.633	1	A
4,4'-DDT	1.49	J	ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	B
trans-Chlordane	1.13	J	ug/kg	2.22	0.586	1	B
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-05

Date Collected: 06/06/23 10:55

Client ID: SB-31S(0.5-1)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, 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	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-06
 Client ID: GW-12
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:50
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/12/23 09:25
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 06/11/23 00:51

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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-06

Date Collected: 06/06/23 09:50

Client ID: GW-12

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-07
 Client ID: GW-13
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 11:20
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/12/23 09:36
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 06/11/23 00:51

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: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07

Date Collected: 06/06/23 11:20

Client ID: GW-13

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**SAMPLE RESULTS**

Lab ID: L2331480-08
 Client ID: SB-32S(3-3.5)
 Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/10/23 19:46
 Analyst: EJL
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	1.01	J	ug/kg	1.68	0.598	1	A
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	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	B
trans-Chlordane	1.12	J	ug/kg	2.10	0.554	1	B
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-08

Date Collected: 06/06/23 12:15

Client ID: SB-32S(3-3.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/10/23 14:10
 Analyst: MMG

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05,08 Batch: WG1788485-1						
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: 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/10/23 14:10
 Analyst: MMG

Extraction Method: EPA 3546
 Extraction Date: 06/07/23 19:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/10/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05,08 Batch: WG1788485-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/12/23 08:51
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 06/11/23 00:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG1789785-1						
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: 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8081B
Analytical Date: 06/12/23 08:51
Analyst: AKMExtraction Method: EPA 3510C
Extraction Date: 06/11/23 00:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG1789785-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1788485-2 WG1788485-3									
Delta-BHC	94		97		30-150	3		30	A
Lindane	87		90		30-150	3		30	A
Alpha-BHC	88		91		30-150	3		30	A
Beta-BHC	88		90		30-150	2		30	A
Heptachlor	93		95		30-150	2		30	A
Aldrin	93		96		30-150	3		30	A
Heptachlor epoxide	90		93		30-150	3		30	A
Endrin	91		94		30-150	3		30	A
Endrin aldehyde	81		84		30-150	4		30	A
Endrin ketone	96		99		30-150	3		30	A
Dieldrin	99		102		30-150	3		30	A
4,4'-DDE	97		100		30-150	3		30	A
4,4'-DDD	100		103		30-150	3		30	A
4,4'-DDT	94		96		30-150	2		30	A
Endosulfan I	88		91		30-150	3		30	A
Endosulfan II	90		93		30-150	3		30	A
Endosulfan sulfate	90		94		30-150	4		30	A
Methoxychlor	94		96		30-150	2		30	A
cis-Chlordane	97		100		30-150	3		30	A
trans-Chlordane	103		106		30-150	3		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1788485-2 WG1788485-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		78		30-150	A
Decachlorobiphenyl	107		110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		76		30-150	B
Decachlorobiphenyl	95		97		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1789785-2 WG1789785-3									
Delta-BHC	57		71		30-150	22	Q	20	A
Lindane	58		69		30-150	17		20	A
Alpha-BHC	61		72		30-150	16		20	A
Beta-BHC	61		74		30-150	20		20	A
Heptachlor	61		71		30-150	16		20	A
Aldrin	59		69		30-150	16		20	A
Heptachlor epoxide	58		68		30-150	16		20	A
Endrin	59		69		30-150	17		20	A
Endrin aldehyde	54		64		30-150	17		20	A
Endrin ketone	63		74		30-150	15		20	A
Dieldrin	63		74		30-150	17		20	A
4,4'-DDE	58		68		30-150	16		20	A
4,4'-DDD	64		76		30-150	17		20	A
4,4'-DDT	71		82		30-150	14		20	A
Endosulfan I	59		69		30-150	15		20	A
Endosulfan II	61		72		30-150	17		20	A
Endosulfan sulfate	59		68		30-150	15		20	A
Methoxychlor	78		87		30-150	11		20	A
cis-Chlordane	63		74		30-150	16		20	A
trans-Chlordane	73		86		30-150	16		20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1789785-2 WG1789785-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		63		30-150	A
Decachlorobiphenyl	70		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		62		30-150	B
Decachlorobiphenyl	68		76		30-150	B

METALS

Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-01

Date Collected: 06/06/23 09:30

Client ID: SB-28S(2-2.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8550		mg/kg	8.47	2.29	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Antimony, Total	1.33	J	mg/kg	4.24	0.322	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.77		mg/kg	0.847	0.176	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Barium, Total	83.9		mg/kg	0.847	0.147	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.500		mg/kg	0.424	0.028	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.214	J	mg/kg	0.847	0.083	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Calcium, Total	9620		mg/kg	8.47	2.96	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Chromium, Total	21.4		mg/kg	0.847	0.081	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.30		mg/kg	1.69	0.141	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Copper, Total	32.4		mg/kg	0.847	0.218	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Iron, Total	15200		mg/kg	4.24	0.765	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Lead, Total	132		mg/kg	4.24	0.227	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Magnesium, Total	6990		mg/kg	8.47	1.30	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Manganese, Total	184		mg/kg	0.847	0.135	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Mercury, Total	0.659		mg/kg	0.071	0.046	1	06/09/23 12:39	06/13/23 17:25	EPA 7471B	1,7471B	DMB
Nickel, Total	13.4		mg/kg	2.12	0.205	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Potassium, Total	1690		mg/kg	212	12.2	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Silver, Total	0.270	J	mg/kg	0.424	0.240	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Sodium, Total	253		mg/kg	169	2.67	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Thallium, Total	0.494	J	mg/kg	1.69	0.267	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.9		mg/kg	0.847	0.172	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL
Zinc, Total	90.0		mg/kg	4.24	0.248	2	06/09/23 12:00	06/13/23 12:27	EPA 3050B	1,6010D	DHL



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-02

Date Collected: 06/06/23 10:15

Client ID: SB-29S(1-1.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6920		mg/kg	8.32	2.24	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Antimony, Total	0.723	J	mg/kg	4.16	0.316	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.39		mg/kg	0.832	0.173	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Barium, Total	60.1		mg/kg	0.832	0.145	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.459		mg/kg	0.416	0.027	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.151	J	mg/kg	0.832	0.082	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Calcium, Total	5880		mg/kg	8.32	2.91	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Chromium, Total	13.3		mg/kg	0.832	0.080	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.20		mg/kg	1.66	0.138	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Copper, Total	25.7		mg/kg	0.832	0.214	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Iron, Total	13300		mg/kg	4.16	0.751	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Lead, Total	54.4		mg/kg	4.16	0.223	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Magnesium, Total	5420		mg/kg	8.32	1.28	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Manganese, Total	218		mg/kg	0.832	0.132	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Mercury, Total	0.102		mg/kg	0.071	0.046	1	06/09/23 12:39	06/13/23 17:35	EPA 7471B	1,7471B	DMB
Nickel, Total	11.6		mg/kg	2.08	0.201	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Potassium, Total	1530		mg/kg	208	12.0	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.416	0.235	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Sodium, Total	121	J	mg/kg	166	2.62	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Thallium, Total	0.543	J	mg/kg	1.66	0.262	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Vanadium, Total	19.9		mg/kg	0.832	0.169	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL
Zinc, Total	58.6		mg/kg	4.16	0.244	2	06/09/23 12:00	06/13/23 12:32	EPA 3050B	1,6010D	DHL



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03

Date Collected: 06/06/23 10:30

Client ID: SB-30S(7-7.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5490		mg/kg	8.84	2.39	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Antimony, Total	0.968	J	mg/kg	4.42	0.336	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.40		mg/kg	0.884	0.184	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Barium, Total	47.2		mg/kg	0.884	0.154	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.418	J	mg/kg	0.442	0.029	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.088	J	mg/kg	0.884	0.087	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Calcium, Total	3730		mg/kg	8.84	3.10	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Chromium, Total	11.5		mg/kg	0.884	0.085	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.08		mg/kg	1.77	0.147	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Copper, Total	17.0		mg/kg	0.884	0.228	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Iron, Total	9790		mg/kg	4.42	0.799	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Lead, Total	38.0		mg/kg	4.42	0.237	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Magnesium, Total	2910		mg/kg	8.84	1.36	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Manganese, Total	149		mg/kg	0.884	0.141	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Mercury, Total	0.059	J	mg/kg	0.080	0.052	1	06/09/23 12:39	06/13/23 17:39	EPA 7471B	1,7471B	DMB
Nickel, Total	8.96		mg/kg	2.21	0.214	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Potassium, Total	1290		mg/kg	221	12.7	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.77	0.228	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.442	0.250	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Sodium, Total	142	J	mg/kg	177	2.79	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Thallium, Total	0.422	J	mg/kg	1.77	0.279	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Vanadium, Total	16.0		mg/kg	0.884	0.180	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL
Zinc, Total	35.2		mg/kg	4.42	0.259	2	06/09/23 12:00	06/13/23 12:36	EPA 3050B	1,6010D	DHL



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-04

Date Collected: 06/06/23 10:40

Client ID: SB-30S(1.5-2)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6930		mg/kg	8.26	2.23	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Antimony, Total	0.945	J	mg/kg	4.13	0.314	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.64		mg/kg	0.826	0.172	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Barium, Total	59.0		mg/kg	0.826	0.144	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.425		mg/kg	0.413	0.027	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.147	J	mg/kg	0.826	0.081	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Calcium, Total	5630		mg/kg	8.26	2.89	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Chromium, Total	15.1		mg/kg	0.826	0.079	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.27		mg/kg	1.65	0.137	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Copper, Total	24.2		mg/kg	0.826	0.213	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Iron, Total	14100		mg/kg	4.13	0.746	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Lead, Total	51.0		mg/kg	4.13	0.221	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Magnesium, Total	5300		mg/kg	8.26	1.27	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Manganese, Total	181		mg/kg	0.826	0.131	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Mercury, Total	0.144		mg/kg	0.078	0.051	1	06/09/23 12:39	06/13/23 17:42	EPA 7471B	1,7471B	DMB
Nickel, Total	12.8		mg/kg	2.06	0.200	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Potassium, Total	1520		mg/kg	206	11.9	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.65	0.213	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.413	0.234	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Sodium, Total	149	J	mg/kg	165	2.60	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Thallium, Total	0.516	J	mg/kg	1.65	0.260	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.8		mg/kg	0.826	0.168	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL
Zinc, Total	50.3		mg/kg	4.13	0.242	2	06/09/23 12:00	06/13/23 12:41	EPA 3050B	1,6010D	DHL



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-05

Date Collected: 06/06/23 10:55

Client ID: SB-31S(0.5-1)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7140		mg/kg	8.82	2.38	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Antimony, Total	0.787	J	mg/kg	4.41	0.335	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.28		mg/kg	0.882	0.183	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Barium, Total	56.3		mg/kg	0.882	0.153	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.458		mg/kg	0.441	0.029	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.148	J	mg/kg	0.882	0.086	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Calcium, Total	11200		mg/kg	8.82	3.09	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Chromium, Total	14.9		mg/kg	0.882	0.085	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.44		mg/kg	1.76	0.146	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Copper, Total	22.8		mg/kg	0.882	0.228	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Iron, Total	14000		mg/kg	4.41	0.796	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Lead, Total	27.8		mg/kg	4.41	0.236	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Magnesium, Total	7060		mg/kg	8.82	1.36	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Manganese, Total	199		mg/kg	0.882	0.140	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.087	0.057	1	06/09/23 12:39	06/13/23 17:45	EPA 7471B	1,7471B	DMB
Nickel, Total	12.2		mg/kg	2.20	0.213	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Potassium, Total	1790		mg/kg	220	12.7	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.76	0.228	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.441	0.250	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Sodium, Total	249		mg/kg	176	2.78	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Thallium, Total	0.391	J	mg/kg	1.76	0.278	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Vanadium, Total	22.5		mg/kg	0.882	0.179	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL
Zinc, Total	48.2		mg/kg	4.41	0.258	2	06/09/23 12:00	06/13/23 12:45	EPA 3050B	1,6010D	DHL



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-06

Date Collected: 06/06/23 09:50

Client ID: GW-12

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	66.6		mg/l	0.0100	0.00327	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Antimony, Total	0.00047	J	mg/l	0.00400	0.00042	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Arsenic, Total	0.00640		mg/l	0.00050	0.00016	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Barium, Total	1.586		mg/l	0.00050	0.00017	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Beryllium, Total	0.00200		mg/l	0.00050	0.00010	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Cadmium, Total	0.00106		mg/l	0.00020	0.00005	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Calcium, Total	617.		mg/l	1.00	0.394	10	06/09/23 03:48	06/13/23 14:42	EPA 3005A	1,6020B	EGW
Chromium, Total	0.1193		mg/l	0.00100	0.00017	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Cobalt, Total	0.09748		mg/l	0.00050	0.00016	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Copper, Total	0.2168		mg/l	0.00100	0.00038	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Iron, Total	108.		mg/l	0.0500	0.0191	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Lead, Total	0.1252		mg/l	0.00100	0.00034	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Magnesium, Total	166.		mg/l	0.0700	0.0242	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Manganese, Total	2.550		mg/l	0.00100	0.00044	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Mercury, Total	0.00032		mg/l	0.00020	0.00009	1	06/09/23 04:40	06/13/23 10:26	EPA 7470A	1,7470A	DMB
Nickel, Total	0.1464		mg/l	0.00200	0.00055	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Potassium, Total	52.2		mg/l	0.100	0.0309	1	06/09/23 03:48	06/13/23 16:22	EPA 3005A	1,6020B	EGW
Selenium, Total	0.0448		mg/l	0.00500	0.00173	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Silver, Total	0.00081		mg/l	0.00040	0.00016	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Sodium, Total	458.		mg/l	1.00	0.293	10	06/09/23 03:48	06/13/23 14:42	EPA 3005A	1,6020B	EGW
Thallium, Total	0.00159		mg/l	0.00100	0.00014	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Vanadium, Total	0.1064		mg/l	0.00500	0.00157	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW
Zinc, Total	0.3451		mg/l	0.01000	0.00341	1	06/09/23 03:48	06/13/23 14:26	EPA 3005A	1,6020B	EGW



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07

Date Collected: 06/06/23 11:20

Client ID: GW-13

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	64.4		mg/l	0.0100	0.00327	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Arsenic, Total	0.00550		mg/l	0.00050	0.00016	1	06/09/23 03:48	06/14/23 19:06	EPA 3005A	1,6020B	WKP
Barium, Total	1.620		mg/l	0.00050	0.00017	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Beryllium, Total	0.00203		mg/l	0.00050	0.00010	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Cadmium, Total	0.00185		mg/l	0.00020	0.00005	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Calcium, Total	283.		mg/l	1.00	0.394	10	06/09/23 03:48	06/14/23 20:04	EPA 3005A	1,6020B	WKP
Chromium, Total	0.08265		mg/l	0.00100	0.00017	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Cobalt, Total	0.1484		mg/l	0.00050	0.00016	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Copper, Total	0.2458		mg/l	0.00100	0.00038	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Iron, Total	103.		mg/l	0.0500	0.0191	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Lead, Total	0.1190		mg/l	0.00100	0.00034	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Magnesium, Total	148.		mg/l	0.0700	0.0242	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Manganese, Total	6.738		mg/l	0.00100	0.00044	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Mercury, Total	0.00032		mg/l	0.00020	0.00009	1	06/09/23 04:40	06/13/23 10:29	EPA 7470A	1,7470A	DMB
Nickel, Total	0.2960		mg/l	0.00200	0.00055	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Potassium, Total	37.8		mg/l	0.100	0.0309	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Selenium, Total	0.0512		mg/l	0.00500	0.00173	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Silver, Total	0.00051		mg/l	0.00040	0.00016	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Sodium, Total	606.		mg/l	1.00	0.293	10	06/09/23 03:48	06/14/23 20:04	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00179		mg/l	0.00100	0.00014	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Vanadium, Total	0.09737		mg/l	0.00500	0.00157	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW
Zinc, Total	0.3912		mg/l	0.01000	0.00341	1	06/09/23 03:48	06/13/23 11:40	EPA 3005A	1,6020B	EGW



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-08

Date Collected: 06/06/23 12:15

Client ID: SB-32S(3-3.5)

Date Received: 06/06/23

Sample Location: WHITE PLAINS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5460		mg/kg	8.16	2.20	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Antimony, Total	0.653	J	mg/kg	4.08	0.310	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.26		mg/kg	0.816	0.170	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Barium, Total	50.4		mg/kg	0.816	0.142	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.399	J	mg/kg	0.408	0.027	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.080	J	mg/kg	0.816	0.080	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Calcium, Total	3580		mg/kg	8.16	2.86	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Chromium, Total	11.2		mg/kg	0.816	0.078	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.27		mg/kg	1.63	0.136	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Copper, Total	17.2		mg/kg	0.816	0.211	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Iron, Total	10100		mg/kg	4.08	0.737	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Lead, Total	33.6		mg/kg	4.08	0.219	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Magnesium, Total	3330		mg/kg	8.16	1.26	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Manganese, Total	188		mg/kg	0.816	0.130	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Mercury, Total	0.087		mg/kg	0.077	0.051	1	06/09/23 12:39	06/13/23 17:49	EPA 7471B	1,7471B	DMB
Nickel, Total	8.97		mg/kg	2.04	0.198	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Potassium, Total	1320		mg/kg	204	11.8	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.63	0.211	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.408	0.231	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Sodium, Total	102	J	mg/kg	163	2.57	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Thallium, Total	0.498	J	mg/kg	1.63	0.257	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Vanadium, Total	17.5		mg/kg	0.816	0.166	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL
Zinc, Total	37.3		mg/kg	4.08	0.239	2	06/09/23 12:00	06/13/23 12:49	EPA 3050B	1,6010D	DHL



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05,08 Batch: WG1788880-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Calcium, Total	2.78	J	mg/kg	4.00	1.40	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Iron, Total	ND		mg/kg	2.00	0.361	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Sodium, Total	1.97	J	mg/kg	80.0	1.26	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Thallium, Total	0.130	J	mg/kg	0.800	0.126	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/09/23 12:00	06/13/23 11:24	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05,08 Batch: WG1788881-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/09/23 12:39	06/13/23 16:33	1,7471B	DMB



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1788886-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Antimony, Total	ND	mg/l	0.00400	0.00042	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Barium, Total	ND	mg/l	0.00050	0.00017	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Calcium, Total	ND	mg/l	0.100	0.0394	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Chromium, Total	ND	mg/l	0.00100	0.00017	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Copper, Total	ND	mg/l	0.00100	0.00038	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Iron, Total	ND	mg/l	0.0500	0.0191	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Lead, Total	ND	mg/l	0.00100	0.00034	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Manganese, Total	ND	mg/l	0.00100	0.00044	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Nickel, Total	ND	mg/l	0.00200	0.00055	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Potassium, Total	ND	mg/l	0.100	0.0309	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Selenium, Total	ND	mg/l	0.00500	0.00173	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Silver, Total	ND	mg/l	0.00040	0.00016	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Sodium, Total	ND	mg/l	0.100	0.0293	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Thallium, Total	ND	mg/l	0.00100	0.00014	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW
Zinc, Total	ND	mg/l	0.01000	0.00341	1	06/09/23 03:48	06/12/23 11:42	1,6020B	EGW

Prep Information

Digestion Method: EPA 3005A



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1788892-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/09/23 04:40	06/13/23 10:06	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 Batch: WG1788880-2 SRM Lot Number: D119-540								
Aluminum, Total	80		-		48-152	-		
Antimony, Total	123		-		10-190	-		
Arsenic, Total	100		-		83-117	-		
Barium, Total	97		-		82-118	-		
Beryllium, Total	96		-		83-117	-		
Cadmium, Total	93		-		82-117	-		
Calcium, Total	98		-		81-118	-		
Chromium, Total	100		-		82-119	-		
Cobalt, Total	97		-		83-117	-		
Copper, Total	102		-		84-116	-		
Iron, Total	105		-		60-140	-		
Lead, Total	103		-		82-118	-		
Magnesium, Total	98		-		76-124	-		
Manganese, Total	101		-		82-118	-		
Nickel, Total	97		-		82-117	-		
Potassium, Total	92		-		70-130	-		
Selenium, Total	104		-		79-121	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	103		-		74-126	-		
Thallium, Total	99		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 Batch: WG1788880-2 SRM Lot Number: D119-540					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 Batch: WG1788881-2 SRM Lot Number: D119-540					
Mercury, Total	94	-	73-127	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1788886-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	92	-	80-120	-	
Arsenic, Total	117	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	110	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	108	-	80-120	-	
Chromium, Total	112	-	80-120	-	
Cobalt, Total	112	-	80-120	-	
Copper, Total	116	-	80-120	-	
Iron, Total	113	-	80-120	-	
Lead, Total	108	-	80-120	-	
Magnesium, Total	97	-	80-120	-	
Manganese, Total	112	-	80-120	-	
Nickel, Total	113	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	110	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	111	-	80-120	-	
Vanadium, Total	112	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1788886-2					
Zinc, Total	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1788892-2					
Mercury, Total	91	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 QC Batch ID: WG1788880-3 QC Sample: L2331451-04 Client ID: MS Sample												
Aluminum, Total	4960	213	6430	690	Q	-	-		75-125	-		20
Antimony, Total	3.30J	53.2	48.4	91		-	-		75-125	-		20
Arsenic, Total	4.35	12.8	16.5	95		-	-		75-125	-		20
Barium, Total	158	213	403	115		-	-		75-125	-		20
Beryllium, Total	0.575	5.32	6.14	104		-	-		75-125	-		20
Cadmium, Total	0.821J	5.64	6.17	109		-	-		75-125	-		20
Calcium, Total	28100	1060	48600	1920	Q	-	-		75-125	-		20
Chromium, Total	18.0	21.3	43.8	121		-	-		75-125	-		20
Cobalt, Total	5.96	53.2	58.2	98		-	-		75-125	-		20
Copper, Total	70.9	26.6	96.1	95		-	-		75-125	-		20
Iron, Total	19600	106	17600	0	Q	-	-		75-125	-		20
Lead, Total	557	56.4	404	0	Q	-	-		75-125	-		20
Magnesium, Total	5020	1060	5280	24	Q	-	-		75-125	-		20
Manganese, Total	244	53.2	385	265	Q	-	-		75-125	-		20
Nickel, Total	23.9	53.2	73.8	94		-	-		75-125	-		20
Potassium, Total	818	1060	2260	135	Q	-	-		75-125	-		20
Selenium, Total	ND	12.8	12.1	95		-	-		75-125	-		20
Silver, Total	ND	5.32	5.47	103		-	-		75-125	-		20
Sodium, Total	338	1060	1510	110		-	-		75-125	-		20
Thallium, Total	0.344J	12.8	12.4	97		-	-		75-125	-		20
Vanadium, Total	23.8	53.2	79.7	105		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 QC Batch ID: WG1788880-3 QC Sample: L2331451-04 Client ID: MS Sample									
Zinc, Total	1540	53.2	548	0	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 QC Batch ID: WG1788881-3 QC Sample: L2330005-01 Client ID: MS Sample									
Mercury, Total	ND	1.66	1.66	100	-	-	80-120	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07			QC Batch ID: WG1788886-3		QC Sample: L2331306-07		Client ID: MS Sample		
Aluminum, Total	ND	2	2.18	109	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.4803	96	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1409	117	-	-	75-125	-	20
Barium, Total	0.00043J	2	2.160	108	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05554	111	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.05789	109	-	-	75-125	-	20
Calcium, Total	ND	10	10.4	104	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.2258	113	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5670	113	-	-	75-125	-	20
Copper, Total	0.00041J	0.25	0.2907	116	-	-	75-125	-	20
Iron, Total	ND	1	1.15	115	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5985	113	-	-	75-125	-	20
Magnesium, Total	ND	10	10.0	100	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.5659	113	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5764	115	-	-	75-125	-	20
Potassium, Total	ND	10	10.1	101	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.139	116	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05524	110	-	-	75-125	-	20
Sodium, Total	ND	10	10.2	102	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1392	116	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5632	113	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07			QC Batch ID: WG1788886-3		QC Sample: L2331306-07		Client ID: MS Sample		
Zinc, Total	ND	0.5	0.5599	112	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06-07			QC Batch ID: WG1788892-3		WG1788892-4 QC Sample: L2329835-07		Client ID: MS Sample		
Mercury, Total	0.00221	0.005	0.00681	92	0.00684	93	75-125	0	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 QC Batch ID: WG1788880-4 QC Sample: L2331451-04 Client ID: DUP Sample						
Aluminum, Total	4960	4780	mg/kg	4		20
Antimony, Total	3.30J	3.29J	mg/kg	NC		20
Arsenic, Total	4.35	4.40	mg/kg	1		20
Barium, Total	158	185	mg/kg	16		20
Beryllium, Total	0.575	0.448J	mg/kg	NC		20
Cadmium, Total	0.821J	0.806J	mg/kg	NC		20
Calcium, Total	28100	30300	mg/kg	8		20
Chromium, Total	18.0	18.6	mg/kg	3		20
Cobalt, Total	5.96	5.30	mg/kg	12		20
Copper, Total	70.9	68.8	mg/kg	3		20
Iron, Total	19600	17900	mg/kg	9		20
Lead, Total	557	504	mg/kg	10		20
Magnesium, Total	5020	5410	mg/kg	7		20
Manganese, Total	244	235	mg/kg	4		20
Nickel, Total	23.9	19.6	mg/kg	20		20
Potassium, Total	818	777	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	338	365	mg/kg	8		20

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2331480
Report Date: 06/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 QC Batch ID: WG1788880-4 QC Sample: L2331451-04 Client ID: DUP Sample					
Thallium, Total	0.344J	ND	mg/kg	NC	20
Vanadium, Total	23.8	22.3	mg/kg	7	20
Zinc, Total	1540	613	mg/kg	86 Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-05,08 QC Batch ID: WG1788881-4 QC Sample: L2330005-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1788886-4 QC Sample: L2331306-07 Client ID: DUP Sample					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	ND	0.00057J	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	0.00043J	0.00049J	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	0.00041J	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1788886-4 QC Sample: L2331306-07 Client ID: DUP Sample					
Thallium, Total	ND	0.00041J	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-01

Client ID: SB-28S(2-2.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:30

Date Received: 06/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	06/08/23 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/08/23 10:00	06/08/23 14:14	1,9010C/9012B	JER



Project Name: 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23**SAMPLE RESULTS****Lab ID:** L2331480-02**Client ID:** SB-29S(1-1.5)**Sample Location:** WHITE PLAINS, NY**Date Collected:** 06/06/23 10:15**Date Received:** 06/06/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	06/08/23 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/08/23 16:00	06/09/23 12:54	1,9010C/9012B	JER



Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-03

Client ID: SB-30S(7-7.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:30

Date Received: 06/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/08/23 09:55	121,2540G	ROI
Cyanide, Total	0.24	J	mg/kg	1.0	0.22	1	06/08/23 16:00	06/09/23 12:55	1,9010C/9012B	JER



Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-04

Client ID: SB-30S(1.5-2)

Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:40

Date Received: 06/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	06/08/23 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/08/23 16:00	06/09/23 12:56	1,9010C/9012B	JER



Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-05

Client ID: SB-31S(0.5-1)

Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 10:55

Date Received: 06/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	06/08/23 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/08/23 16:00	06/09/23 12:57	1,9010C/9012B	JER



Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-06

Client ID: GW-12

Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 09:50

Date Received: 06/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.001	J	mg/l	0.005	0.001	1	06/08/23 16:00	06/09/23 12:29	1,9010C/9012B	JER



Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-07

Client ID: GW-13

Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 11:20

Date Received: 06/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.004	J	mg/l	0.005	0.001	1	06/08/23 16:00	06/09/23 12:32	1,9010C/9012B	JER



Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

SAMPLE RESULTS

Lab ID: L2331480-08

Client ID: SB-32S(3-3.5)

Sample Location: WHITE PLAINS, NY

Date Collected: 06/06/23 12:15

Date Received: 06/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	06/08/23 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/08/23 16:00	06/09/23 12:58	1,9010C/9012B	JER



Project Name: 100 MAIN ST.

Lab Number: L2331480

Project Number: 12461

Report Date: 06/16/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1788664-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	06/08/23 10:00	06/08/23 13:36	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02-05,08 Batch: WG1788815-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/08/23 16:00	06/09/23 12:35	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG1788885-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/08/23 16:00	06/09/23 12:17	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1788664-2 WG1788664-3								
Cyanide, Total	106		93		80-120	14		35
General Chemistry - Westborough Lab Associated sample(s): 02-05,08 Batch: WG1788815-2 WG1788815-3								
Cyanide, Total	99		104		80-120	4		35
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG1788885-2 WG1788885-3								
Cyanide, Total	104		107		85-115	3		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2331480

Report Date: 06/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1788664-4 WG1788664-5 QC Sample: L2331226-07 Client ID: MS Sample												
Cyanide, Total	ND	10	12	120		12	120		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 02-05,08 QC Batch ID: WG1788815-4 WG1788815-5 QC Sample: L2332000-02 Client ID: MS Sample												
Cyanide, Total	ND	12	12	96		11	94		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1788885-4 WG1788885-5 QC Sample: L2331480-06 Client ID: GW-12												
Cyanide, Total	0.001J	0.2	0.195	98		0.126	63	Q	80-120	43	Q	20

Lab Duplicate Analysis
*Batch Quality Control***Project Name:** 100 MAIN ST.**Project Number:** 12461**Lab Number:** L2331480**Report Date:** 06/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05,08 QC Batch ID: WG1788651-1 QC Sample: L2331480-01 Client ID: SB-28S(2-2.5)						
Solids, Total	92.0	91.5	%	1		20

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331480-01A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-01B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-01C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-01D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2331480-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2331480-01F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2331480-01X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-01Y	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-01Z	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-02A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-02B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-02C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-02D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2331480-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2331480-02F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2331480-02X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-02Y	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)

Project Name: 100 MAIN ST.
Project Number: 12461

Serial_No:06162311:54
Lab Number: L2331480
Report Date: 06/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331480-02Z	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-03A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-03B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-03C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-03D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2331480-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180)
L2331480-03F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent	08-JUN-23 01:30	TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2331480-03X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-03Y	Vial Water preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-03Z	Vial Water preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-04A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-04B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-04C	5 gram Encore Sampler	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-04D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2331480-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180)
L2331480-04F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2331480-04X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-04Y	Vial Water preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-04Z	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-05A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-05B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-05C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-05D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)

Project Name: 100 MAIN ST.
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331480-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)
L2331480-05F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2331480-05X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-05Y	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-05Z	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-06A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2331480-06B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2331480-06C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2331480-06D	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2331480-06E	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2331480-06F	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2331480-06G	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2331480-06H	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2331480-06I	Plastic 250ml NaOH preserved	A	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2331480-06J	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331480-06K	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331480-07A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2331480-07B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2331480-07C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2331480-07D	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2331480-07E	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)

Project Name: 100 MAIN ST.**Lab Number:** L2331480**Project Number:** 12461**Report Date:** 06/16/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2331480-07F	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2331480-07G	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2331480-07H	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2331480-07I	Plastic 250ml NaOH preserved	A	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2331480-07J	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331480-07K	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2331480-08A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-08B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-08C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-08D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2331480-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2331480-08F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2331480-08X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2331480-08Y	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)
L2331480-08Z	Vial Water preserved split	A	NA		2.9	Y	Absent	08-JUN-23 01:30	NYTCL-8260HLW(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Identified Compounds (TICs).

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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