

APPENDIX E

Laboratory Data Reports



ANALYTICAL REPORT

Lab Number:	L2120301
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054-2172
ATTN:	Jessica Friscia
Phone:	(973) 560-4900
Project Name:	130 ST. FELIX STREET
Project Number:	100842301
Report Date:	05/05/21

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Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2120301-01	001_LSB5_0-2	SOIL	BROOKLYN, NY	04/21/21 10:00	04/21/21
L2120301-02	002_LSB5_13-15	SOIL	BROOKLYN, NY	04/21/21 10:01	04/21/21
L2120301-03	003_LSB4_0-2	SOIL	BROOKLYN, NY	04/21/21 10:02	04/21/21
L2120301-04	004_LSB4_8-10	SOIL	BROOKLYN, NY	04/21/21 10:03	04/21/21
L2120301-05	005_LSB3_0-2	SOIL	BROOKLYN, NY	04/21/21 10:04	04/21/21
L2120301-06	006_LSB3_20-22	SOIL	BROOKLYN, NY	04/21/21 10:05	04/21/21
L2120301-07	007_LSB3_13-15	SOIL	BROOKLYN, NY	04/21/21 10:06	04/21/21
L2120301-08	008_LSB4_20-22	SOIL	BROOKLYN, NY	04/21/21 10:07	04/21/21
L2120301-09	009_LSB2_0-2	SOIL	BROOKLYN, NY	04/21/21 10:08	04/21/21
L2120301-10	010_LSB2_8-10	SOIL	BROOKLYN, NY	04/21/21 10:09	04/21/21
L2120301-11	011_LSB6_0-2	SOIL	BROOKLYN, NY	04/21/21 10:10	04/21/21
L2120301-12	012_LSB6_13-15	SOIL	BROOKLYN, NY	04/21/21 10:11	04/21/21
L2120301-13	013_LSB7_0-2	SOIL	BROOKLYN, NY	04/21/21 10:12	04/21/21
L2120301-14	014_LSB7_8-10	SOIL	BROOKLYN, NY	04/21/21 10:13	04/21/21
L2120301-15	015_LSB1_0-2	SOIL	BROOKLYN, NY	04/21/21 10:14	04/21/21
L2120301-16	016_LSB1_8-10	SOIL	BROOKLYN, NY	04/21/21 10:15	04/21/21
L2120301-17	017_DUP01_042121	SOIL	BROOKLYN, NY	04/21/21 00:00	04/21/21
L2120301-18	018_FB01_042121	FIELD BLANK	BROOKLYN, NY	04/21/21 07:00	04/21/21
L2120301-19	019_FB02_042121	FIELD BLANK	BROOKLYN, NY	04/21/21 08:00	04/21/21
L2120301-20	020_TB01_042121	TRIP BLANK (AQUEOUS)	BROOKLYN, NY	04/21/21 00:00	04/21/21

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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.

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Case Narrative (continued)

Report Submission

May 05, 2021: This final report includes the results of all requested analyses.

May 03, 2021: This is a preliminary report.

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

Sample Receipt

L2120301-01 through -20: The analyses performed and the Client IDs were specified by the client.

Volatile Organics

The WG1490645-6/-7 MS/MSD recoveries, performed on L2120301-01, are below the acceptance criteria for vinyl acetate (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Semivolatile Organics

L2120301-01D, -11D, -15D, and -17D: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1493138-4/-5 MS/MSD recoveries, performed on L2120301-01, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%), hexachlorocyclopentadiene (0%/0%), 4-nitroaniline (0%/0%), 4-nitrophenol (0%/0%), 2,4-dinitrophenol (0%/0%), and benzoic acid (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Perfluorinated Alkyl Acids by Isotope Dilution

L2120301-05, -12, -16, and WG1489427-1: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2120301-16 and WG1489427-1: The MeOH fraction of the extraction is reported for

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Case Narrative (continued)

Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

The Extracted Internal Standard recovery for the WG1489427-1 Method Blank, associated with L2120301-01 through -17, is below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (7%); however, all associated samples are non-detect for Perfluorooctanesulfonamide (FOSA) and have an acceptable Extracted Internal Standard recovery for M8FOSA.

WG1489427-2: The Extracted Internal Standard recovery is below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (7%); however, all associated target analytes are within criteria. The WG1489427-3 MS recovery, performed on L2120301-01, is outside the acceptance criteria for perfluorotridecanoic acid (pfrda) (144%).

Pesticides

L2120301-01D, -15D, and -17D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Herbicides

L2120301-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2120301-01 through -17: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1489414-3/-4 MS/MSD recoveries for aluminum (572%/714%), calcium (0%/1420%), iron (1310%/816%) and magnesium (0%/396%), performed on L2120301-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1489414-3/-4 MS/MSD recoveries, performed on L2120301-01, are outside the acceptance criteria for arsenic (176% MS), barium (138% MSD), copper (128%/68%), lead (256% MSD), sodium (127%/132%), and zinc (269% MSD). A post digestion spike was performed and was within acceptance criteria.

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Case Narrative (continued)

The WG1489414-4 MSD recovery, performed on L2120301-01, is outside the acceptance criteria for manganese (200%). A post digestion spike was performed and yielded an unacceptable recovery for manganese (72%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1489414-3/-4 MS/MSD RPDs, performed on L2120301-01, are above the acceptance criteria for arsenic (34%), calcium (48%), copper (22%), lead (37%), magnesium (37%), manganese (26%), and zinc (41%).

The WG1489416-4 MSD recovery, performed on L2120301-01, is outside the acceptance criteria for mercury (123%). A post digestion spike was performed and was within 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:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/05/21

ORGANICS

VOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/25/21 21:40
 Analyst: NLK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 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	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.4	0.29	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.25	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.95	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/25/21 22:05
 Analyst: NLK
 Percent Solids: 78%

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	0.16	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	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	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	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
Client ID: 002_LSB5_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	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	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	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	0.53	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
Client ID: 002_LSB5_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
Date Received: 04/21/21
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	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	109		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/25/21 22:30
 Analyst: NLK
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.7	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.77	0.30	1
Chlorobenzene	ND		ug/kg	0.77	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.26	1
Bromodichloromethane	ND		ug/kg	0.77	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.77	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.77	0.24	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.26	1
Benzene	ND		ug/kg	0.77	0.26	1
Toluene	ND		ug/kg	1.5	0.84	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.90	1
Vinyl chloride	ND		ug/kg	1.5	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.77	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.86	1
o-Xylene	ND		ug/kg	1.5	0.45	1
Xylenes, Total	ND		ug/kg	1.5	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.4	1
Carbon disulfide	ND		ug/kg	15	7.0	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.77	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.26	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.29	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 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	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.27	1
p-Ethyltoluene	ND		ug/kg	3.1	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.29	1
Ethyl ether	ND		ug/kg	3.1	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.7	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/25/21 22:55
 Analyst: NLK
 Percent Solids: 78%

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	0.18	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	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
Client ID: 004_LSB4_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
Date Received: 04/21/21
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	0.20	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	0.18	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	3.1	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	12		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/25/21 23:20
 Analyst: NLK
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
Client ID: 005_LSB3_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/25/21 23:46
 Analyst: NLK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	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	0.22	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	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.93	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
Client ID: 006_LSB3_20-22
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.86	1
Acetone	11		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
Client ID: 006_LSB3_20-22
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
Date Received: 04/21/21
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	91		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 00:11
 Analyst: NLK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.82	0.45	1
Ethylbenzene	ND		ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.76	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1



Project Name: 130 ST. FELIX STREET**Lab Number:** L2120301**Project Number:** 100842301**Report Date:** 05/05/21**SAMPLE RESULTS**

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.82	0.24	1
Xylenes, Total	ND		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.82	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.82	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.20	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	ND		ug/kg	8.2	4.0	1
Carbon disulfide	ND		ug/kg	8.2	3.7	1
2-Butanone	ND		ug/kg	8.2	1.8	1
Vinyl acetate	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.2	0.97	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.82	0.14	1
sec-Butylbenzene	ND		ug/kg	0.82	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.82	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.82	0.09	1
Naphthalene	ND		ug/kg	3.3	0.53	1
Acrylonitrile	ND		ug/kg	3.3	0.94	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
Client ID: 007_LSB3_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
Date Received: 04/21/21
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	0.82	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.27	1
1,4-Dioxane	ND		ug/kg	66	29.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 00:36
 Analyst: NLK
 Percent Solids: 96%

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



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 01:01
 Analyst: NLK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	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	0.14	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
Client ID: 009_LSB2_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles 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	0.60	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	0.14	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	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	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	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 01:26
 Analyst: NLK
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	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	0.27	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	0.32	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	ND		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	0.69	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
Client ID: 010_LSB2_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles 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	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.4	J	ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	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	0.77	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 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	95	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	118		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 01:52
 Analyst: NLK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	0.40	J	ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
Client ID: 011_LSB6_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.1		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	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	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	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	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.25	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	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	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 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	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.44	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.25	1
Ethyl ether	ND		ug/kg	2.7	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 02:17
 Analyst: NLK
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.52	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
Client ID: 012_LSB6_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.88	1
Acetone	ND		ug/kg	9.7	4.6	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.1	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 02:42
 Analyst: NLK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	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	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	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: 130 ST. FELIX STREET**Lab Number:** L2120301**Project Number:** 100842301**Report Date:** 05/05/21**SAMPLE RESULTS**

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 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	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	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	2.0	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	0.29	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	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 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	2.0	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 03:08
 Analyst: NLK
 Percent Solids: 79%

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	0.12	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	0.18	1
Benzene	ND		ug/kg	0.53	0.18	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
Client ID: 014_LSB7_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
Date Received: 04/21/21
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	0.97	1
Acetone	ND		ug/kg	10	5.1	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	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	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	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
Client ID: 014_LSB7_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
Date Received: 04/21/21
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 03:34
 Analyst: NLK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	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	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
Client ID: 015_LSB1_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.41	J	ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	7.5	J	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
Client ID: 015_LSB1_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
Date Received: 04/21/21
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	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

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

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 03:59
 Analyst: NLK
 Percent Solids: 85%

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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/26/21 04:24
 Analyst: NLK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.2	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.33	1
Chloroform	ND		ug/kg	3.4	0.32	1
Carbon tetrachloride	ND		ug/kg	2.3	0.53	1
1,2-Dichloropropane	ND		ug/kg	2.3	0.29	1
Dibromochloromethane	ND		ug/kg	2.3	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.61	1
Tetrachloroethene	ND		ug/kg	1.1	0.45	1
Chlorobenzene	ND		ug/kg	1.1	0.29	1
Trichlorofluoromethane	ND		ug/kg	9.2	1.6	1
1,2-Dichloroethane	ND		ug/kg	2.3	0.59	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.38	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	2.3	0.62	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.36	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.36	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.36	1
Bromoform	ND		ug/kg	9.2	0.56	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.38	1
Benzene	ND		ug/kg	1.1	0.38	1
Toluene	ND		ug/kg	2.3	1.2	1
Ethylbenzene	ND		ug/kg	2.3	0.32	1
Chloromethane	ND		ug/kg	9.2	2.1	1
Bromomethane	ND		ug/kg	4.6	1.3	1
Vinyl chloride	ND		ug/kg	2.3	0.77	1
Chloroethane	ND		ug/kg	4.6	1.0	1
1,1-Dichloroethene	ND		ug/kg	2.3	0.54	1
trans-1,2-Dichloroethene	ND		ug/kg	3.4	0.31	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
Client ID: 017_DUP01_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.1	0.31	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.33	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.34	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.39	1
Methyl tert butyl ether	ND		ug/kg	4.6	0.46	1
p/m-Xylene	ND		ug/kg	4.6	1.3	1
o-Xylene	ND		ug/kg	2.3	0.66	1
Xylenes, Total	ND		ug/kg	2.3	0.66	1
cis-1,2-Dichloroethene	ND		ug/kg	2.3	0.40	1
1,2-Dichloroethene, Total	ND		ug/kg	2.3	0.31	1
Dibromomethane	ND		ug/kg	4.6	0.54	1
Styrene	ND		ug/kg	2.3	0.45	1
Dichlorodifluoromethane	ND		ug/kg	23	2.1	1
Acetone	ND		ug/kg	23	11.	1
Carbon disulfide	ND		ug/kg	23	10.	1
2-Butanone	ND		ug/kg	23	5.1	1
Vinyl acetate	ND		ug/kg	23	4.9	1
4-Methyl-2-pentanone	ND		ug/kg	23	2.9	1
1,2,3-Trichloropropane	ND		ug/kg	4.6	0.29	1
2-Hexanone	ND		ug/kg	23	2.7	1
Bromochloromethane	ND		ug/kg	4.6	0.47	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.46	1
1,2-Dibromoethane	ND		ug/kg	2.3	0.64	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.38	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.30	1
Bromobenzene	ND		ug/kg	4.6	0.33	1
n-Butylbenzene	ND		ug/kg	2.3	0.38	1
sec-Butylbenzene	ND		ug/kg	2.3	0.33	1
tert-Butylbenzene	ND		ug/kg	4.6	0.27	1
o-Chlorotoluene	ND		ug/kg	4.6	0.44	1
p-Chlorotoluene	ND		ug/kg	4.6	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	2.3	1
Hexachlorobutadiene	ND		ug/kg	9.2	0.39	1
Isopropylbenzene	ND		ug/kg	2.3	0.25	1
p-Isopropyltoluene	ND		ug/kg	2.3	0.25	1
Naphthalene	ND		ug/kg	9.2	1.5	1
Acrylonitrile	ND		ug/kg	9.2	2.6	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.3	0.39	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.74	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.62	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.44	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.76	1
1,4-Dioxane	ND		ug/kg	180	80.	1
p-Diethylbenzene	ND		ug/kg	4.6	0.40	1
p-Ethyltoluene	ND		ug/kg	4.6	0.88	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.44	1
Ethyl ether	ND		ug/kg	4.6	0.78	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8260C
 Analytical Date: 04/22/21 13:47
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	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
1,1,1,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 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	1.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	94		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8260C
 Analytical Date: 04/22/21 14:14
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	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
1,1,1,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
Client ID: 019_FB02_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
Date Received: 04/21/21
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	2.0	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	94		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-20
 Client ID: 020_TB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Trip Blank (Aqueous)
 Analytical Method: 1,8260C
 Analytical Date: 04/22/21 14:41
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	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
1,1,1,2,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-20
Client ID: 020_TB01_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
Date Received: 04/21/21
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	1.6	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-20
 Client ID: 020_TB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	92		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/22/21 09:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-20 Batch: WG1489671-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 04/22/21 09:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-20 Batch: WG1489671-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/22/21 09:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-20 Batch: WG1489671-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	93		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/25/21 20:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-17 Batch: WG1490645-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/25/21 20:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-17 Batch: WG1490645-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 04/25/21 20:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-17 Batch: WG1490645-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-20 Batch: WG1489671-3 WG1489671-4								
Methylene chloride	97		110		70-130	13		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	99		110		70-130	11		20
Carbon tetrachloride	84		99		63-132	16		20
1,2-Dichloropropane	100		120		70-130	18		20
Dibromochloromethane	95		100		63-130	5		20
1,1,2-Trichloroethane	110		120		70-130	9		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	88		98		62-150	11		20
1,2-Dichloroethane	95		110		70-130	15		20
1,1,1-Trichloroethane	94		100		67-130	6		20
Bromodichloromethane	96		100		67-130	4		20
trans-1,3-Dichloropropene	100		120		70-130	18		20
cis-1,3-Dichloropropene	99		110		70-130	11		20
1,1-Dichloropropene	100		120		70-130	18		20
Bromoform	94		100		54-136	6		20
1,1,1,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	110		120		70-130	9		20
Toluene	100		120		70-130	18		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	91		98		64-130	7		20
Bromomethane	55		66		39-139	18		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-20 Batch: WG1489671-3 WG1489671-4								
Vinyl chloride	93		99		55-140	6		20
Chloroethane	76		97		55-138	24	Q	20
1,1-Dichloroethene	99		110		61-145	11		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	93		110		70-130	17		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	98		110		63-130	12		20
p/m-Xylene	100		115		70-130	14		20
o-Xylene	100		115		70-130	14		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	97		110		70-130	13		20
1,2,3-Trichloropropane	100		120		64-130	18		20
Acrylonitrile	120		130		70-130	8		20
Styrene	105		115		70-130	9		20
Dichlorodifluoromethane	86		94		36-147	9		20
Acetone	130		110		58-148	17		20
Carbon disulfide	99		110		51-130	11		20
2-Butanone	86		100		63-138	15		20
Vinyl acetate	120		130		70-130	8		20
4-Methyl-2-pentanone	110		130		59-130	17		20
2-Hexanone	96		120		57-130	22	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-20 Batch: WG1489671-3 WG1489671-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	100		120		70-130	18		20
1,3-Dichloropropane	110		120		70-130	9		20
1,1,1,2-Tetrachloroethane	97		110		64-130	13		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	110		120		53-136	9		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	100		120		70-130	18		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	100		120		70-130	18		20
1,2-Dibromo-3-chloropropane	80		97		41-144	19		20
Hexachlorobutadiene	120		120		63-130	0		20
Isopropylbenzene	100		120		70-130	18		20
p-Isopropyltoluene	100		120		70-130	18		20
Naphthalene	92		100		70-130	8		20
n-Propylbenzene	110		120		69-130	9		20
1,2,3-Trichlorobenzene	95		100		70-130	5		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	100		120		64-130	18		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	88		70		56-162	23	Q	20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-20 Batch: WG1489671-3 WG1489671-4								
p-Ethyltoluene	110		120		70-130	9		20
1,2,4,5-Tetramethylbenzene	110		110		70-130	0		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	74		80		70-130	8		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	99		101		70-130
Toluene-d8	109		108		70-130
4-Bromofluorobenzene	110		114		70-130
Dibromofluoromethane	94		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 Batch: WG1490645-3 WG1490645-4								
Methylene chloride	100		98		70-130	2		30
1,1-Dichloroethane	83		82		70-130	1		30
Chloroform	92		91		70-130	1		30
Carbon tetrachloride	80		79		70-130	1		30
1,2-Dichloropropane	93		92		70-130	1		30
Dibromochloromethane	82		84		70-130	2		30
1,1,2-Trichloroethane	88		89		70-130	1		30
Tetrachloroethene	96		98		70-130	2		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	90		88		70-139	2		30
1,2-Dichloroethane	80		79		70-130	1		30
1,1,1-Trichloroethane	90		88		70-130	2		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	94		92		70-130	2		30
1,1-Dichloropropene	92		91		70-130	1		30
Bromoform	75		77		70-130	3		30
1,1,2,2-Tetrachloroethane	89		88		70-130	1		30
Benzene	89		88		70-130	1		30
Toluene	84		83		70-130	1		30
Ethylbenzene	89		89		70-130	0		30
Chloromethane	104		99		52-130	5		30
Bromomethane	90		90		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 Batch: WG1490645-3 WG1490645-4								
Vinyl chloride	89		87		67-130	2		30
Chloroethane	94		91		50-151	3		30
1,1-Dichloroethene	88		86		65-135	2		30
trans-1,2-Dichloroethene	91		89		70-130	2		30
Trichloroethene	86		86		70-130	0		30
1,2-Dichlorobenzene	95		95		70-130	0		30
1,3-Dichlorobenzene	97		97		70-130	0		30
1,4-Dichlorobenzene	94		95		70-130	1		30
Methyl tert butyl ether	88		85		66-130	3		30
p/m-Xylene	86		86		70-130	0		30
o-Xylene	85		86		70-130	1		30
cis-1,2-Dichloroethene	85		83		70-130	2		30
Dibromomethane	82		80		70-130	2		30
Styrene	87		87		70-130	0		30
Dichlorodifluoromethane	122		119		30-146	2		30
Acetone	85		75		54-140	13		30
Carbon disulfide	103		99		59-130	4		30
2-Butanone	80		86		70-130	7		30
Vinyl acetate	85		80		70-130	6		30
4-Methyl-2-pentanone	94		90		70-130	4		30
1,2,3-Trichloropropane	85		85		68-130	0		30
2-Hexanone	83		79		70-130	5		30
Bromochloromethane	87		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 Batch: WG1490645-3 WG1490645-4								
2,2-Dichloropropane	100		97		70-130	3		30
1,2-Dibromoethane	93		94		70-130	1		30
1,3-Dichloropropane	89		90		69-130	1		30
1,1,1,2-Tetrachloroethane	88		91		70-130	3		30
Bromobenzene	95		97		70-130	2		30
n-Butylbenzene	92		93		70-130	1		30
sec-Butylbenzene	101		102		70-130	1		30
tert-Butylbenzene	90		91		70-130	1		30
o-Chlorotoluene	90		91		70-130	1		30
p-Chlorotoluene	89		90		70-130	1		30
1,2-Dibromo-3-chloropropane	83		83		68-130	0		30
Hexachlorobutadiene	100		102		67-130	2		30
Isopropylbenzene	94		95		70-130	1		30
p-Isopropyltoluene	94		95		70-130	1		30
Naphthalene	86		88		70-130	2		30
Acrylonitrile	83		80		70-130	4		30
n-Propylbenzene	91		93		70-130	2		30
1,2,3-Trichlorobenzene	97		100		70-130	3		30
1,2,4-Trichlorobenzene	105		106		70-130	1		30
1,3,5-Trimethylbenzene	91		92		70-130	1		30
1,2,4-Trimethylbenzene	91		92		70-130	1		30
1,4-Dioxane	91		90		65-136	1		30
p-Diethylbenzene	96		98		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 Batch: WG1490645-3 WG1490645-4								
p-Ethyltoluene	94		96		70-130	2		30
1,2,4,5-Tetramethylbenzene	90		91		70-130	1		30
Ethyl ether	88		85		67-130	3		30
trans-1,4-Dichloro-2-butene	94		87		70-130	8		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	82		78		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	87		86		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG1490645-6 WG1490645-7 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
Methylene chloride	ND	127	110	83		100	84		70-130	1		30
1,1-Dichloroethane	ND	127	89	70		88	71		70-130	1		30
Chloroform	ND	127	94	74		94	76		70-130	0		30
Carbon tetrachloride	ND	127	81	63	Q	84	68	Q	70-130	5		30
1,2-Dichloropropane	ND	127	92	73		93	75		70-130	1		30
Dibromochloromethane	ND	127	74	58	Q	76	62	Q	70-130	3		30
1,1,2-Trichloroethane	ND	127	85	67	Q	86	70		70-130	1		30
Tetrachloroethene	ND	127	78	61	Q	86	69	Q	70-130	9		30
Chlorobenzene	ND	127	59	46	Q	65	53	Q	70-130	10		30
Trichlorofluoromethane	ND	127	98	78		98	80		70-139	0		30
1,2-Dichloroethane	ND	127	76	60	Q	75	61	Q	70-130	1		30
1,1,1-Trichloroethane	ND	127	96	76		97	79		70-130	1		30
Bromodichloromethane	ND	127	85	67	Q	87	70		70-130	2		30
trans-1,3-Dichloropropene	ND	127	65	51	Q	68	55	Q	70-130	5		30
cis-1,3-Dichloropropene	ND	127	74	58	Q	77	62	Q	70-130	3		30
1,1-Dichloropropene	ND	127	85	67	Q	89	72		70-130	5		30
Bromoform	ND	127	62	49	Q	63	51	Q	70-130	2		30
1,1,2,2-Tetrachloroethane	ND	127	63	50	Q	66	53	Q	70-130	3		30
Benzene	ND	127	88	69	Q	89	72		70-130	1		30
Toluene	ND	127	73	57	Q	76	62	Q	70-130	5		30
Ethylbenzene	ND	127	63	49	Q	71	58	Q	70-130	12		30
Chloromethane	ND	127	130	98		120	98		52-130	3		30
Bromomethane	ND	127	99	78		100	84		57-147	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG1490645-6 WG1490645-7 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
Vinyl chloride	ND	127	110	84		100	83		67-130	4		30
Chloroethane	ND	127	110	85		110	88		50-151	0		30
1,1-Dichloroethene	ND	127	95	75		94	76		65-135	1		30
trans-1,2-Dichloroethene	ND	127	86	68	Q	87	71		70-130	1		30
Trichloroethene	ND	127	80	63	Q	82	66	Q	70-130	3		30
1,2-Dichlorobenzene	ND	127	35	28	Q	40	32	Q	70-130	11		30
1,3-Dichlorobenzene	ND	127	37	30	Q	43	35	Q	70-130	13		30
1,4-Dichlorobenzene	ND	127	34	26	Q	39	32	Q	70-130	15		30
Methyl tert butyl ether	ND	127	100	79		97	79		66-130	3		30
p/m-Xylene	ND	254	110	45	Q	130	52	Q	70-130	12		30
o-Xylene	ND	254	110	44	Q	130	51	Q	70-130	11		30
cis-1,2-Dichloroethene	ND	127	78	61	Q	79	64	Q	70-130	1		30
Dibromomethane	ND	127	69	55	Q	70	56	Q	70-130	0		30
Styrene	ND	254	93	36	Q	110	43	Q	70-130	12		30
Dichlorodifluoromethane	ND	127	140	113		140	110		30-146	6		30
Acetone	ND	127	96	76		95	77		54-140	2		30
Carbon disulfide	ND	127	99	78		100	82		59-130	2		30
2-Butanone	ND	127	83	66	Q	76	62	Q	70-130	8		30
Vinyl acetate	ND	127	ND	0	Q	ND	0	Q	70-130	NC		30
4-Methyl-2-pentanone	ND	127	100	80		97	79		70-130	4		30
1,2,3-Trichloropropane	ND	127	71	56	Q	69	56	Q	68-130	3		30
2-Hexanone	ND	127	76	60	Q	76	61	Q	70-130	0		30
Bromochloromethane	ND	127	81	64	Q	80	65	Q	70-130	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG1490645-6 WG1490645-7 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
2,2-Dichloropropane	ND	127	110	84		110	86		70-130	1		30
1,2-Dibromoethane	ND	127	76	60	Q	78	63	Q	70-130	2		30
1,3-Dichloropropane	ND	127	81	64	Q	81	66	Q	69-130	0		30
1,1,1,2-Tetrachloroethane	ND	127	78	61	Q	82	66	Q	70-130	5		30
Bromobenzene	ND	127	51	40	Q	56	46	Q	70-130	11		30
n-Butylbenzene	ND	127	37	29	Q	47	38	Q	70-130	25		30
sec-Butylbenzene	ND	127	53	42	Q	65	52	Q	70-130	19		30
tert-Butylbenzene	ND	127	53	41	Q	61	50	Q	70-130	15		30
o-Chlorotoluene	ND	127	50	40	Q	56	46	Q	70-130	11		30
p-Chlorotoluene	ND	127	42	33	Q	49	39	Q	70-130	14		30
1,2-Dibromo-3-chloropropane	ND	127	52	41	Q	53	43	Q	68-130	2		30
Hexachlorobutadiene	ND	127	28	22	Q	38	31	Q	67-130	31	Q	30
Isopropylbenzene	ND	127	63	50	Q	72	58	Q	70-130	12		30
p-Isopropyltoluene	ND	127	45	36	Q	55	45	Q	70-130	20		30
Naphthalene	ND	127	18	14	Q	19	16	Q	70-130	9		30
Acrylonitrile	ND	127	78	62	Q	74	60	Q	70-130	5		30
n-Propylbenzene	ND	127	53	42	Q	62	50	Q	70-130	16		30
1,2,3-Trichlorobenzene	ND	127	18	14	Q	20	16	Q	70-130	10		30
1,2,4-Trichlorobenzene	ND	127	20	16	Q	23	19	Q	70-130	14		30
1,3,5-Trimethylbenzene	ND	127	50	40	Q	58	47	Q	70-130	14		30
1,2,4-Trimethylbenzene	ND	127	46	36	Q	52	42	Q	70-130	14		30
1,4-Dioxane	ND	6350	5100	81		5000	82		65-136	2		30
p-Diethylbenzene	ND	127	40	32	Q	50	40	Q	70-130	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG1490645-6 WG1490645-7 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
p-Ethyltoluene	ND	127	51	40	Q	60	48	Q	70-130	15		30
1,2,4,5-Tetramethylbenzene	ND	127	30	24	Q	35	28	Q	70-130	15		30
Ethyl ether	ND	127	98	77		95	77		67-130	3		30
trans-1,4-Dichloro-2-butene	ND	127	54	42	Q	55	45	Q	70-130	3		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		78		70-130
4-Bromofluorobenzene	103		100		70-130
Dibromofluoromethane	84		84		70-130
Toluene-d8	101		101		70-130

SEMIVOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 14:59
 Analyst: SG
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.497	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.497	0.046	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.249	0.039	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.497	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.249	0.045	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.249	0.060	1
Perfluorooctanoic Acid (PFOA)	0.102	J	ng/g	0.249	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.497	0.178	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.497	0.136	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.249	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.249	0.129	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.249	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.497	0.285	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.497	0.200	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.497	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.497	0.152	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.497	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.497	0.084	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.497	0.070	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.497	0.203	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.497	0.054	1
PFOA/PFOS, Total	0.102	J	ng/g	0.249	0.042	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	59		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	74		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	58		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01 D
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 15:52
 Analyst: IM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	720	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	900	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	120	5
2-Chloronaphthalene	ND		ug/kg	900	90.	5
1,2-Dichlorobenzene	ND		ug/kg	900	160	5
1,3-Dichlorobenzene	ND		ug/kg	900	160	5
1,4-Dichlorobenzene	ND		ug/kg	900	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	240	5
2,4-Dinitrotoluene	ND		ug/kg	900	180	5
2,6-Dinitrotoluene	ND		ug/kg	900	160	5
Fluoranthene	1800		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	90.	5
Hexachlorobutadiene	ND		ug/kg	900	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	720	150	5
Isophorone	ND		ug/kg	810	120	5
Naphthalene	450	J	ug/kg	900	110	5
Nitrobenzene	ND		ug/kg	810	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	900	310	5
Butyl benzyl phthalate	ND		ug/kg	900	230	5
Di-n-butylphthalate	ND		ug/kg	900	170	5
Di-n-octylphthalate	ND		ug/kg	900	310	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01 D
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 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	900	84.	5
Dimethyl phthalate	ND		ug/kg	900	190	5
Benzo(a)anthracene	960		ug/kg	540	100	5
Benzo(a)pyrene	960		ug/kg	720	220	5
Benzo(b)fluoranthene	1400		ug/kg	540	150	5
Benzo(k)fluoranthene	430	J	ug/kg	540	140	5
Chrysene	1100		ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	720	140	5
Anthracene	ND		ug/kg	540	180	5
Benzo(ghi)perylene	670	J	ug/kg	720	110	5
Fluorene	ND		ug/kg	900	88.	5
Phenanthrene	590		ug/kg	540	110	5
Dibenzo(a,h)anthracene	150	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	700	J	ug/kg	720	120	5
Pyrene	1600		ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	900	160	5
2-Nitroaniline	ND		ug/kg	900	170	5
3-Nitroaniline	ND		ug/kg	900	170	5
4-Nitroaniline	ND		ug/kg	900	370	5
Dibenzofuran	170	J	ug/kg	900	85.	5
2-Methylnaphthalene	590	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	94.	5
Acetophenone	ND		ug/kg	900	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	900	130	5
2-Chlorophenol	ND		ug/kg	900	110	5
2,4-Dichlorophenol	ND		ug/kg	810	140	5
2,4-Dimethylphenol	ND		ug/kg	900	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	430	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01 D
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 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	900	170	5
Benzoic Acid	ND		ug/kg	2900	910	5
Benzyl Alcohol	ND		ug/kg	900	280	5
Carbazole	ND		ug/kg	900	88.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	53		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 18:17
 Analyst: IM
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
Client ID: 002_LSB5_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	50.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	89.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	66.	1
Carbazole	ND		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	83		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 15:49
 Analyst: SG
 Percent Solids: 78%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.634	0.029	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.634	0.058	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.317	0.049	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.634	0.067	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.317	0.057	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.317	0.077	1
Perfluorooctanoic Acid (PFOA)	0.750		ng/g	0.317	0.053	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.634	0.228	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.634	0.173	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.317	0.095	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.317	0.165	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.317	0.085	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.634	0.364	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.634	0.256	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.634	0.059	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.634	0.194	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.634	0.124	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.634	0.107	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.634	0.089	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.634	0.259	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.634	0.069	1
PFOA/PFOS, Total	0.750		ng/g	0.317	0.053	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	45		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	64		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	106		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	102		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 18:42
 Analyst: IM
 Percent Solids: 71%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	190	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	27.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	42.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	8200		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	24.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	670		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	95	J	ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	80.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	4500		ug/kg	140	26.	1
Benzo(a)pyrene	3600		ug/kg	190	57.	1
Benzo(b)fluoranthene	5200		ug/kg	140	39.	1
Benzo(k)fluoranthene	1400		ug/kg	140	38.	1
Chrysene	4100		ug/kg	140	24.	1
Acenaphthylene	250		ug/kg	190	36.	1
Anthracene	1900		ug/kg	140	46.	1
Benzo(ghi)perylene	2000		ug/kg	190	28.	1
Fluorene	910		ug/kg	230	23.	1
Phenanthrene	8400		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	500		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	190	33.	1
Pyrene	6900		ug/kg	140	23.	1
Biphenyl	100	J	ug/kg	530	54.	1
4-Chloroaniline	ND		ug/kg	230	43.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	600		ug/kg	230	22.	1
2-Methylnaphthalene	450		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	510	88.	1
4-Nitrophenol	ND		ug/kg	330	96.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	52.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	230	72.	1
Carbazole	1000		ug/kg	230	23.	1
1,4-Dioxane	ND		ug/kg	35	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	55		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 16:05
 Analyst: SG
 Percent Solids: 71%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.655	0.030	1
Perfluoropentanoic Acid (PFPeA)	0.069	JF	ng/g	0.655	0.060	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.328	0.051	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.655	0.069	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.328	0.059	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.328	0.079	1
Perfluorooctanoic Acid (PFOA)	0.158	J	ng/g	0.328	0.055	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.655	0.235	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.655	0.179	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.328	0.098	1
Perfluorooctanesulfonic Acid (PFOS)	0.226	J	ng/g	0.328	0.170	1
Perfluorodecanoic Acid (PFDA)	0.090	J	ng/g	0.328	0.088	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.655	0.376	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.655	0.264	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.655	0.061	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.655	0.200	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.655	0.128	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.655	0.111	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.655	0.092	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.655	0.268	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.655	0.071	1
PFOA/PFOS, Total	0.384	J	ng/g	0.328	0.055	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	55		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	63		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	29		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 19:06
 Analyst: IM
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	40	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	130	35.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	72		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 16:22
 Analyst: SG
 Percent Solids: 78%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.596	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.596	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.298	0.047	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.596	0.063	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.298	0.054	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.298	0.072	1
Perfluorooctanoic Acid (PFOA)	0.165	J	ng/g	0.298	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.596	0.214	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.596	0.163	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.298	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.298	0.155	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.298	0.080	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.596	0.342	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.596	0.240	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.596	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.596	0.182	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.596	0.117	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.596	0.101	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.596	0.084	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.596	0.244	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.596	0.064	1
PFOA/PFOS, Total	0.165	J	ng/g	0.298	0.050	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	50		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	68		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	48		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 19:30
 Analyst: IM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	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	65.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	20	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	76		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 16:38
 Analyst: SG
 Percent Solids: 86%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.544	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.544	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.272	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.544	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.272	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.272	0.066	1
Perfluorooctanoic Acid (PFOA)	0.126	J	ng/g	0.272	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.544	0.195	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.544	0.148	1
Perfluorononanoic Acid (PFNA)	0.097	J	ng/g	0.272	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	0.414		ng/g	0.272	0.141	1
Perfluorodecanoic Acid (PFDA)	0.104	J	ng/g	0.272	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.544	0.312	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.544	0.219	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.544	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.544	0.166	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.544	0.107	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.544	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.544	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.544	0.222	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.544	0.059	1
PFOA/PFOS, Total	0.540	J	ng/g	0.272	0.046	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	72		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	70	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	38		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	81		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	51		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	25	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	75		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	41		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 19:55
 Analyst: IM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	60	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	500	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 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	36	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	37	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	30	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	42	J	ug/kg	110	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	55	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	25		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	20		10-136
4-Terphenyl-d14	74		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 16:55
 Analyst: SG
 Percent Solids: 94%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.477	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.477	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.238	0.037	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.477	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.238	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.238	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.238	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.477	0.171	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.477	0.130	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.238	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.238	0.124	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.238	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.477	0.274	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.477	0.192	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.477	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.477	0.146	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.477	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.477	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.477	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.477	0.195	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.477	0.052	1
PFOA/PFOS, Total	ND		ng/g	0.238	0.040	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	71		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	37		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	51		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	34		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	83		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	47		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	106		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 20:20
 Analyst: IM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	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	ND		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	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 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	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	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	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	79		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 17:12
 Analyst: SG
 Percent Solids: 94%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.488	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.488	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.244	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.488	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.244	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.244	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.244	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.488	0.175	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.488	0.133	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.244	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.244	0.127	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.244	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.488	0.280	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.488	0.197	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.488	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.488	0.149	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.488	0.096	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.488	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.488	0.068	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.488	0.200	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.488	0.053	1
PFOA/PFOS, Total	ND		ng/g	0.244	0.041	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	58		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	79		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	101		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 20:44
 Analyst: IM
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 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	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	39.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 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	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	81		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 17:28
 Analyst: SG
 Percent Solids: 96%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.466	0.021	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.466	0.043	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.233	0.036	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.466	0.049	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.233	0.042	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.233	0.056	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.233	0.039	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.466	0.167	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.466	0.127	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.233	0.070	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.233	0.121	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.233	0.063	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.466	0.268	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.466	0.188	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.466	0.044	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.466	0.143	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.466	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.466	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.466	0.065	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.466	0.191	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.466	0.050	1
PFOA/PFOS, Total	ND		ng/g	0.233	0.039	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	38		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	55		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	105		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	111		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	125		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/21 13:09
 Analyst: IM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	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	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	220		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	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	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
Client ID: 009_LSB2_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	98	J	ug/kg	110	21.	1
Benzo(a)pyrene	98	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	130		ug/kg	110	31.	1
Benzo(k)fluoranthene	43	J	ug/kg	110	30.	1
Chrysene	130		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	80	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	160		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	73	J	ug/kg	150	26.	1
Pyrene	200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	19	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	65		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
Client ID: 009_LSB2_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/02/21 18:01
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.511	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.511	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.256	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.511	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.256	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.256	0.062	1
Perfluorooctanoic Acid (PFOA)	0.111	J	ng/g	0.256	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.511	0.184	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.511	0.140	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.256	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.256	0.133	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.256	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.511	0.294	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.511	0.206	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.511	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.511	0.156	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.511	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.511	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.511	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.511	0.209	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.511	0.055	1
PFOA/PFOS, Total	0.111	J	ng/g	0.256	0.043	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	90		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	49		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	70		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	100		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 21:33
 Analyst: IM
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 18:18
 Analyst: SG
 Percent Solids: 81%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.587	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.587	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.294	0.046	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.587	0.062	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.294	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.294	0.071	1
Perfluorooctanoic Acid (PFOA)	0.568		ng/g	0.294	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.587	0.211	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.587	0.160	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.294	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.294	0.153	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.294	0.079	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.587	0.337	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.587	0.237	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.587	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.587	0.180	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.587	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.587	0.099	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.587	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.587	0.240	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.587	0.063	1
PFOA/PFOS, Total	0.568		ng/g	0.294	0.049	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	82		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	48		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	57		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	90		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	53		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
Client ID: 011_LSB6_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/02/21 18:34
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.530	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.530	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.265	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.530	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.265	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.265	0.064	1
Perfluorooctanoic Acid (PFOA)	0.139	J	ng/g	0.265	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.530	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.530	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.265	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.265	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.265	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.530	0.304	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.530	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.530	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.530	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.530	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.530	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.530	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.530	0.217	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.530	0.057	1
PFOA/PFOS, Total	0.139	J	ng/g	0.265	0.044	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	49		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	65		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	93		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	117		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11 D
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/21 13:33
 Analyst: IM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	540	J	ug/kg	740	96.	5
1,2,4-Trichlorobenzene	ND		ug/kg	920	100	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	920	92.	5
1,2-Dichlorobenzene	ND		ug/kg	920	160	5
1,3-Dichlorobenzene	ND		ug/kg	920	160	5
1,4-Dichlorobenzene	ND		ug/kg	920	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	10000		ug/kg	550	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	99.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	92.	5
Hexachlorobutadiene	ND		ug/kg	920	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	140	J	ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	ND		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	180	5
Di-n-octylphthalate	ND		ug/kg	920	310	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11 D
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 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	920	86.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	4600		ug/kg	550	100	5
Benzo(a)pyrene	4400		ug/kg	740	220	5
Benzo(b)fluoranthene	6000		ug/kg	550	160	5
Benzo(k)fluoranthene	2100		ug/kg	550	150	5
Chrysene	5400		ug/kg	550	96.	5
Acenaphthylene	320	J	ug/kg	740	140	5
Anthracene	1500		ug/kg	550	180	5
Benzo(ghi)perylene	3000		ug/kg	740	110	5
Fluorene	500	J	ug/kg	920	90.	5
Phenanthrene	6600		ug/kg	550	110	5
Dibenzo(a,h)anthracene	600		ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	3000		ug/kg	740	130	5
Pyrene	9300		ug/kg	550	92.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	220	J	ug/kg	920	87.	5
2-Methylnaphthalene	150	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	180	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11 D
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 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	920	180	5
Benzoic Acid	ND		ug/kg	3000	930	5
Benzyl Alcohol	ND		ug/kg	920	280	5
Carbazole	710	J	ug/kg	920	90.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	49		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 22:22
 Analyst: IM
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	50.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	89.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	210	66.	1
Carbazole	ND		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	59		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
Client ID: 012_LSB6_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/02/21 18:51
Analyst: SG
Percent Solids: 77%

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.625	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.625	0.058	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.312	0.049	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.625	0.066	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.312	0.056	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.312	0.076	1
Perfluorooctanoic Acid (PFOA)	0.532		ng/g	0.312	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.625	0.224	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.625	0.171	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.312	0.094	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.312	0.162	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.312	0.084	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.625	0.359	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.625	0.252	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.625	0.059	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.625	0.191	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.625	0.122	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.625	0.106	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.625	0.088	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.625	0.256	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.625	0.068	1
PFOA/PFOS, Total	0.532		ng/g	0.312	0.052	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	78		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	82		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	51		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	74		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	62		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	38		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	42		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 22:46
 Analyst: IM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	260		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 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	120		ug/kg	110	20.	1
Benzo(a)pyrene	91	J	ug/kg	150	44.	1
Benzo(b)fluoranthene	150		ug/kg	110	31.	1
Benzo(k)fluoranthene	41	J	ug/kg	110	29.	1
Chrysene	140		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	58	J	ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	170		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	61	J	ug/kg	150	25.	1
Pyrene	240		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	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	470	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	28.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 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	20	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	63		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
Client ID: 013_LSB7_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/02/21 19:08
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.508	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.508	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.254	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.508	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.254	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.254	0.061	1
Perfluorooctanoic Acid (PFOA)	0.488		ng/g	0.254	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.508	0.182	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.508	0.139	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.254	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.254	0.132	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.254	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.508	0.291	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.508	0.205	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.508	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.508	0.155	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.508	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.508	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.508	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.508	0.208	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.508	0.055	1
PFOA/PFOS, Total	0.488		ng/g	0.254	0.043	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	59		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	75		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	52		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	106		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/01/21 23:11
 Analyst: IM
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	73		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 19:24
 Analyst: SG
 Percent Solids: 79%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.595	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.595	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.297	0.046	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.595	0.063	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.297	0.054	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.297	0.072	1
Perfluorooctanoic Acid (PFOA)	0.907		ng/g	0.297	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.595	0.214	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.595	0.162	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.297	0.089	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.297	0.155	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.297	0.080	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.595	0.341	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.595	0.240	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.595	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.595	0.182	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.595	0.117	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.595	0.100	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.595	0.083	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.595	0.243	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.595	0.064	1
PFOA/PFOS, Total	0.907		ng/g	0.297	0.050	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	45		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	65		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	99		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	90		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 19:41
 Analyst: SG
 Percent Solids: 91%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.532	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.532	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.532	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.064	1
Perfluorooctanoic Acid (PFOA)	0.125	J	ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.532	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.532	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	0.192	J	ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.532	0.305	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.532	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.532	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.532	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.532	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.532	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.532	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.532	0.217	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.532	0.057	1
PFOA/PFOS, Total	0.317	J	ng/g	0.266	0.045	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	57		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	72		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	67		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	109		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15 D
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/21 13:56
 Analyst: IM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	710	92.	5
1,2,4-Trichlorobenzene	ND		ug/kg	890	100	5
Hexachlorobenzene	ND		ug/kg	530	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	800	120	5
2-Chloronaphthalene	ND		ug/kg	890	88.	5
1,2-Dichlorobenzene	ND		ug/kg	890	160	5
1,3-Dichlorobenzene	ND		ug/kg	890	150	5
1,4-Dichlorobenzene	ND		ug/kg	890	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	890	240	5
2,4-Dinitrotoluene	ND		ug/kg	890	180	5
2,6-Dinitrotoluene	ND		ug/kg	890	150	5
Fluoranthene	680		ug/kg	530	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	890	95.	5
4-Bromophenyl phenyl ether	ND		ug/kg	890	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	960	89.	5
Hexachlorobutadiene	ND		ug/kg	890	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	800	5
Hexachloroethane	ND		ug/kg	710	140	5
Isophorone	ND		ug/kg	800	120	5
Naphthalene	ND		ug/kg	890	110	5
Nitrobenzene	ND		ug/kg	800	130	5
NDPA/DPA	ND		ug/kg	710	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	890	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	890	310	5
Butyl benzyl phthalate	ND		ug/kg	890	220	5
Di-n-butylphthalate	ND		ug/kg	890	170	5
Di-n-octylphthalate	ND		ug/kg	890	300	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15 D
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	890	82.	5
Dimethyl phthalate	ND		ug/kg	890	190	5
Benzo(a)anthracene	340	J	ug/kg	530	100	5
Benzo(a)pyrene	260	J	ug/kg	710	220	5
Benzo(b)fluoranthene	400	J	ug/kg	530	150	5
Benzo(k)fluoranthene	140	J	ug/kg	530	140	5
Chrysene	410	J	ug/kg	530	92.	5
Acenaphthylene	ND		ug/kg	710	140	5
Anthracene	ND		ug/kg	530	170	5
Benzo(ghi)perylene	200	J	ug/kg	710	100	5
Fluorene	93	J	ug/kg	890	86.	5
Phenanthrene	670		ug/kg	530	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	200	J	ug/kg	710	120	5
Pyrene	590		ug/kg	530	88.	5
Biphenyl	ND		ug/kg	2000	210	5
4-Chloroaniline	ND		ug/kg	890	160	5
2-Nitroaniline	ND		ug/kg	890	170	5
3-Nitroaniline	ND		ug/kg	890	170	5
4-Nitroaniline	ND		ug/kg	890	370	5
Dibenzofuran	ND		ug/kg	890	84.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	890	93.	5
Acetophenone	ND		ug/kg	890	110	5
2,4,6-Trichlorophenol	ND		ug/kg	530	170	5
p-Chloro-m-cresol	ND		ug/kg	890	130	5
2-Chlorophenol	ND		ug/kg	890	100	5
2,4-Dichlorophenol	ND		ug/kg	800	140	5
2,4-Dimethylphenol	ND		ug/kg	890	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4300	410	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	430	5
Pentachlorophenol	ND		ug/kg	710	200	5
Phenol	ND		ug/kg	890	130	5
2-Methylphenol	ND		ug/kg	890	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15 D
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	890	170	5
Benzoic Acid	ND		ug/kg	2900	900	5
Benzyl Alcohol	ND		ug/kg	890	270	5
Carbazole	ND		ug/kg	890	86.	5
1,4-Dioxane	ND		ug/kg	130	41.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	46		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/02/21 21:01
 Analyst: WR
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 05/02/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	34.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	77		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
Client ID: 016_LSB1_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/02/21 19:57
Analyst: SG
Percent Solids: 85%

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.572	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.572	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.286	0.045	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.572	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.286	0.052	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.286	0.069	1
Perfluorooctanoic Acid (PFOA)	1.12		ng/g	0.286	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.572	0.205	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.572	0.156	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.286	0.086	1
Perfluorooctanesulfonic Acid (PFOS)	0.257	JF	ng/g	0.286	0.149	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.286	0.077	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.572	0.328	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.572	0.230	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.572	0.054	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.572	0.175	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.572	0.097	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.572	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.572	0.234	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.572	0.062	1
PFOA/PFOS, Total	1.38	J	ng/g	0.286	0.048	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	54		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	48		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	97		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/04/21 02:23
 Analyst: HT
 Percent Solids: 85%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.572	0.112	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			126	Q	10-117	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/02/21 20:14
 Analyst: SG
 Percent Solids: 87%

Extraction Method: ALPHA 23528
 Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.532	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.532	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.532	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.064	1
Perfluorooctanoic Acid (PFOA)	0.154	J	ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.532	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.532	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	0.165	J	ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.532	0.305	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.532	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.532	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.532	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.532	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.095	J	ng/g	0.532	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.532	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.532	0.217	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.532	0.057	1
PFOA/PFOS, Total	0.319	J	ng/g	0.266	0.045	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	79		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	54		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	110		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17 D
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/02/21 21:23
 Analyst: WR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/02/21 03:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	760	98.	5
1,2,4-Trichlorobenzene	ND		ug/kg	940	110	5
Hexachlorobenzene	ND		ug/kg	570	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	850	130	5
2-Chloronaphthalene	ND		ug/kg	940	94.	5
1,2-Dichlorobenzene	ND		ug/kg	940	170	5
1,3-Dichlorobenzene	ND		ug/kg	940	160	5
1,4-Dichlorobenzene	ND		ug/kg	940	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	940	250	5
2,4-Dinitrotoluene	ND		ug/kg	940	190	5
2,6-Dinitrotoluene	ND		ug/kg	940	160	5
Fluoranthene	2000		ug/kg	570	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	940	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	940	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	95.	5
Hexachlorobutadiene	ND		ug/kg	940	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	860	5
Hexachloroethane	ND		ug/kg	760	150	5
Isophorone	ND		ug/kg	850	120	5
Naphthalene	340	J	ug/kg	940	120	5
Nitrobenzene	ND		ug/kg	850	140	5
NDPA/DPA	ND		ug/kg	760	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	940	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	940	330	5
Butyl benzyl phthalate	ND		ug/kg	940	240	5
Di-n-butylphthalate	ND		ug/kg	940	180	5
Di-n-octylphthalate	ND		ug/kg	940	320	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17 D
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 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	940	87.	5
Dimethyl phthalate	ND		ug/kg	940	200	5
Benzo(a)anthracene	1100		ug/kg	570	110	5
Benzo(a)pyrene	1100		ug/kg	760	230	5
Benzo(b)fluoranthene	1600		ug/kg	570	160	5
Benzo(k)fluoranthene	480	J	ug/kg	570	150	5
Chrysene	1100		ug/kg	570	98.	5
Acenaphthylene	ND		ug/kg	760	140	5
Anthracene	ND		ug/kg	570	180	5
Benzo(ghi)perylene	820		ug/kg	760	110	5
Fluorene	ND		ug/kg	940	92.	5
Phenanthrene	520	J	ug/kg	570	110	5
Dibenzo(a,h)anthracene	170	J	ug/kg	570	110	5
Indeno(1,2,3-cd)pyrene	820		ug/kg	760	130	5
Pyrene	1700		ug/kg	570	94.	5
Biphenyl	ND		ug/kg	2200	220	5
4-Chloroaniline	ND		ug/kg	940	170	5
2-Nitroaniline	ND		ug/kg	940	180	5
3-Nitroaniline	ND		ug/kg	940	180	5
4-Nitroaniline	ND		ug/kg	940	390	5
Dibenzofuran	120	J	ug/kg	940	89.	5
2-Methylnaphthalene	420	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	940	99.	5
Acetophenone	ND		ug/kg	940	120	5
2,4,6-Trichlorophenol	ND		ug/kg	570	180	5
p-Chloro-m-cresol	ND		ug/kg	940	140	5
2-Chlorophenol	ND		ug/kg	940	110	5
2,4-Dichlorophenol	ND		ug/kg	850	150	5
2,4-Dimethylphenol	ND		ug/kg	940	310	5
2-Nitrophenol	ND		ug/kg	2000	360	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4500	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	450	5
Pentachlorophenol	ND		ug/kg	760	210	5
Phenol	ND		ug/kg	940	140	5
2-Methylphenol	ND		ug/kg	940	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17 D
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 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	940	180	5
Benzoic Acid	ND		ug/kg	3100	960	5
Benzyl Alcohol	ND		ug/kg	940	290	5
Carbazole	ND		ug/kg	940	92.	5
1,4-Dioxane	ND		ug/kg	140	43.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	52		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8270D
 Analytical Date: 04/29/21 00:26
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 04/28/21 08:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	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
Fluoranthene	ND		ug/l	2.0	0.26	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
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 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/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	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
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	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
Pentachlorophenol	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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 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/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	101		15-120
2,4,6-Tribromophenol	116		10-120
4-Terphenyl-d14	110		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8270D-SIM
 Analytical Date: 04/27/21 00:38
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 04/23/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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1,4 Dioxane by 8270D-SIM - Mansfield Lab						
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1,4-Dioxane	ND		ng/l	139	31.4	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
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1,4-Dioxane-d8	38		15-110
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Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 04/26/21 01:05
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 04/23/21 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.81	0.370	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.81	0.359	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.81	0.216	1
Perfluorohexanoic Acid (PFHxA)	0.396	J	ng/l	1.81	0.298	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.81	0.341	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.81	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.81	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.624	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.81	0.283	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.81	0.457	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.81	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.588	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.889	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.526	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.729	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.337	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.297	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.225	1
PFOA/PFOS, Total	ND		ng/l	1.81	0.214	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	131		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	110		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	83		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	101		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8270D
 Analytical Date: 04/29/21 00:48
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 04/28/21 08:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	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
Fluoranthene	ND		ug/l	2.0	0.26	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
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
Client ID: 019_FB02_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
Date Received: 04/21/21
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/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	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
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	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
Pentachlorophenol	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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 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/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	116		15-120
2,4,6-Tribromophenol	149	Q	10-120
4-Terphenyl-d14	118		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8270D-SIM
 Analytical Date: 04/27/21 01:04
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 04/23/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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1,4 Dioxane by 8270D-SIM - Mansfield Lab						
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1,4-Dioxane	ND		ng/l	134	30.3	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
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1,4-Dioxane-d8	42		15-110
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Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
Client ID: 019_FB02_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/26/21 01:21
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/23/21 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.82	0.371	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.82	0.360	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.82	0.216	1
Perfluorohexanoic Acid (PFHxA)	0.426	J	ng/l	1.82	0.298	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.82	0.205	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.82	0.342	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.82	0.215	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.82	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.82	0.626	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.82	0.284	1
Perfluorooctanesulfonic Acid (PFOS)	0.862	J	ng/l	1.82	0.458	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.82	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.82	0.589	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.82	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.891	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.82	0.527	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.82	0.731	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.82	0.338	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.298	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.82	0.226	1
PFOA/PFOS, Total	0.862	J	ng/l	1.82	0.215	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	131		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	121		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	112		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	105		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	52		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/02/21 14:09
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-17 Batch: WG1489427-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/02/21 14:09
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-17 Batch: WG1489427-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	59		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	106		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	7	Q	10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	111		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/04/21 02:08
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 04/22/21 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-17 Batch: WG1489427-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	122	Q	10-117

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/25/21 13:31
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 04/23/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 18-19 Batch: WG1489793-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/25/21 22:36
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/23/21 16:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 18-19 Batch: WG1490056-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.436	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/25/21 22:36
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/23/21 16:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 18-19 Batch: WG1490056-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	136		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	124		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	118		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	116		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	120		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	50		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	105		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/01/21 12:56
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/23/21 16:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 18-19 Batch: WG1490056-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	78		10-112

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/28/21 10:18
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/27/21 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG1491144-1					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/28/21 10:18
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/27/21 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG1491144-1					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/28/21 10:18
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/27/21 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG1491144-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	98		41-149



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/01/21 13:52
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG1493138-1					
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	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/01/21 13:52
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG1493138-1					
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	38.
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	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 05/01/21 13:52
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/01/21 03:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG1493138-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	92		18-120



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/21 15:26
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 05/01/21 21:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1493343-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/21 15:26
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 05/01/21 21:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1493343-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/21 15:26
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 05/01/21 21:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1493343-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	112		30-120
2,4,6-Tribromophenol	137	Q	10-136
4-Terphenyl-d14	127	Q	18-120



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-17 Batch: WG1489427-2								
Perfluorobutanoic Acid (PFBA)	108		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	111		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	107		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	103		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	108		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	114		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	111		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	111		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	128		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	121		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	113		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	99		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	112		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	132		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	118		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-17 Batch: WG1489427-2									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	99				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	63				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	68				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	7	Q			10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	111				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

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Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-17 Batch: WG1489427-2								
Perfluorooctanesulfonamide (FOSA)	98		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	112				10-117

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 18-19 Batch: WG1489793-2 WG1489793-3								
1,4-Dioxane	103		104		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	46		49		15-110



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 Batch: WG1490056-2								
Perfluorobutanoic Acid (PFBA)	114		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	111		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	122		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	113		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	128		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	115		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	112		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	116		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	112		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	114		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	137		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	133		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	110		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	114		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	124		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	121		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	124		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	116		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

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Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 Batch: WG1490056-2									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	106				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	133				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	119				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	110				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	99				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	116				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	114				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 Batch: WG1490056-2								
Perfluorooctanesulfonamide (FOSA)	99		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	77				10-112

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1491144-2 WG1491144-3								
Acenaphthene	70		78		37-111	11		30
1,2,4-Trichlorobenzene	65		72		39-98	10		30
Hexachlorobenzene	88		95		40-140	8		30
Bis(2-chloroethyl)ether	61		71		40-140	15		30
2-Chloronaphthalene	74		82		40-140	10		30
1,2-Dichlorobenzene	61		69		40-140	12		30
1,3-Dichlorobenzene	60		66		40-140	10		30
1,4-Dichlorobenzene	60		67		36-97	11		30
3,3'-Dichlorobenzidine	66		68		40-140	3		30
2,4-Dinitrotoluene	85		98		48-143	14		30
2,6-Dinitrotoluene	83		94		40-140	12		30
Fluoranthene	79		84		40-140	6		30
4-Chlorophenyl phenyl ether	86		94		40-140	9		30
4-Bromophenyl phenyl ether	89		99		40-140	11		30
Bis(2-chloroisopropyl)ether	54		61		40-140	12		30
Bis(2-chloroethoxy)methane	63		68		40-140	8		30
Hexachlorobutadiene	69		77		40-140	11		30
Hexachlorocyclopentadiene	72		78		40-140	8		30
Hexachloroethane	60		69		40-140	14		30
Isophorone	66		71		40-140	7		30
Naphthalene	69		76		40-140	10		30
Nitrobenzene	62		71		40-140	14		30
NDPA/DPA	84		95		40-140	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1491144-2 WG1491144-3								
n-Nitrosodi-n-propylamine	66		71		29-132	7		30
Bis(2-ethylhexyl)phthalate	84		88		40-140	5		30
Butyl benzyl phthalate	85		91		40-140	7		30
Di-n-butylphthalate	77		84		40-140	9		30
Di-n-octylphthalate	89		94		40-140	5		30
Diethyl phthalate	94		106		40-140	12		30
Dimethyl phthalate	93		101		40-140	8		30
Benzo(a)anthracene	80		85		40-140	6		30
Benzo(a)pyrene	99		100		40-140	1		30
Benzo(b)fluoranthene	89		89		40-140	0		30
Benzo(k)fluoranthene	90		97		40-140	7		30
Chrysene	86		88		40-140	2		30
Acenaphthylene	76		86		45-123	12		30
Anthracene	79		87		40-140	10		30
Benzo(ghi)perylene	85		93		40-140	9		30
Fluorene	82		91		40-140	10		30
Phenanthrene	77		83		40-140	8		30
Dibenzo(a,h)anthracene	90		98		40-140	9		30
Indeno(1,2,3-cd)pyrene	83		94		40-140	12		30
Pyrene	80		84		26-127	5		30
Biphenyl	77		82		40-140	6		30
4-Chloroaniline	68		72		40-140	6		30
2-Nitroaniline	84		95		52-143	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1491144-2 WG1491144-3								
3-Nitroaniline	78		83		25-145	6		30
4-Nitroaniline	82		91		51-143	10		30
Dibenzofuran	76		84		40-140	10		30
2-Methylnaphthalene	69		78		40-140	12		30
1,2,4,5-Tetrachlorobenzene	79		85		2-134	7		30
Acetophenone	68		74		39-129	8		30
2,4,6-Trichlorophenol	86		96		30-130	11		30
p-Chloro-m-cresol	80		87		23-97	8		30
2-Chlorophenol	70		77		27-123	10		30
2,4-Dichlorophenol	73		79		30-130	8		30
2,4-Dimethylphenol	63		70		30-130	11		30
2-Nitrophenol	74		83		30-130	11		30
4-Nitrophenol	76		86	Q	10-80	12		30
2,4-Dinitrophenol	91		106		20-130	15		30
4,6-Dinitro-o-cresol	97		108		20-164	11		30
Pentachlorophenol	80		88		9-103	10		30
Phenol	50		57		12-110	13		30
2-Methylphenol	64		71		30-130	10		30
3-Methylphenol/4-Methylphenol	71		76		30-130	7		30
2,4,5-Trichlorophenol	89		99		30-130	11		30
Benzoic Acid	41		48		10-164	16		30
Benzyl Alcohol	61		67		26-116	9		30
Carbazole	78		88		55-144	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1491144-2 WG1491144-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		79		21-120
Phenol-d6	57		65		10-120
Nitrobenzene-d5	78		87		23-120
2-Fluorobiphenyl	89		95		15-120
2,4,6-Tribromophenol	100		123	Q	10-120
4-Terphenyl-d14	90		97		41-149

Lab Control Sample Analysis

Batch Quality Control

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Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1493138-2 WG1493138-3								
Acenaphthene	83		77		31-137	8		50
1,2,4-Trichlorobenzene	81		72		38-107	12		50
Hexachlorobenzene	88		83		40-140	6		50
Bis(2-chloroethyl)ether	76		69		40-140	10		50
2-Chloronaphthalene	82		74		40-140	10		50
1,2-Dichlorobenzene	77		70		40-140	10		50
1,3-Dichlorobenzene	75		69		40-140	8		50
1,4-Dichlorobenzene	75		69		28-104	8		50
3,3'-Dichlorobenzidine	68		67		40-140	1		50
2,4-Dinitrotoluene	89		84		40-132	6		50
2,6-Dinitrotoluene	99		89		40-140	11		50
Fluoranthene	88		81		40-140	8		50
4-Chlorophenyl phenyl ether	85		81		40-140	5		50
4-Bromophenyl phenyl ether	85		81		40-140	5		50
Bis(2-chloroisopropyl)ether	67		61		40-140	9		50
Bis(2-chloroethoxy)methane	77		70		40-117	10		50
Hexachlorobutadiene	79		72		40-140	9		50
Hexachlorocyclopentadiene	95		86		40-140	10		50
Hexachloroethane	78		69		40-140	12		50
Isophorone	73		66		40-140	10		50
Naphthalene	79		71		40-140	11		50
Nitrobenzene	82		72		40-140	13		50
NDPA/DPA	85		80		36-157	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1493138-2 WG1493138-3								
n-Nitrosodi-n-propylamine	77		68		32-121	12		50
Bis(2-ethylhexyl)phthalate	91		85		40-140	7		50
Butyl benzyl phthalate	98		91		40-140	7		50
Di-n-butylphthalate	90		84		40-140	7		50
Di-n-octylphthalate	93		88		40-140	6		50
Diethyl phthalate	85		80		40-140	6		50
Dimethyl phthalate	86		78		40-140	10		50
Benzo(a)anthracene	80		76		40-140	5		50
Benzo(a)pyrene	86		82		40-140	5		50
Benzo(b)fluoranthene	86		81		40-140	6		50
Benzo(k)fluoranthene	86		81		40-140	6		50
Chrysene	82		78		40-140	5		50
Acenaphthylene	81		73		40-140	10		50
Anthracene	86		80		40-140	7		50
Benzo(ghi)perylene	88		83		40-140	6		50
Fluorene	84		79		40-140	6		50
Phenanthrene	85		79		40-140	7		50
Dibenzo(a,h)anthracene	89		83		40-140	7		50
Indeno(1,2,3-cd)pyrene	87		82		40-140	6		50
Pyrene	87		81		35-142	7		50
Biphenyl	82		76		37-127	8		50
4-Chloroaniline	72		68		40-140	6		50
2-Nitroaniline	100		90		47-134	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1493138-2 WG1493138-3								
3-Nitroaniline	77		76		26-129	1		50
4-Nitroaniline	88		83		41-125	6		50
Dibenzofuran	82		78		40-140	5		50
2-Methylnaphthalene	80		72		40-140	11		50
1,2,4,5-Tetrachlorobenzene	82		75		40-117	9		50
Acetophenone	79		69		14-144	14		50
2,4,6-Trichlorophenol	92		84		30-130	9		50
p-Chloro-m-cresol	88		82		26-103	7		50
2-Chlorophenol	86		73		25-102	16		50
2,4-Dichlorophenol	90		81		30-130	11		50
2,4-Dimethylphenol	88		78		30-130	12		50
2-Nitrophenol	112		100		30-130	11		50
4-Nitrophenol	95		87		11-114	9		50
2,4-Dinitrophenol	106		101		4-130	5		50
4,6-Dinitro-o-cresol	113		107		10-130	5		50
Pentachlorophenol	91		87		17-109	4		50
Phenol	83		72		26-90	14		50
2-Methylphenol	86		78		30-130.	10		50
3-Methylphenol/4-Methylphenol	86		76		30-130	12		50
2,4,5-Trichlorophenol	95		87		30-130	9		50
Benzoic Acid	58		47		10-110	21		50
Benzyl Alcohol	83		75		40-140	10		50
Carbazole	85		78		54-128	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1493138-2 WG1493138-3								
1,4-Dioxane	57		54		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		76		25-120
Phenol-d6	84		75		10-120
Nitrobenzene-d5	86		76		23-120
2-Fluorobiphenyl	86		77		30-120
2,4,6-Tribromophenol	101		96		10-136
4-Terphenyl-d14	90		85		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1493343-2 WG1493343-3								
Acenaphthene	95		110		31-137	15		50
1,2,4-Trichlorobenzene	87		112	Q	38-107	25		50
Hexachlorobenzene	110		122		40-140	10		50
Bis(2-chloroethyl)ether	76		99		40-140	26		50
2-Chloronaphthalene	96		116		40-140	19		50
1,2-Dichlorobenzene	75		98		40-140	27		50
1,3-Dichlorobenzene	74		94		40-140	24		50
1,4-Dichlorobenzene	75		97		28-104	26		50
3,3'-Dichlorobenzidine	93		90		40-140	3		50
2,4-Dinitrotoluene	121		131		40-132	8		50
2,6-Dinitrotoluene	109		124		40-140	13		50
Fluoranthene	103		114		40-140	10		50
4-Chlorophenyl phenyl ether	103		116		40-140	12		50
4-Bromophenyl phenyl ether	108		123		40-140	13		50
Bis(2-chloroisopropyl)ether	101		129		40-140	24		50
Bis(2-chloroethoxy)methane	90		112		40-117	22		50
Hexachlorobutadiene	84		110		40-140	27		50
Hexachlorocyclopentadiene	78		102		40-140	27		50
Hexachloroethane	79		102		40-140	25		50
Isophorone	99		120		40-140	19		50
Naphthalene	83		103		40-140	22		50
Nitrobenzene	90		118		40-140	27		50
NDPA/DPA	107		119		36-157	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1493343-2 WG1493343-3								
n-Nitrosodi-n-propylamine	96		119		32-121	21		50
Bis(2-ethylhexyl)phthalate	132		149	Q	40-140	12		50
Butyl benzyl phthalate	121		134		40-140	10		50
Di-n-butylphthalate	121		137		40-140	12		50
Di-n-octylphthalate	118		130		40-140	10		50
Diethyl phthalate	111		125		40-140	12		50
Dimethyl phthalate	112		128		40-140	13		50
Benzo(a)anthracene	106		116		40-140	9		50
Benzo(a)pyrene	108		116		40-140	7		50
Benzo(b)fluoranthene	107		115		40-140	7		50
Benzo(k)fluoranthene	107		114		40-140	6		50
Chrysene	105		114		40-140	8		50
Acenaphthylene	98		116		40-140	17		50
Anthracene	104		114		40-140	9		50
Benzo(ghi)perylene	104		114		40-140	9		50
Fluorene	98		113		40-140	14		50
Phenanthrene	100		112		40-140	11		50
Dibenzo(a,h)anthracene	106		116		40-140	9		50
Indeno(1,2,3-cd)pyrene	105		116		40-140	10		50
Pyrene	102		112		35-142	9		50
Biphenyl	90		107		37-127	17		50
4-Chloroaniline	99		112		40-140	12		50
2-Nitroaniline	120		140	Q	47-134	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1493343-2 WG1493343-3								
3-Nitroaniline	93		88		26-129	6		50
4-Nitroaniline	110		117		41-125	6		50
Dibenzofuran	98		113		40-140	14		50
2-Methylnaphthalene	90		111		40-140	21		50
1,2,4,5-Tetrachlorobenzene	86		109		40-117	24		50
Acetophenone	87		109		14-144	22		50
2,4,6-Trichlorophenol	106		127		30-130	18		50
p-Chloro-m-cresol	108	Q	125	Q	26-103	15		50
2-Chlorophenol	83		107	Q	25-102	25		50
2,4-Dichlorophenol	100		124		30-130	21		50
2,4-Dimethylphenol	100		119		30-130	17		50
2-Nitrophenol	100		126		30-130	23		50
4-Nitrophenol	122	Q	139	Q	11-114	13		50
2,4-Dinitrophenol	100		115		4-130	14		50
4,6-Dinitro-o-cresol	105		119		10-130	13		50
Pentachlorophenol	115	Q	126	Q	17-109	9		50
Phenol	82		101	Q	26-90	21		50
2-Methylphenol	91		115		30-130.	23		50
3-Methylphenol/4-Methylphenol	96		116		30-130	19		50
2,4,5-Trichlorophenol	114		130		30-130	13		50
Benzoic Acid	98		113	Q	10-110	14		50
Benzyl Alcohol	97		121		40-140	22		50
Carbazole	103		112		54-128	8		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1493343-2 WG1493343-3								
1,4-Dioxane	56		65		40-140	15		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		94		25-120
Phenol-d6	79		100		10-120
Nitrobenzene-d5	85		105		23-120
2-Fluorobiphenyl	88		108		30-120
2,4,6-Tribromophenol	111		124		10-136
4-Terphenyl-d14	98		109		18-120



Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1489427-3 WG1489427-4 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
Perfluorobutanoic Acid (PFBA)	ND	5.2	5.70	110		5.32	108		71-135	7		30
Perfluoropentanoic Acid (PFPeA)	ND	5.2	5.78	111		5.45	111		69-132	6		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.62	5.02	109		4.64	106		72-128	8		30
Perfluorohexanoic Acid (PFHxA)	ND	5.2	5.73	110		5.41	110		70-132	6		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.2	5.73	110		5.32	108		71-131	7		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.75	5.20	109		4.72	105		67-130	10		30
Perfluorooctanoic Acid (PFOA)	0.102J	5.2	6.03	114		5.44	109		69-133	10		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	4.95	6.00	121		5.71	122		64-140	5		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.95	5.52	112		5.15	110		70-132	7		30
Perfluorononanoic Acid (PFNA)	ND	5.2	5.91	114		5.62	115		72-129	5		30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.82	5.96	124		5.48	120		68-136	8		30
Perfluorodecanoic Acid (PFDA)	ND	5.2	6.03	116		5.47	111		69-133	10		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	4.99	6.35	127		5.16	110		65-137	21		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.2	5.79	111		6.17	126		63-144	6		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.2	6.48	125		5.90	120		64-136	9		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.01	5.99	120		5.21	110		59-134	14		30
Perfluorooctanesulfonamide (FOSA)	ND	5.2	5.39F	104		5.10F	104		67-137	6		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.2	6.18	119		5.57	114		61-139	10		30
Perfluorododecanoic Acid (PFDoA)	ND	5.2	6.39	123		5.86	119		69-135	9		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.2	7.46	144	Q	6.50	132		66-139	14		30
Perfluorotetradecanoic Acid (PFTTA)	ND	5.2	5.83	112		5.82	119		69-133	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1489427-3 WG1489427-4 QC Sample: L2120301-01
Client ID: 001_LSB5_0-2

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		82		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		60		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	79		79		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		58		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		100		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		96		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		82		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		87		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		101		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		99		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	113		109		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		96		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		99		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	21		23		10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		100		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		93		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		91		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		97		74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490056-3 QC Sample: L2120187-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	7.50	38.2	47.5	105		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	8.65	38.2	47.3	101		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	2.24	34	39.7	110		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.8	42.8	120		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	26.8	38.2	59.0	84		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	0.981J	35.9	38.5	104		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	7.10	38.2	48.5	108		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	7.04	35	47.1	115		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	47.3	38.2	77.6	79		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108	36.4	111	8	Q	-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	0.650JF	36.4	40.8	110		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	3.93	38.2	44.5	106		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	35.9	35.5	63.0	76		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	3.37	38.2	42.5	102		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	45.5	36.7	75.9	83		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	36.8	40.4	110		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.14J	38.2	38.8	98		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	0.554J	38.2	41.4	107		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	9.23	36.9	44.2	95		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	38.2	39.5	103		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	293	38.2	247	0	Q	-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	1.01JF	38.2	43.1	110		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490056-3 QC Sample: L2120187-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38.2	46.0	120		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	0.268JF	38.2	42.7	111		-	-		59-182	-		30

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	68				12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	125				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	79				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	101				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	3	Q			10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90				70-131

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1493138-4 WG1493138-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
Acenaphthene	ND	1420	800	56		990	69		31-137	21		50
1,2,4-Trichlorobenzene	ND	1420	800J	56		950	67		38-107	17		50
Hexachlorobenzene	ND	1420	780	55		950	67		40-140	20		50
Bis(2-chloroethyl)ether	ND	1420	750J	53		830	58		40-140	10		50
2-Chloronaphthalene	ND	1420	730J	51		880J	62		40-140	19		50
1,2-Dichlorobenzene	ND	1420	740J	52		870J	61		40-140	16		50
1,3-Dichlorobenzene	ND	1420	730J	51		830J	58		40-140	13		50
1,4-Dichlorobenzene	ND	1420	730J	51		840J	59		28-104	14		50
3,3'-Dichlorobenzidine	ND	1420	ND	0	Q	ND	0	Q	40-140	NC		50
2,4-Dinitrotoluene	ND	1420	660J	46		720J	50		40-132	9		50
2,6-Dinitrotoluene	ND	1420	620J	44		750J	53		40-140	19		50
Fluoranthene	1800	1420	2100	21	Q	2500	49		40-140	17		50
4-Chlorophenyl phenyl ether	ND	1420	760J	53		910	64		40-140	18		50
4-Bromophenyl phenyl ether	ND	1420	740J	52		920	64		40-140	22		50
Bis(2-chloroisopropyl)ether	ND	1420	640J	45		710J	50		40-140	10		50
Bis(2-chloroethoxy)methane	ND	1420	520J	37	Q	650J	46		40-117	22		50
Hexachlorobutadiene	ND	1420	800J	56		850J	60		40-140	6		50
Hexachlorocyclopentadiene	ND	1420	ND	0	Q	ND	0	Q	40-140	NC		50
Hexachloroethane	ND	1420	760	53		820	57		40-140	8		50
Isophorone	ND	1420	580J	41		700J	49		40-140	19		50
Naphthalene	450J	1420	1000	70		1400	98		40-140	33		50
Nitrobenzene	ND	1420	800	56		930	65		40-140	15		50
NDPA/DPA	ND	1420	660J	46		760	53		36-157	14		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1493138-4 WG1493138-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
n-Nitrosodi-n-propylamine	ND	1420	510J	36		650J	46		32-121	24		50
Bis(2-ethylhexyl)phthalate	ND	1420	940	66		1200	84		40-140	24		50
Butyl benzyl phthalate	ND	1420	580J	41		780J	55		40-140	29		50
Di-n-butylphthalate	ND	1420	680J	48		840J	59		40-140	21		50
Di-n-octylphthalate	ND	1420	840J	59		1000	70		40-140	17		50
Diethyl phthalate	ND	1420	520J	37	Q	690J	48		40-140	28		50
Dimethyl phthalate	ND	1420	420J	30	Q	590J	41		40-140	34		50
Benzo(a)anthracene	960	1420	1500	38	Q	1800	59		40-140	18		50
Benzo(a)pyrene	960	1420	1400	31	Q	1700	52		40-140	19		50
Benzo(b)fluoranthene	1400	1420	1800	28	Q	2200	56		40-140	20		50
Benzo(k)fluoranthene	430J	1420	1000	70		1200	84		40-140	18		50
Chrysene	1100	1420	1500	28	Q	1800	49		40-140	18		50
Acenaphthylene	ND	1420	700J	49		830	58		40-140	17		50
Anthracene	ND	1420	830	58		1000	70		40-140	19		50
Benzo(ghi)perylene	670J	1420	1300	91		1400	98		40-140	7		50
Fluorene	ND	1420	760J	53		940	66		40-140	21		50
Phenanthrene	590	1420	1100	36	Q	1700	78		40-140	43		50
Dibenzo(a,h)anthracene	150J	1420	750	53		840	59		40-140	11		50
Indeno(1,2,3-cd)pyrene	700J	1420	1300	91		1400	98		40-140	7		50
Pyrene	1600	1420	2000	28	Q	2400	56		35-142	18		50
Biphenyl	ND	1420	780J	55		920J	64		37-127	16		50
4-Chloroaniline	ND	1420	500J	35	Q	430J	30	Q	40-140	15		50
2-Nitroaniline	ND	1420	560J	39	Q	720J	50		47-134	25		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1493138-4 WG1493138-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
3-Nitroaniline	ND	1420	330J	23	Q	420J	29		26-129	24		50
4-Nitroaniline	ND	1420	ND	0	Q	ND	0	Q	41-125	NC		50
Dibenzofuran	170J	1420	880J	62		1100	77		40-140	22		50
2-Methylnaphthalene	590J	1420	1000J	70		1600	110		40-140	46		50
1,2,4,5-Tetrachlorobenzene	ND	1420	750J	53		890	62		40-117	17		50
Acetophenone	ND	1420	690J	49		850J	60		14-144	21		50
2,4,6-Trichlorophenol	ND	1420	640	45		820	57		30-130	25		50
p-Chloro-m-cresol	ND	1420	590J	42		810J	57		26-103	31		50
2-Chlorophenol	ND	1420	650J	46		830J	58		25-102	24		50
2,4-Dichlorophenol	ND	1420	670J	47		890	62		30-130	28		50
2,4-Dimethylphenol	ND	1420	580J	41		720J	50		30-130	22		50
2-Nitrophenol	ND	1420	560J	39		850J	60		30-130	41		50
4-Nitrophenol	ND	1420	ND	0	Q	420J	29		11-114	NC		50
2,4-Dinitrophenol	ND	1420	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1420	700J	49		630J	44		10-130	11		50
Pentachlorophenol	ND	1420	790	56		1000	70		17-109	23		50
Phenol	ND	1420	590J	42		750J	53		26-90	24		50
2-Methylphenol	ND	1420	650J	46		800J	56		30-130	21		50
3-Methylphenol/4-Methylphenol	ND	1420	590J	42		760J	53		30-130	25		50
2,4,5-Trichlorophenol	ND	1420	590J	42		820J	57		30-130	33		50
Benzoic Acid	ND	1420	ND	0	Q	ND	0	Q	10-110	NC		50
Benzyl Alcohol	ND	1420	560J	39	Q	760J	53		40-140	30		50
Carbazole	ND	1420	650J	46	Q	780J	55		54-128	18		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1493138-4 WG1493138-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
1,4-Dioxane	ND	1420	550	39	Q	520	36	Q	40-140	6		50

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
2,4,6-Tribromophenol	46		62		10-136
2-Fluorobiphenyl	53		63		30-120
2-Fluorophenol	41		52		25-120
4-Terphenyl-d14	48		57		18-120
Nitrobenzene-d5	57		70		23-120
Phenol-d6	39		52		10-120

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490056-4 QC Sample: L2120187-02 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	6.62	6.67	ng/l	1		30
Perfluoropentanoic Acid (PFPeA)	11.3	11.2	ng/l	1		30
Perfluorobutanesulfonic Acid (PFBS)	3.59	3.54	ng/l	1		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	11.8	11.6	ng/l	2		30
Perfluoropentanesulfonic Acid (PFPeS)	1.36J	1.39J	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	10.1	9.74	ng/l	4		30
Perfluorohexanesulfonic Acid (PFHxS)	9.61	9.19	ng/l	4		30
Perfluorooctanoic Acid (PFOA)	37.4	36.1	ng/l	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	3.19	3.17	ng/l	1		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.02J	1.24J	ng/l	NC		30

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490056-4 QC Sample: L2120187-02 Client ID: DUP Sample						
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		79		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		98		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		108		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	115		119		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		103		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	125		129		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		85		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		104		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		86		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		111		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		95		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63		66		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		95		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	83		80		22-136

Lab Duplicate Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490056-4 QC Sample: L2120187-02 Client ID: DUP Sample						

Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30
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Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	70		74		10-112



PCBS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 10:56
 Analyst: JAW
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:30
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.50	1	A
Aroclor 1232	ND		ug/kg	34.9	7.40	1	A
Aroclor 1242	ND		ug/kg	34.9	4.71	1	A
Aroclor 1248	ND		ug/kg	34.9	5.24	1	A
Aroclor 1254	ND		ug/kg	34.9	3.82	1	A
Aroclor 1260	ND		ug/kg	34.9	6.45	1	A
Aroclor 1262	ND		ug/kg	34.9	4.44	1	A
Aroclor 1268	ND		ug/kg	34.9	3.62	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	57		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 11:17
 Analyst: JAW
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:30
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.5	3.69	1	A
Aroclor 1221	ND		ug/kg	41.5	4.16	1	A
Aroclor 1232	ND		ug/kg	41.5	8.80	1	A
Aroclor 1242	ND		ug/kg	41.5	5.60	1	A
Aroclor 1248	ND		ug/kg	41.5	6.23	1	A
Aroclor 1254	ND		ug/kg	41.5	4.54	1	A
Aroclor 1260	ND		ug/kg	41.5	7.67	1	A
Aroclor 1262	ND		ug/kg	41.5	5.27	1	A
Aroclor 1268	ND		ug/kg	41.5	4.30	1	A
PCBs, Total	ND		ug/kg	41.5	3.69	1	A

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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
Client ID: 003_LSB4_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/02/21 11:24
Analyst: JAW
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 05/01/21 02:30
Cleanup Method: EPA 3665A
Cleanup Date: 05/01/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	46.3	4.11	1	A
Aroclor 1221	ND		ug/kg	46.3	4.64	1	A
Aroclor 1232	ND		ug/kg	46.3	9.81	1	A
Aroclor 1242	ND		ug/kg	46.3	6.24	1	A
Aroclor 1248	ND		ug/kg	46.3	6.94	1	A
Aroclor 1254	ND		ug/kg	46.3	5.06	1	A
Aroclor 1260	ND		ug/kg	46.3	8.55	1	A
Aroclor 1262	ND		ug/kg	46.3	5.88	1	A
Aroclor 1268	ND		ug/kg	46.3	4.79	1	A
PCBs, Total	ND		ug/kg	46.3	4.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	54		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 11:31
 Analyst: JAW
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:30
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.7	3.62	1	A
Aroclor 1221	ND		ug/kg	40.7	4.08	1	A
Aroclor 1232	ND		ug/kg	40.7	8.63	1	A
Aroclor 1242	ND		ug/kg	40.7	5.49	1	A
Aroclor 1248	ND		ug/kg	40.7	6.11	1	A
Aroclor 1254	ND		ug/kg	40.7	4.46	1	A
Aroclor 1260	ND		ug/kg	40.7	7.53	1	A
Aroclor 1262	ND		ug/kg	40.7	5.17	1	A
Aroclor 1268	ND		ug/kg	40.7	4.22	1	A
PCBs, Total	ND		ug/kg	40.7	3.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	68		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 11:38
 Analyst: JAW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:30
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.38	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.07	1	A
Aroclor 1242	ND		ug/kg	38.0	5.13	1	A
Aroclor 1248	ND		ug/kg	38.0	5.71	1	A
Aroclor 1254	ND		ug/kg	38.0	4.16	1	A
Aroclor 1260	ND		ug/kg	38.0	7.03	1	A
Aroclor 1262	ND		ug/kg	38.0	4.83	1	A
Aroclor 1268	ND		ug/kg	38.0	3.94	1	A
PCBs, Total	ND		ug/kg	38.0	3.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	60		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 11:45
 Analyst: JAW
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:47
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.06	1	A
Aroclor 1221	ND		ug/kg	34.4	3.45	1	A
Aroclor 1232	ND		ug/kg	34.4	7.30	1	A
Aroclor 1242	ND		ug/kg	34.4	4.64	1	A
Aroclor 1248	ND		ug/kg	34.4	5.16	1	A
Aroclor 1254	ND		ug/kg	34.4	3.77	1	A
Aroclor 1260	ND		ug/kg	34.4	6.36	1	A
Aroclor 1262	ND		ug/kg	34.4	4.37	1	A
Aroclor 1268	ND		ug/kg	34.4	3.57	1	A
PCBs, Total	ND		ug/kg	34.4	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	67		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
Client ID: 007_LSB3_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/02/21 11:52
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 05/01/21 02:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/01/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/01/21

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	7.28	1	A
Aroclor 1242	ND		ug/kg	34.3	4.63	1	A
Aroclor 1248	ND		ug/kg	34.3	5.15	1	A
Aroclor 1254	ND		ug/kg	34.3	3.76	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	3.56	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	68		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 11:59
 Analyst: JAW
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.8	3.00	1	A
Aroclor 1221	ND		ug/kg	33.8	3.39	1	A
Aroclor 1232	ND		ug/kg	33.8	7.17	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	6.25	1	A
Aroclor 1262	ND		ug/kg	33.8	4.30	1	A
Aroclor 1268	ND		ug/kg	33.8	3.50	1	A
PCBs, Total	ND		ug/kg	33.8	3.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	61		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 12:06
 Analyst: JAW
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.44	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.64	1	A
PCBs, Total	ND		ug/kg	35.1	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	56		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 12:13
 Analyst: JAW
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.8	3.44	1	A
Aroclor 1221	ND		ug/kg	38.8	3.88	1	A
Aroclor 1232	ND		ug/kg	38.8	8.22	1	A
Aroclor 1242	ND		ug/kg	38.8	5.22	1	A
Aroclor 1248	ND		ug/kg	38.8	5.81	1	A
Aroclor 1254	ND		ug/kg	38.8	4.24	1	A
Aroclor 1260	ND		ug/kg	38.8	7.16	1	A
Aroclor 1262	ND		ug/kg	38.8	4.92	1	A
Aroclor 1268	ND		ug/kg	38.8	4.01	1	A
PCBs, Total	ND		ug/kg	38.8	3.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
Client ID: 011_LSB6_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/02/21 14:50
Analyst: JAW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/01/21 02:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/01/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.66	1	A
Aroclor 1232	ND		ug/kg	36.6	7.75	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.49	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.64	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	73		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 14:57
 Analyst: JAW
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:52
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.9	3.63	1	A
Aroclor 1221	ND		ug/kg	40.9	4.10	1	A
Aroclor 1232	ND		ug/kg	40.9	8.67	1	A
Aroclor 1242	ND		ug/kg	40.9	5.51	1	A
Aroclor 1248	ND		ug/kg	40.9	6.13	1	A
Aroclor 1254	ND		ug/kg	40.9	4.47	1	A
Aroclor 1260	ND		ug/kg	40.9	7.56	1	A
Aroclor 1262	ND		ug/kg	40.9	5.19	1	A
Aroclor 1268	ND		ug/kg	40.9	4.24	1	A
PCBs, Total	ND		ug/kg	40.9	3.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	76		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 15:04
 Analyst: JAW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:53
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

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	7.62	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.39	1	A
Aroclor 1254	ND		ug/kg	35.9	3.93	1	A
Aroclor 1260	ND		ug/kg	35.9	6.64	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	72		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	78		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 15:11
 Analyst: JAW
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:53
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.2	3.66	1	A
Aroclor 1221	ND		ug/kg	41.2	4.13	1	A
Aroclor 1232	ND		ug/kg	41.2	8.74	1	A
Aroclor 1242	ND		ug/kg	41.2	5.55	1	A
Aroclor 1248	ND		ug/kg	41.2	6.18	1	A
Aroclor 1254	ND		ug/kg	41.2	4.51	1	A
Aroclor 1260	ND		ug/kg	41.2	7.62	1	A
Aroclor 1262	ND		ug/kg	41.2	5.23	1	A
Aroclor 1268	ND		ug/kg	41.2	4.27	1	A
PCBs, Total	ND		ug/kg	41.2	3.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	64		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 15:18
 Analyst: JAW
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:54
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

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	7.43	1	A
Aroclor 1242	ND		ug/kg	35.0	4.72	1	A
Aroclor 1248	ND		ug/kg	35.0	5.26	1	A
Aroclor 1254	ND		ug/kg	35.0	3.83	1	A
Aroclor 1260	ND		ug/kg	35.0	6.48	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	65		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	59		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 23:30
 Analyst: CW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 05/02/21 05:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/02/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.76	1	A
Aroclor 1232	ND		ug/kg	37.5	7.94	1	A
Aroclor 1242	ND		ug/kg	37.5	5.05	1	A
Aroclor 1248	ND		ug/kg	37.5	5.62	1	A
Aroclor 1254	ND		ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.93	1	A
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.88	1	A
PCBs, Total	ND		ug/kg	37.5	3.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/02/21 23:43
 Analyst: CW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/02/21 05:26
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/02/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.4	3.41	1	A
Aroclor 1221	ND		ug/kg	38.4	3.85	1	A
Aroclor 1232	ND		ug/kg	38.4	8.14	1	A
Aroclor 1242	ND		ug/kg	38.4	5.18	1	A
Aroclor 1248	ND		ug/kg	38.4	5.76	1	A
Aroclor 1254	ND		ug/kg	38.4	4.20	1	A
Aroclor 1260	ND		ug/kg	38.4	7.10	1	A
Aroclor 1262	ND		ug/kg	38.4	4.88	1	A
Aroclor 1268	ND		ug/kg	38.4	3.98	1	A
PCBs, Total	ND		ug/kg	38.4	3.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	43		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8082A
 Analytical Date: 04/29/21 10:33
 Analyst: CW

Extraction Method: EPA 3510C
 Extraction Date: 04/28/21 07:56
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/28/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/29/21

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	55		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	60		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8082A
 Analytical Date: 04/29/21 10:41
 Analyst: CW

Extraction Method: EPA 3510C
 Extraction Date: 04/28/21 07:56
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/28/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/29/21

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	64		30-150	B
Decachlorobiphenyl	65		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/28/21 12:35
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 04/27/21 09:19
Cleanup Method: EPA 3665A
Cleanup Date: 04/27/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/28/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 18-19 Batch: WG1491201-1						
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	61		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/02/21 10:01
 Analyst: JAW

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 02:30
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-15 Batch: WG1493134-1						
Aroclor 1016	ND		ug/kg	32.7	2.90	A
Aroclor 1221	ND		ug/kg	32.7	3.28	A
Aroclor 1232	ND		ug/kg	32.7	6.94	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.91	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.05	A
Aroclor 1262	ND		ug/kg	32.7	4.16	A
Aroclor 1268	ND		ug/kg	32.7	3.39	A
PCBs, Total	ND		ug/kg	32.7	2.90	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 05/02/21 09:50
 Analyst: CW

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 13:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/02/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 16-17 Batch: WG1493291-1						
Aroclor 1016	ND		ug/kg	32.5	2.89	A
Aroclor 1221	ND		ug/kg	32.5	3.26	A
Aroclor 1232	ND		ug/kg	32.5	6.90	A
Aroclor 1242	ND		ug/kg	32.5	4.38	A
Aroclor 1248	ND		ug/kg	32.5	4.88	A
Aroclor 1254	ND		ug/kg	32.5	3.56	A
Aroclor 1260	ND		ug/kg	32.5	6.01	A
Aroclor 1262	ND		ug/kg	32.5	4.13	A
Aroclor 1268	ND		ug/kg	32.5	3.37	A
PCBs, Total	ND		ug/kg	32.5	2.89	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 18-19 Batch: WG1491201-2 WG1491201-3									
Aroclor 1016	81		63		40-140	25		50	A
Aroclor 1260	82		63		40-140	26		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		65		30-150	A
Decachlorobiphenyl	96		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		65		30-150	B
Decachlorobiphenyl	81		67		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1493134-2 WG1493134-3									
Aroclor 1016	72		75		40-140	4		50	A
Aroclor 1260	65		66		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		80		30-150	A
Decachlorobiphenyl	65		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		80		30-150	B
Decachlorobiphenyl	70		70		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 16-17 Batch: WG1493291-2 WG1493291-3									
Aroclor 1016	81		71		40-140	13		50	A
Aroclor 1260	74		67		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		72		30-150	A
Decachlorobiphenyl	65		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		65		30-150	B
Decachlorobiphenyl	66		57		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1493134-4 WG1493134-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2													
Aroclor 1016	ND	218	116	53		120	54		40-140	3		50	A
Aroclor 1260	ND	218	124	57		125	57		40-140	1		50	A

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	61		61		30-150	A
Decachlorobiphenyl	62		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		61		30-150	B
Decachlorobiphenyl	61		64		30-150	B

PESTICIDES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01 D
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 20:09
 Analyst: JMC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:10
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.61	1.68	5	A
Lindane	ND		ug/kg	3.59	1.60	5	A
Alpha-BHC	ND		ug/kg	3.59	1.02	5	A
Beta-BHC	ND		ug/kg	8.61	3.26	5	A
Heptachlor	ND		ug/kg	4.30	1.93	5	A
Aldrin	ND		ug/kg	8.61	3.03	5	A
Heptachlor epoxide	ND		ug/kg	16.1	4.84	5	A
Endrin	ND		ug/kg	3.59	1.47	5	A
Endrin aldehyde	ND		ug/kg	10.8	3.76	5	A
Endrin ketone	ND		ug/kg	8.61	2.22	5	A
Dieldrin	ND		ug/kg	5.38	2.69	5	A
4,4'-DDE	ND		ug/kg	8.61	1.99	5	A
4,4'-DDD	ND		ug/kg	8.61	3.07	5	A
4,4'-DDT	ND		ug/kg	16.1	6.92	5	A
Endosulfan I	ND		ug/kg	8.61	2.03	5	A
Endosulfan II	ND		ug/kg	8.61	2.88	5	A
Endosulfan sulfate	ND		ug/kg	3.59	1.71	5	A
Methoxychlor	ND		ug/kg	16.1	5.02	5	A
Toxaphene	ND		ug/kg	161	45.2	5	A
cis-Chlordane	ND		ug/kg	10.8	3.00	5	A
trans-Chlordane	ND		ug/kg	10.8	2.84	5	A
Chlordane	ND		ug/kg	71.7	28.5	5	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01 D
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01 D
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/27/21 00:38
 Analyst: JMC
 Percent Solids: 92%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	358	22.5	2	A
2,4,5-T	ND		ug/kg	358	11.1	2	A
2,4,5-TP (Silvex)	ND		ug/kg	358	9.52	2	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	106		30-150	A
DCAA	102		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
Client ID: 002_LSB5_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/02/21 19:41
Analyst: SDC
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 05/01/21 01:10
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	A
Lindane	ND		ug/kg	0.830	0.371	1	A
Alpha-BHC	ND		ug/kg	0.830	0.236	1	A
Beta-BHC	ND		ug/kg	1.99	0.756	1	A
Heptachlor	ND		ug/kg	0.996	0.447	1	A
Aldrin	ND		ug/kg	1.99	0.702	1	A
Heptachlor epoxide	ND		ug/kg	3.74	1.12	1	A
Endrin	ND		ug/kg	0.830	0.340	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.872	1	A
Endrin ketone	ND		ug/kg	1.99	0.513	1	A
Dieldrin	ND		ug/kg	1.24	0.623	1	A
4,4'-DDE	ND		ug/kg	1.99	0.461	1	A
4,4'-DDD	ND		ug/kg	1.99	0.711	1	A
4,4'-DDT	ND		ug/kg	3.74	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.471	1	A
Endosulfan II	ND		ug/kg	1.99	0.666	1	A
Endosulfan sulfate	ND		ug/kg	0.830	0.395	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	ND		ug/kg	2.49	0.694	1	A
trans-Chlordane	ND		ug/kg	2.49	0.658	1	A
Chlordane	ND		ug/kg	16.6	6.60	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 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	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 19:27
 Analyst: JMC
 Percent Solids: 78%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	211	13.3	1	A
2,4,5-T	ND		ug/kg	211	6.53	1	A
2,4,5-TP (Silvex)	ND		ug/kg	211	5.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	93		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 19:52
 Analyst: SDC
 Percent Solids: 71%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:10
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.19	0.430	1	A
Lindane	ND		ug/kg	0.914	0.409	1	A
Alpha-BHC	ND		ug/kg	0.914	0.260	1	A
Beta-BHC	ND		ug/kg	2.19	0.832	1	A
Heptachlor	ND		ug/kg	1.10	0.492	1	A
Aldrin	ND		ug/kg	2.19	0.772	1	A
Heptachlor epoxide	ND		ug/kg	4.11	1.23	1	A
Endrin	ND		ug/kg	0.914	0.375	1	A
Endrin aldehyde	ND		ug/kg	2.74	0.960	1	A
Endrin ketone	ND		ug/kg	2.19	0.565	1	A
Dieldrin	ND		ug/kg	1.37	0.686	1	A
4,4'-DDE	ND		ug/kg	2.19	0.507	1	A
4,4'-DDD	ND		ug/kg	2.19	0.782	1	A
4,4'-DDT	6.36		ug/kg	4.11	1.76	1	B
Endosulfan I	ND		ug/kg	2.19	0.518	1	A
Endosulfan II	ND		ug/kg	2.19	0.733	1	A
Endosulfan sulfate	ND		ug/kg	0.914	0.435	1	A
Methoxychlor	ND		ug/kg	4.11	1.28	1	A
Toxaphene	ND		ug/kg	41.1	11.5	1	A
cis-Chlordane	ND		ug/kg	2.74	0.764	1	A
trans-Chlordane	ND		ug/kg	2.74	0.724	1	A
Chlordane	ND		ug/kg	18.3	7.27	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 19:45
 Analyst: JMC
 Percent Solids: 71%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	230	14.5	1	A
2,4,5-T	ND		ug/kg	230	7.14	1	A
2,4,5-TP (Silvex)	ND		ug/kg	230	6.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	97		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 20:03
 Analyst: SDC
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:10
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.391	1	A
Lindane	ND		ug/kg	0.832	0.372	1	A
Alpha-BHC	ND		ug/kg	0.832	0.236	1	A
Beta-BHC	ND		ug/kg	2.00	0.757	1	A
Heptachlor	ND		ug/kg	0.998	0.448	1	A
Aldrin	ND		ug/kg	2.00	0.703	1	A
Heptachlor epoxide	ND		ug/kg	3.74	1.12	1	A
Endrin	ND		ug/kg	0.832	0.341	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.874	1	A
Endrin ketone	ND		ug/kg	2.00	0.514	1	A
Dieldrin	ND		ug/kg	1.25	0.624	1	A
4,4'-DDE	ND		ug/kg	2.00	0.462	1	A
4,4'-DDD	ND		ug/kg	2.00	0.712	1	A
4,4'-DDT	ND		ug/kg	3.74	1.60	1	A
Endosulfan I	ND		ug/kg	2.00	0.472	1	A
Endosulfan II	ND		ug/kg	2.00	0.667	1	A
Endosulfan sulfate	ND		ug/kg	0.832	0.396	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	ND		ug/kg	2.50	0.696	1	A
trans-Chlordane	ND		ug/kg	2.50	0.659	1	A
Chlordane	ND		ug/kg	16.6	6.61	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 20:04
 Analyst: JMC
 Percent Solids: 78%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.52	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	93		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
Client ID: 005_LSB3_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/02/21 20:15
Analyst: SDC
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/01/21 01:10
Cleanup Method: EPA 3620B
Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	ND		ug/kg	1.80	0.415	1	A
4,4'-DDD	ND		ug/kg	1.80	0.640	1	A
4,4'-DDT	ND		ug/kg	3.37	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.43	1	A
cis-Chlordane	ND		ug/kg	2.24	0.626	1	A
trans-Chlordane	ND		ug/kg	2.24	0.593	1	A
Chlordane	ND		ug/kg	15.0	5.95	1	A



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 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	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 20:22
 Analyst: JMC
 Percent Solids: 86%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.89	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	89		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 18:18
 Analyst: JMC
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

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	0.687	0.307	1	A
Alpha-BHC	ND		ug/kg	0.687	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.625	1	A
Heptachlor	ND		ug/kg	0.824	0.369	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.927	1	A
Endrin	ND		ug/kg	0.687	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.721	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.515	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.588	1	A
4,4'-DDT	ND		ug/kg	3.09	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.687	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.961	1	A
Toxaphene	ND		ug/kg	30.9	8.65	1	A
cis-Chlordane	ND		ug/kg	2.06	0.574	1	A
trans-Chlordane	ND		ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.7	5.46	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 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	55		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 20:40
 Analyst: JMC
 Percent Solids: 94%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	172	10.8	1	A
2,4,5-T	ND		ug/kg	172	5.33	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	96		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 18:29
 Analyst: JMC
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	3.13	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.974	1	A
Toxaphene	ND		ug/kg	31.3	8.77	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.551	1	A
Chlordane	ND		ug/kg	13.9	5.53	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 20:58
 Analyst: JMC
 Percent Solids: 94%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	174	10.9	1	A
2,4,5-T	ND		ug/kg	174	5.39	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	89		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 18:40
 Analyst: JMC
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.59	0.311	1	A
Lindane	ND		ug/kg	0.662	0.296	1	A
Alpha-BHC	ND		ug/kg	0.662	0.188	1	A
Beta-BHC	ND		ug/kg	1.59	0.603	1	A
Heptachlor	ND		ug/kg	0.795	0.356	1	A
Aldrin	ND		ug/kg	1.59	0.560	1	A
Heptachlor epoxide	ND		ug/kg	2.98	0.894	1	A
Endrin	ND		ug/kg	0.662	0.272	1	A
Endrin aldehyde	ND		ug/kg	1.99	0.696	1	A
Endrin ketone	ND		ug/kg	1.59	0.409	1	A
Dieldrin	ND		ug/kg	0.994	0.497	1	A
4,4'-DDE	ND		ug/kg	1.59	0.368	1	A
4,4'-DDD	ND		ug/kg	1.59	0.567	1	A
4,4'-DDT	ND		ug/kg	2.98	1.28	1	A
Endosulfan I	ND		ug/kg	1.59	0.376	1	A
Endosulfan II	ND		ug/kg	1.59	0.531	1	A
Endosulfan sulfate	ND		ug/kg	0.662	0.315	1	A
Methoxychlor	ND		ug/kg	2.98	0.928	1	A
Toxaphene	ND		ug/kg	29.8	8.35	1	A
cis-Chlordane	ND		ug/kg	1.99	0.554	1	A
trans-Chlordane	ND		ug/kg	1.99	0.525	1	A
Chlordane	ND		ug/kg	13.2	5.27	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 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	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 21:17
 Analyst: JMC
 Percent Solids: 96%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	170	10.7	1	A
2,4,5-T	ND		ug/kg	170	5.27	1	A
2,4,5-TP (Silvex)	ND		ug/kg	170	4.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	89		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 18:51
 Analyst: JMC
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.670	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.622	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.994	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.773	1	A
Endrin ketone	ND		ug/kg	1.77	0.455	1	A
Dieldrin	ND		ug/kg	1.10	0.552	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.630	1	A
4,4'-DDT	ND		ug/kg	3.31	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.28	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	ND		ug/kg	2.21	0.583	1	A
Chlordane	ND		ug/kg	14.7	5.86	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 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	36		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 21:35
 Analyst: JMC
 Percent Solids: 90%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	88		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 19:02
 Analyst: JMC
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.785	0.351	1	A
Alpha-BHC	ND		ug/kg	0.785	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.714	1	A
Heptachlor	ND		ug/kg	0.942	0.422	1	A
Aldrin	ND		ug/kg	1.88	0.663	1	A
Heptachlor epoxide	ND		ug/kg	3.53	1.06	1	A
Endrin	ND		ug/kg	0.785	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.824	1	A
Endrin ketone	ND		ug/kg	1.88	0.485	1	A
Dieldrin	ND		ug/kg	1.18	0.589	1	A
4,4'-DDE	ND		ug/kg	1.88	0.436	1	A
4,4'-DDD	ND		ug/kg	1.88	0.672	1	A
4,4'-DDT	ND		ug/kg	3.53	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.630	1	A
Endosulfan sulfate	ND		ug/kg	0.785	0.374	1	A
Methoxychlor	ND		ug/kg	3.53	1.10	1	A
Toxaphene	ND		ug/kg	35.3	9.89	1	A
cis-Chlordane	ND		ug/kg	2.35	0.656	1	A
trans-Chlordane	ND		ug/kg	2.35	0.622	1	A
Chlordane	ND		ug/kg	15.7	6.24	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 21:53
 Analyst: JMC
 Percent Solids: 81%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.25	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	97		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
Client ID: 011_LSB6_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/02/21 19:13
Analyst: JMC
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/01/21 01:12
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.325	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.661	1	A
Heptachlor	ND		ug/kg	0.871	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.980	1	A
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.545	1	A
4,4'-DDE	ND		ug/kg	1.74	0.403	1	A
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	ND		ug/kg	3.27	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.15	1	A
cis-Chlordane	ND		ug/kg	2.18	0.607	1	A
trans-Chlordane	ND		ug/kg	2.18	0.575	1	A
Chlordane	ND		ug/kg	14.5	5.77	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 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	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	181	Q	30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 22:12
 Analyst: JMC
 Percent Solids: 90%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 03:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.5	1	A
2,4,5-T	ND		ug/kg	182	5.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	57		30-150	A
DCAA	54		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 19:24
 Analyst: JMC
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.813	0.363	1	A
Alpha-BHC	ND		ug/kg	0.813	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.740	1	A
Heptachlor	ND		ug/kg	0.976	0.437	1	A
Aldrin	ND		ug/kg	1.95	0.687	1	A
Heptachlor epoxide	ND		ug/kg	3.66	1.10	1	A
Endrin	ND		ug/kg	0.813	0.333	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.854	1	A
Endrin ketone	ND		ug/kg	1.95	0.502	1	A
Dieldrin	ND		ug/kg	1.22	0.610	1	A
4,4'-DDE	ND		ug/kg	1.95	0.451	1	A
4,4'-DDD	ND		ug/kg	1.95	0.696	1	A
4,4'-DDT	ND		ug/kg	3.66	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.461	1	A
Endosulfan II	ND		ug/kg	1.95	0.652	1	A
Endosulfan sulfate	ND		ug/kg	0.813	0.387	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.2	1	A
cis-Chlordane	ND		ug/kg	2.44	0.680	1	A
trans-Chlordane	ND		ug/kg	2.44	0.644	1	A
Chlordane	ND		ug/kg	16.3	6.46	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 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	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 22:48
 Analyst: JMC
 Percent Solids: 77%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 03:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	211	13.3	1	A
2,4,5-T	ND		ug/kg	211	6.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	211	5.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	92		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
Client ID: 013_LSB7_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/02/21 19:35
Analyst: JMC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/01/21 01:12
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/21

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	0.853	0.382	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	0.746	1	A
Endrin ketone	ND		ug/kg	1.71	0.439	1	A
Dieldrin	ND		ug/kg	1.07	0.533	1	A
4,4'-DDE	ND		ug/kg	1.71	0.395	1	A
4,4'-DDD	ND		ug/kg	1.71	0.609	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
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	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.96	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	29	Q	30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 23:07
 Analyst: JMC
 Percent Solids: 89%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 03:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	96		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 19:47
 Analyst: JMC
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.826	0.369	1	A
Alpha-BHC	ND		ug/kg	0.826	0.235	1	A
Beta-BHC	ND		ug/kg	1.98	0.752	1	A
Heptachlor	ND		ug/kg	0.992	0.444	1	A
Aldrin	ND		ug/kg	1.98	0.698	1	A
Heptachlor epoxide	ND		ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.826	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.868	1	A
Endrin ketone	ND		ug/kg	1.98	0.511	1	A
Dieldrin	ND		ug/kg	1.24	0.620	1	A
4,4'-DDE	ND		ug/kg	1.98	0.458	1	A
4,4'-DDD	ND		ug/kg	1.98	0.707	1	A
4,4'-DDT	ND		ug/kg	3.72	1.59	1	A
Endosulfan I	ND		ug/kg	1.98	0.468	1	A
Endosulfan II	ND		ug/kg	1.98	0.663	1	A
Endosulfan sulfate	ND		ug/kg	0.826	0.393	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	ND		ug/kg	2.48	0.691	1	A
trans-Chlordane	ND		ug/kg	2.48	0.654	1	A
Chlordane	ND		ug/kg	16.5	6.57	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 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	55		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 23:25
 Analyst: JMC
 Percent Solids: 79%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 03:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	207	13.1	1	A
2,4,5-T	ND		ug/kg	207	6.43	1	A
2,4,5-TP (Silvex)	ND		ug/kg	207	5.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	93		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/26/21 23:43
 Analyst: JMC
 Percent Solids: 91%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 03:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.56	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	72		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15 D
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/21 20:42
 Analyst: JMC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 05/01/21 01:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.44	1.65	5	A
Lindane	ND		ug/kg	3.52	1.57	5	A
Alpha-BHC	ND		ug/kg	3.52	0.998	5	A
Beta-BHC	ND		ug/kg	8.44	3.20	5	A
Heptachlor	ND		ug/kg	4.22	1.89	5	A
Aldrin	ND		ug/kg	8.44	2.97	5	A
Heptachlor epoxide	ND		ug/kg	15.8	4.74	5	A
Endrin	ND		ug/kg	3.52	1.44	5	A
Endrin aldehyde	ND		ug/kg	10.5	3.69	5	A
Endrin ketone	ND		ug/kg	8.44	2.17	5	A
Dieldrin	ND		ug/kg	5.27	2.64	5	A
4,4'-DDE	ND		ug/kg	8.44	1.95	5	A
4,4'-DDD	ND		ug/kg	8.44	3.01	5	A
4,4'-DDT	ND		ug/kg	15.8	6.78	5	A
Endosulfan I	ND		ug/kg	8.44	1.99	5	A
Endosulfan II	ND		ug/kg	8.44	2.82	5	A
Endosulfan sulfate	ND		ug/kg	3.52	1.67	5	A
Methoxychlor	ND		ug/kg	15.8	4.92	5	A
Toxaphene	ND		ug/kg	158	44.3	5	A
cis-Chlordane	ND		ug/kg	10.5	2.94	5	A
trans-Chlordane	ND		ug/kg	10.5	2.78	5	A
Chlordane	ND		ug/kg	70.3	27.9	5	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15 D
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
Client ID: 016_LSB1_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/21 13:10
Analyst: JMC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/02/21 05:49
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.926	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.772	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.810	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.579	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.72	1	A
cis-Chlordane	ND		ug/kg	2.31	0.645	1	A
trans-Chlordane	ND		ug/kg	2.31	0.611	1	A
Chlordane	ND		ug/kg	15.4	6.13	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 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	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/27/21 00:01
 Analyst: JMC
 Percent Solids: 85%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 03:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	115		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 04/27/21 00:20
 Analyst: JMC
 Percent Solids: 87%
 Methylation Date: 04/25/21 14:55

Extraction Method: EPA 8151A
 Extraction Date: 04/24/21 03:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	85		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17 D
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/03/21 12:04
 Analyst: JMC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/02/21 05:49
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.4	3.42	10	A
Lindane	ND		ug/kg	7.27	3.25	10	A
Alpha-BHC	ND		ug/kg	7.27	2.06	10	A
Beta-BHC	ND		ug/kg	17.4	6.62	10	A
Heptachlor	ND		ug/kg	8.73	3.91	10	A
Aldrin	ND		ug/kg	17.4	6.14	10	A
Heptachlor epoxide	ND		ug/kg	32.7	9.82	10	A
Endrin	ND		ug/kg	7.27	2.98	10	A
Endrin aldehyde	ND		ug/kg	21.8	7.64	10	A
Endrin ketone	ND		ug/kg	17.4	4.49	10	A
Dieldrin	ND		ug/kg	10.9	5.45	10	A
4,4'-DDE	ND		ug/kg	17.4	4.04	10	A
4,4'-DDD	ND		ug/kg	17.4	6.22	10	A
4,4'-DDT	ND		ug/kg	32.7	14.0	10	A
Endosulfan I	ND		ug/kg	17.4	4.12	10	A
Endosulfan II	ND		ug/kg	17.4	5.83	10	A
Endosulfan sulfate	ND		ug/kg	7.27	3.46	10	A
Methoxychlor	ND		ug/kg	32.7	10.2	10	A
Toxaphene	ND		ug/kg	327	91.6	10	A
cis-Chlordane	ND		ug/kg	21.8	6.08	10	A
trans-Chlordane	ND		ug/kg	21.8	5.76	10	A
Chlordane	ND		ug/kg	145	57.8	10	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17 D
 Client ID: 017_DUP01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
 Date Received: 04/21/21
 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	115		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8081B
 Analytical Date: 04/26/21 23:42
 Analyst: SDC

Extraction Method: EPA 3510C
 Extraction Date: 04/24/21 06:58

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 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	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
 Client ID: 018_FB01_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8151A
 Analytical Date: 04/28/21 16:24
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 04/27/21 00:30

Methylation Date: 04/28/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	83		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8081B
 Analytical Date: 04/26/21 23:53
 Analyst: SDC

Extraction Method: EPA 3510C
 Extraction Date: 04/24/21 06:58

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 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	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8151A
 Analytical Date: 04/28/21 17:01
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 04/27/21 00:30

Methylation Date: 04/28/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	75		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 04/26/21 16:39
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 04/24/21 00:12

Methylation Date: 04/25/21 14:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-17 Batch: WG1490168-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	92		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/25/21 18:48
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/24/21 06:58

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18-19 Batch: WG1490208-1						
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 04/25/21 18:48
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/24/21 06:58

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18-19 Batch: WG1490208-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 04/28/21 15:29
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 04/27/21 00:30

Methylation Date: 04/28/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 18-19 Batch: WG1491017-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	85		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 05/02/21 18:21
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 05/01/21 01:10
Cleanup Method: EPA 3620B
Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-15 Batch: WG1493114-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin aldehyde	ND		ug/kg	1.88	0.660	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.943	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.880	A
Toxaphene	ND		ug/kg	28.3	7.92	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.498	A
Chlordane	ND		ug/kg	12.6	5.00	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 05/02/21 18:21
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 05/01/21 01:10
Cleanup Method: EPA 3620B
Cleanup Date: 05/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-15 Batch: WG1493114-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/02/21 15:10
Analyst: JJW

Extraction Method: EPA 3546
Extraction Date: 05/01/21 14:00
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16-17 Batch: WG1493296-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.643	0.287	A
Alpha-BHC	ND		ug/kg	0.643	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.585	A
Heptachlor	ND		ug/kg	0.771	0.346	A
Aldrin	ND		ug/kg	1.54	0.543	A
Heptachlor epoxide	ND		ug/kg	2.89	0.868	A
Endrin	ND		ug/kg	0.643	0.263	A
Endrin aldehyde	ND		ug/kg	1.93	0.675	A
Endrin ketone	ND		ug/kg	1.54	0.397	A
Dieldrin	ND		ug/kg	0.964	0.482	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.550	A
4,4'-DDT	ND		ug/kg	2.89	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.364	A
Endosulfan II	ND		ug/kg	1.54	0.515	A
Endosulfan sulfate	ND		ug/kg	0.643	0.306	A
Methoxychlor	ND		ug/kg	2.89	0.900	A
Toxaphene	ND		ug/kg	28.9	8.10	A
cis-Chlordane	ND		ug/kg	1.93	0.537	A
trans-Chlordane	ND		ug/kg	1.93	0.509	A
Chlordane	ND		ug/kg	12.8	5.11	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/02/21 15:10
Analyst: JJW

Extraction Method: EPA 3546
Extraction Date: 05/01/21 14:00
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16-17 Batch: WG1493296-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	50		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-17 Batch: WG1490168-2 WG1490168-3									
2,4-D	98		91		30-150	7		30	A
2,4,5-T	95		85		30-150	11		30	A
2,4,5-TP (Silvex)	95		84		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	93		83		30-150	A
DCAA	94		81		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18-19 Batch: WG1490208-2 WG1490208-3									
Delta-BHC	51		50		30-150	2		20	A
Lindane	57		58		30-150	1		20	A
Alpha-BHC	61		60		30-150	2		20	A
Beta-BHC	64		64		30-150	0		20	A
Heptachlor	51		52		30-150	2		20	A
Aldrin	49		50		30-150	3		20	A
Heptachlor epoxide	49		50		30-150	3		20	A
Endrin	50		50		30-150	0		20	A
Endrin aldehyde	45		46		30-150	2		20	A
Endrin ketone	52		54		30-150	2		20	A
Dieldrin	49		51		30-150	3		20	A
4,4'-DDE	46		47		30-150	2		20	A
4,4'-DDD	51		53		30-150	3		20	A
4,4'-DDT	47		48		30-150	3		20	A
Endosulfan I	55		55		30-150	1		20	A
Endosulfan II	56		56		30-150	1		20	A
Endosulfan sulfate	50		51		30-150	2		20	A
Methoxychlor	54		55		30-150	1		20	A
cis-Chlordane	51		52		30-150	3		20	A
trans-Chlordane	53		54		30-150	2		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18-19 Batch: WG1490208-2 WG1490208-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	60		61		30-150	A
Decachlorobiphenyl	46		49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		58		30-150	B
Decachlorobiphenyl	46		51		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 18-19 Batch: WG1491017-2 WG1491017-3									
2,4-D	84		71		30-150	17		25	A
2,4,5-T	82		70		30-150	16		25	A
2,4,5-TP (Silvex)	80		68		30-150	16		25	A

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria	Column
DCAA	90		77		30-150	A
DCAA	98		87		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1493114-2 WG1493114-3									
Delta-BHC	62		63		30-150	2		30	A
Lindane	56		57		30-150	2		30	A
Alpha-BHC	59		60		30-150	2		30	A
Beta-BHC	56		55		30-150	2		30	A
Heptachlor	57		58		30-150	2		30	A
Aldrin	53		54		30-150	2		30	A
Heptachlor epoxide	50		51		30-150	2		30	A
Endrin	58		60		30-150	3		30	A
Endrin aldehyde	50		56		30-150	11		30	A
Endrin ketone	60		66		30-150	10		30	A
Dieldrin	56		58		30-150	4		30	A
4,4'-DDE	55		57		30-150	4		30	A
4,4'-DDD	66		68		30-150	3		30	A
4,4'-DDT	71		73		30-150	3		30	A
Endosulfan I	52		53		30-150	2		30	A
Endosulfan II	61		63		30-150	3		30	A
Endosulfan sulfate	51		56		30-150	9		30	A
Methoxychlor	76		82		30-150	8		30	A
cis-Chlordane	45		46		30-150	2		30	A
trans-Chlordane	54		56		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1493114-2 WG1493114-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		62		30-150	A
Decachlorobiphenyl	64		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		59		30-150	B
Decachlorobiphenyl	61		64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16-17 Batch: WG1493296-2 WG1493296-3									
Delta-BHC	65		63		30-150	3		30	A
Lindane	64		62		30-150	3		30	A
Alpha-BHC	66		64		30-150	3		30	A
Beta-BHC	72		71		30-150	1		30	A
Heptachlor	58		57		30-150	2		30	A
Aldrin	58		57		30-150	2		30	A
Heptachlor epoxide	52		52		30-150	0		30	A
Endrin	59		56		30-150	5		30	A
Endrin aldehyde	43		42		30-150	2		30	A
Endrin ketone	59		58		30-150	2		30	A
Dieldrin	58		57		30-150	2		30	A
4,4'-DDE	53		51		30-150	4		30	A
4,4'-DDD	60		59		30-150	2		30	A
4,4'-DDT	59		58		30-150	2		30	A
Endosulfan I	55		53		30-150	4		30	A
Endosulfan II	66		63		30-150	5		30	A
Endosulfan sulfate	47		45		30-150	4		30	A
Methoxychlor	62		62		30-150	0		30	A
cis-Chlordane	57		55		30-150	4		30	A
trans-Chlordane	61		59		30-150	3		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16-17 Batch: WG1493296-2 WG1493296-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	59		56		30-150	A
Decachlorobiphenyl	47		46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		60		30-150	B
Decachlorobiphenyl	52		54		30-150	B



Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG1490168-4 WG1490168-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2													
2,4-D	ND	180	193J	107		200J	111		30-150	4		30	A
2,4,5-T	ND	180	185J	103		193J	107		30-150	4		30	A
2,4,5-TP (Silvex)	ND	180	187J	104		194J	108		30-150	4		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	109		118		30-150	A
DCAA	113		119		30-150	B



Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Organochlorine Pesticides by GC - Westborough Lab ID: 001_LSB5_0-2													
Associated sample(s): 01-15 QC Batch ID: WG1493114-4 WG1493114-5 QC Sample: L2120301-01 Client													
Delta-BHC	ND	34.3	31.1	91		22.3	63		30-150	33		50	A
Lindane	ND	34.3	31.9	93		23.4	66		30-150	31		50	A
Alpha-BHC	ND	34.3	34.0	99		25.8	73		30-150	27		50	A
Beta-BHC	ND	34.3	28.6	84		21.8	62		30-150	27		50	A
Heptachlor	ND	34.3	33.0	96		23.4	66		30-150	34		50	A
Aldrin	ND	34.3	35.7	104		23.7	67		30-150	40		50	A
Heptachlor epoxide	ND	34.3	34.7	101		27.0	77		30-150	25		50	A
Endrin	ND	34.3	32.6	95		27.9	79		30-150	16		50	A
Endrin aldehyde	ND	34.3	21.8	64		18.6	53		30-150	16		50	A
Endrin ketone	ND	34.3	26.2	77		23.1	66		30-150	13		50	A
Dieldrin	ND	34.3	30.0	88		27.6	78		30-150	8		50	A
4,4'-DDE	ND	34.3	30.3	88		25.5	72		30-150	17		50	A
4,4'-DDD	ND	34.3	31.0	91		26.4	75		30-150	16		50	A
4,4'-DDT	ND	34.3	37.8	110		32.9	93		30-150	14		50	A
Endosulfan I	ND	34.3	32.3	94		26.9	76		30-150	18		50	A
Endosulfan II	ND	34.3	26.9	79		23.2	66		30-150	15		50	A
Endosulfan sulfate	ND	34.3	21.8	64		18.6	53		30-150	16		50	A
Methoxychlor	ND	34.3	33.9	99		26.5	75		30-150	25		50	A
cis-Chlordane	ND	34.3	36.2	106		29.4	83		30-150	21		50	A
trans-Chlordane	ND	34.3	34.1IP	100		27.2IP	77		30-150	23		50	A

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1493114-4 WG1493114-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	100		80		30-150	A
Decachlorobiphenyl	61		46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		77		30-150	B
Decachlorobiphenyl	76		86		30-150	B



METALS

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
 Client ID: 001_LSB5_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
 Date Received: 04/21/21
 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	2520		mg/kg	8.50	2.29	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.25	0.323	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Arsenic, Total	4.92		mg/kg	0.850	0.177	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Barium, Total	89.5		mg/kg	0.850	0.148	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Beryllium, Total	0.170	J	mg/kg	0.425	0.028	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Cadmium, Total	0.348	J	mg/kg	0.850	0.083	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Calcium, Total	33900		mg/kg	85.0	29.7	20	04/24/21 08:00	04/28/21 01:22	EPA 3050B	1,6010D	BV
Chromium, Total	6.80		mg/kg	0.850	0.082	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Cobalt, Total	2.98		mg/kg	1.70	0.141	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Copper, Total	38.8		mg/kg	0.850	0.219	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Iron, Total	7300		mg/kg	4.25	0.767	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Lead, Total	97.1		mg/kg	4.25	0.228	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Magnesium, Total	14200		mg/kg	8.50	1.31	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Manganese, Total	87.6		mg/kg	0.850	0.135	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Mercury, Total	0.161		mg/kg	0.069	0.045	1	04/24/21 09:45	04/25/21 16:05	EPA 7471B	1,7471B	OU
Nickel, Total	7.64		mg/kg	2.12	0.206	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Potassium, Total	324		mg/kg	212	12.2	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.70	0.219	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.850	0.240	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Sodium, Total	169	J	mg/kg	170	2.68	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.70	0.268	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Vanadium, Total	19.8		mg/kg	0.850	0.172	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
Zinc, Total	76.1		mg/kg	4.25	0.249	2	04/24/21 08:00	04/27/21 22:07	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	6.8		mg/kg	0.87	0.87	1		04/27/21 22:07	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
 Client ID: 002_LSB5_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6660		mg/kg	10.0	2.71	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	5.02	0.381	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	1.00	0.209	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Barium, Total	48.9		mg/kg	1.00	0.174	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Beryllium, Total	0.331	J	mg/kg	0.502	0.033	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Cadmium, Total	0.431	J	mg/kg	1.00	0.098	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Calcium, Total	1580		mg/kg	10.0	3.51	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Chromium, Total	17.1		mg/kg	1.00	0.096	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Cobalt, Total	7.99		mg/kg	2.01	0.166	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Copper, Total	14.3		mg/kg	1.00	0.259	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Iron, Total	15600		mg/kg	5.02	0.906	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Lead, Total	5.00	J	mg/kg	5.02	0.269	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Magnesium, Total	2940		mg/kg	10.0	1.54	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Manganese, Total	323		mg/kg	1.00	0.160	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.081	0.053	1	04/24/21 09:45	04/25/21 16:18	EPA 7471B	1,7471B	OU
Nickel, Total	14.8		mg/kg	2.51	0.243	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Potassium, Total	1590		mg/kg	251	14.4	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	2.01	0.259	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	1.00	0.284	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Sodium, Total	69.5	J	mg/kg	201	3.16	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	2.01	0.316	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Vanadium, Total	24.9		mg/kg	1.00	0.204	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
Zinc, Total	36.8		mg/kg	5.02	0.294	2	04/24/21 08:00	04/27/21 22:32	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	17		mg/kg	1.0	1.0	1		04/27/21 22:32	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
 Client ID: 003_LSB4_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	10.7	2.90	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	5.37	0.408	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Arsenic, Total	3.05		mg/kg	1.07	0.224	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Barium, Total	224		mg/kg	1.07	0.187	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Beryllium, Total	0.408	J	mg/kg	0.537	0.036	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Cadmium, Total	0.623	J	mg/kg	1.07	0.105	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Calcium, Total	59500		mg/kg	107	37.6	20	04/24/21 08:00	04/28/21 02:17	EPA 3050B	1,6010D	BV
Chromium, Total	20.1		mg/kg	1.07	0.103	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Cobalt, Total	6.60		mg/kg	2.15	0.178	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Copper, Total	21.7		mg/kg	1.07	0.277	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Iron, Total	14100		mg/kg	5.37	0.971	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Lead, Total	235		mg/kg	5.37	0.288	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Magnesium, Total	5000		mg/kg	10.7	1.66	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Manganese, Total	285		mg/kg	1.07	0.171	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Mercury, Total	1.40		mg/kg	0.090	0.059	1	04/24/21 09:45	04/25/21 16:21	EPA 7471B	1,7471B	OU
Nickel, Total	15.7		mg/kg	2.69	0.260	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Potassium, Total	1700		mg/kg	269	15.5	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	2.15	0.277	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	1.07	0.304	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Sodium, Total	183	J	mg/kg	215	3.38	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	2.15	0.338	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Vanadium, Total	31.9		mg/kg	1.07	0.218	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
Zinc, Total	204		mg/kg	5.37	0.315	2	04/24/21 08:00	04/27/21 22:37	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	20		mg/kg	1.1	1.1	1		04/27/21 22:37	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
 Client ID: 004_LSB4_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7490		mg/kg	9.96	2.69	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.98	0.379	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.996	0.207	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Barium, Total	61.5		mg/kg	0.996	0.173	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Beryllium, Total	0.388	J	mg/kg	0.498	0.033	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Cadmium, Total	0.518	J	mg/kg	0.996	0.098	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Calcium, Total	1440		mg/kg	9.96	3.49	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Chromium, Total	22.2		mg/kg	0.996	0.096	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Cobalt, Total	9.00		mg/kg	1.99	0.165	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Copper, Total	17.2		mg/kg	0.996	0.257	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Iron, Total	17600		mg/kg	4.98	0.900	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Lead, Total	11.1		mg/kg	4.98	0.267	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Magnesium, Total	3000		mg/kg	9.96	1.53	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Manganese, Total	377		mg/kg	0.996	0.158	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Mercury, Total	0.331		mg/kg	0.081	0.053	1	04/24/21 09:45	04/25/21 16:25	EPA 7471B	1,7471B	OU
Nickel, Total	16.6		mg/kg	2.49	0.241	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Potassium, Total	2210		mg/kg	249	14.3	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.99	0.257	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.996	0.282	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Sodium, Total	53.5	J	mg/kg	199	3.14	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.99	0.314	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Vanadium, Total	29.6		mg/kg	0.996	0.202	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
Zinc, Total	46.2		mg/kg	4.98	0.292	2	04/24/21 08:00	04/27/21 23:07	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	22		mg/kg	1.0	1.0	1		04/27/21 23:07	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
 Client ID: 005_LSB3_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
 Date Received: 04/21/21
 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	7170		mg/kg	8.99	2.43	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.49	0.342	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Arsenic, Total	0.980		mg/kg	0.899	0.187	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Barium, Total	35.1		mg/kg	0.899	0.156	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Beryllium, Total	0.360	J	mg/kg	0.449	0.030	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Cadmium, Total	0.521	J	mg/kg	0.899	0.088	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Calcium, Total	5550		mg/kg	8.99	3.15	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Chromium, Total	20.2		mg/kg	0.899	0.086	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Cobalt, Total	7.36		mg/kg	1.80	0.149	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Copper, Total	15.0		mg/kg	0.899	0.232	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Iron, Total	16000		mg/kg	4.49	0.812	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Lead, Total	26.3		mg/kg	4.49	0.241	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Magnesium, Total	3120		mg/kg	8.99	1.38	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Manganese, Total	296		mg/kg	0.899	0.143	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Mercury, Total	0.070	J	mg/kg	0.074	0.048	1	04/24/21 09:45	04/25/21 16:28	EPA 7471B	1,7471B	OU
Nickel, Total	13.3		mg/kg	2.25	0.218	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Potassium, Total	1470		mg/kg	225	12.9	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.80	0.232	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.899	0.254	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Sodium, Total	63.3	J	mg/kg	180	2.83	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.80	0.283	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Vanadium, Total	29.0		mg/kg	0.899	0.182	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
Zinc, Total	51.2		mg/kg	4.49	0.263	2	04/24/21 08:00	04/27/21 23:12	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	20		mg/kg	0.94	0.94	1		04/27/21 23:12	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06
 Client ID: 006_LSB3_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05
 Date Received: 04/21/21
 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	4190		mg/kg	8.30	2.24	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.15	0.316	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Arsenic, Total	1.21		mg/kg	0.830	0.173	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Barium, Total	37.4		mg/kg	0.830	0.144	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Beryllium, Total	0.191	J	mg/kg	0.415	0.027	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Cadmium, Total	0.299	J	mg/kg	0.830	0.081	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Calcium, Total	10100		mg/kg	8.30	2.91	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Chromium, Total	19.1		mg/kg	0.830	0.080	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Cobalt, Total	5.89		mg/kg	1.66	0.138	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Copper, Total	16.1		mg/kg	0.830	0.214	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Iron, Total	9730		mg/kg	4.15	0.750	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Lead, Total	6.81		mg/kg	4.15	0.222	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Magnesium, Total	6250		mg/kg	8.30	1.28	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Manganese, Total	197		mg/kg	0.830	0.132	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.067	0.044	1	04/24/21 09:45	04/25/21 16:31	EPA 7471B	1,7471B	OU
Nickel, Total	38.8		mg/kg	2.08	0.201	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Potassium, Total	1120		mg/kg	208	12.0	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.66	0.214	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.830	0.235	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Sodium, Total	252		mg/kg	166	2.62	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.66	0.262	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Vanadium, Total	20.7		mg/kg	0.830	0.168	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
Zinc, Total	27.1		mg/kg	4.15	0.243	2	04/24/21 08:00	04/27/21 23:17	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19		mg/kg	0.85	0.85	1		04/27/21 23:17	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
 Client ID: 007_LSB3_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
 Date Received: 04/21/21
 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	3920		mg/kg	8.21	2.22	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.10	0.312	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Arsenic, Total	1.24		mg/kg	0.821	0.171	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Barium, Total	31.8		mg/kg	0.821	0.143	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Beryllium, Total	0.172	J	mg/kg	0.410	0.027	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Cadmium, Total	0.279	J	mg/kg	0.821	0.081	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Calcium, Total	6680		mg/kg	8.21	2.87	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Chromium, Total	11.1		mg/kg	0.821	0.079	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Cobalt, Total	6.24		mg/kg	1.64	0.136	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Copper, Total	13.4		mg/kg	0.821	0.212	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Iron, Total	9160		mg/kg	4.10	0.741	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Lead, Total	5.02		mg/kg	4.10	0.220	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Magnesium, Total	7170		mg/kg	8.21	1.26	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Manganese, Total	199		mg/kg	0.821	0.130	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.067	0.044	1	04/24/21 09:45	04/25/21 16:41	EPA 7471B	1,7471B	OU
Nickel, Total	51.1		mg/kg	2.05	0.199	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Potassium, Total	1150		mg/kg	205	11.8	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.64	0.212	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.821	0.232	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Sodium, Total	203		mg/kg	164	2.59	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.64	0.259	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Vanadium, Total	16.8		mg/kg	0.821	0.167	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
Zinc, Total	25.5		mg/kg	4.10	0.240	2	04/24/21 08:00	04/27/21 23:21	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11		mg/kg	0.85	0.85	1		04/27/21 23:21	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08
 Client ID: 008_LSB4_20-22
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07
 Date Received: 04/21/21
 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	3170		mg/kg	8.03	2.17	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.02	0.305	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Arsenic, Total	0.570	J	mg/kg	0.803	0.167	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Barium, Total	23.8		mg/kg	0.803	0.140	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Beryllium, Total	0.161	J	mg/kg	0.402	0.027	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.249	J	mg/kg	0.803	0.079	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Calcium, Total	2680		mg/kg	8.03	2.81	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Chromium, Total	9.21		mg/kg	0.803	0.077	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Cobalt, Total	5.70		mg/kg	1.61	0.133	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Copper, Total	11.6		mg/kg	0.803	0.207	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Iron, Total	7510		mg/kg	4.02	0.725	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Lead, Total	5.72		mg/kg	4.02	0.215	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Magnesium, Total	4960		mg/kg	8.03	1.24	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Manganese, Total	166		mg/kg	0.803	0.128	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.066	0.043	1	04/24/21 09:45	04/25/21 16:44	EPA 7471B	1,7471B	OU
Nickel, Total	38.5		mg/kg	2.01	0.194	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Potassium, Total	885		mg/kg	201	11.6	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.61	0.207	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.803	0.227	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Sodium, Total	187		mg/kg	161	2.53	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.61	0.253	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Vanadium, Total	13.3		mg/kg	0.803	0.163	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
Zinc, Total	23.9		mg/kg	4.02	0.235	2	04/24/21 08:00	04/27/21 23:26	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	9.2		mg/kg	0.83	0.83	1		04/27/21 23:26	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09
 Client ID: 009_LSB2_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7070		mg/kg	8.76	2.36	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.38	0.333	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Arsenic, Total	3.31		mg/kg	0.876	0.182	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Barium, Total	63.6		mg/kg	0.876	0.152	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Beryllium, Total	0.324	J	mg/kg	0.438	0.029	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Cadmium, Total	0.350	J	mg/kg	0.876	0.086	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Calcium, Total	30400		mg/kg	8.76	3.06	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Chromium, Total	11.8		mg/kg	0.876	0.084	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Cobalt, Total	4.96		mg/kg	1.75	0.145	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Copper, Total	15.4		mg/kg	0.876	0.226	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Iron, Total	10200		mg/kg	4.38	0.791	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Lead, Total	61.5		mg/kg	4.38	0.235	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Magnesium, Total	3260		mg/kg	8.76	1.35	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Manganese, Total	220		mg/kg	0.876	0.139	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Mercury, Total	0.191		mg/kg	0.070	0.046	1	04/24/21 09:45	04/25/21 16:48	EPA 7471B	1,7471B	OU
Nickel, Total	18.2		mg/kg	2.19	0.212	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Potassium, Total	1030		mg/kg	219	12.6	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Selenium, Total	0.333	J	mg/kg	1.75	0.226	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.876	0.248	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Sodium, Total	310		mg/kg	175	2.76	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.75	0.276	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Vanadium, Total	21.0		mg/kg	0.876	0.178	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
Zinc, Total	49.9		mg/kg	4.38	0.257	2	04/24/21 08:00	04/27/21 23:31	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12		mg/kg	0.89	0.89	1		04/27/21 23:31	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
 Client ID: 010_LSB2_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
 Date Received: 04/21/21
 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	6580		mg/kg	9.55	2.58	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.77	0.363	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.955	0.199	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Barium, Total	55.6		mg/kg	0.955	0.166	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Beryllium, Total	0.334	J	mg/kg	0.477	0.032	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Cadmium, Total	0.525	J	mg/kg	0.955	0.094	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Calcium, Total	1510		mg/kg	9.55	3.34	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Chromium, Total	20.3		mg/kg	0.955	0.092	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Cobalt, Total	8.32		mg/kg	1.91	0.158	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Copper, Total	15.4		mg/kg	0.955	0.246	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Iron, Total	16800		mg/kg	4.77	0.862	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Lead, Total	4.35	J	mg/kg	4.77	0.256	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Magnesium, Total	2820		mg/kg	9.55	1.47	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Manganese, Total	348		mg/kg	0.955	0.152	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.077	0.050	1	04/24/21 09:45	04/25/21 16:51	EPA 7471B	1,7471B	OU
Nickel, Total	16.2		mg/kg	2.39	0.231	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Potassium, Total	1890		mg/kg	239	13.8	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.91	0.246	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.955	0.270	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Sodium, Total	83.5	J	mg/kg	191	3.01	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.91	0.301	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Vanadium, Total	27.7		mg/kg	0.955	0.194	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
Zinc, Total	55.2		mg/kg	4.77	0.280	2	04/24/21 08:00	04/27/21 23:36	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	20		mg/kg	0.98	0.98	1		04/27/21 23:36	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
 Client ID: 011_LSB6_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4650		mg/kg	8.55	2.31	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Antimony, Total	0.444	J	mg/kg	4.27	0.325	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Arsenic, Total	7.38		mg/kg	0.855	0.178	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Barium, Total	150		mg/kg	0.855	0.149	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Beryllium, Total	0.214	J	mg/kg	0.427	0.028	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Cadmium, Total	0.530	J	mg/kg	0.855	0.084	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Calcium, Total	20900		mg/kg	8.55	2.99	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Chromium, Total	10.5		mg/kg	0.855	0.082	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Cobalt, Total	4.02		mg/kg	1.71	0.142	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Copper, Total	19.0		mg/kg	0.855	0.220	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Iron, Total	8690		mg/kg	4.27	0.772	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Lead, Total	122		mg/kg	4.27	0.229	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Magnesium, Total	4260		mg/kg	8.55	1.32	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Manganese, Total	123		mg/kg	0.855	0.136	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Mercury, Total	0.200		mg/kg	0.071	0.046	1	04/24/21 09:45	04/25/21 16:54	EPA 7471B	1,7471B	OU
Nickel, Total	8.92		mg/kg	2.14	0.207	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Potassium, Total	688		mg/kg	214	12.3	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Selenium, Total	0.282	J	mg/kg	1.71	0.220	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.855	0.242	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Sodium, Total	388		mg/kg	171	2.69	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.71	0.269	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Vanadium, Total	22.7		mg/kg	0.855	0.174	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
Zinc, Total	185		mg/kg	4.27	0.250	2	04/24/21 08:00	04/28/21 00:06	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	10		mg/kg	0.89	0.89	1		04/28/21 00:06	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12
 Client ID: 012_LSB6_13-15
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7320		mg/kg	9.80	2.65	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.90	0.372	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.980	0.204	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Barium, Total	56.7		mg/kg	0.980	0.170	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Beryllium, Total	0.412	J	mg/kg	0.490	0.032	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Cadmium, Total	0.500	J	mg/kg	0.980	0.096	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Calcium, Total	1710		mg/kg	9.80	3.43	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Chromium, Total	20.2		mg/kg	0.980	0.094	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Cobalt, Total	8.82		mg/kg	1.96	0.163	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Copper, Total	17.7		mg/kg	0.980	0.253	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Iron, Total	17100		mg/kg	4.90	0.885	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Lead, Total	6.58		mg/kg	4.90	0.263	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Magnesium, Total	3640		mg/kg	9.80	1.51	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Manganese, Total	370		mg/kg	0.980	0.156	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.082	0.053	1	04/24/21 09:45	04/25/21 16:58	EPA 7471B	1,7471B	OU
Nickel, Total	22.4		mg/kg	2.45	0.237	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Potassium, Total	1820		mg/kg	245	14.1	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.96	0.253	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.980	0.277	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Sodium, Total	93.4	J	mg/kg	196	3.09	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.96	0.309	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Vanadium, Total	27.6		mg/kg	0.980	0.199	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
Zinc, Total	48.2		mg/kg	4.90	0.287	2	04/24/21 08:00	04/28/21 00:11	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	20		mg/kg	1.0	1.0	1		04/28/21 00:11	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13
 Client ID: 013_LSB7_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12
 Date Received: 04/21/21
 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	6860		mg/kg	8.80	2.38	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.40	0.334	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Arsenic, Total	2.33		mg/kg	0.880	0.183	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Barium, Total	77.7		mg/kg	0.880	0.153	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Beryllium, Total	0.343	J	mg/kg	0.440	0.029	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Cadmium, Total	0.554	J	mg/kg	0.880	0.086	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Calcium, Total	16500		mg/kg	8.80	3.08	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Chromium, Total	17.5		mg/kg	0.880	0.085	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Cobalt, Total	6.72		mg/kg	1.76	0.146	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Copper, Total	21.5		mg/kg	0.880	0.227	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Iron, Total	14300		mg/kg	4.40	0.795	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Lead, Total	124		mg/kg	4.40	0.236	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Magnesium, Total	3030		mg/kg	8.80	1.36	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Manganese, Total	262		mg/kg	0.880	0.140	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Mercury, Total	0.214		mg/kg	0.071	0.046	1	04/24/21 09:45	04/25/21 17:01	EPA 7471B	1,7471B	OU
Nickel, Total	12.5		mg/kg	2.20	0.213	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Potassium, Total	1220		mg/kg	220	12.7	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.76	0.227	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.880	0.249	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Sodium, Total	131	J	mg/kg	176	2.77	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.76	0.277	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Vanadium, Total	25.3		mg/kg	0.880	0.179	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
Zinc, Total	82.0		mg/kg	4.40	0.258	2	04/24/21 08:00	04/28/21 00:16	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18		mg/kg	0.90	0.90	1		04/28/21 00:16	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
 Client ID: 014_LSB7_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7820		mg/kg	9.97	2.69	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.98	0.379	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.997	0.207	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Barium, Total	49.1		mg/kg	0.997	0.173	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Beryllium, Total	0.399	J	mg/kg	0.498	0.033	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Cadmium, Total	0.518	J	mg/kg	0.997	0.098	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Calcium, Total	1920		mg/kg	9.97	3.49	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Chromium, Total	21.4		mg/kg	0.997	0.096	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Cobalt, Total	8.39		mg/kg	1.99	0.166	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Copper, Total	17.2		mg/kg	0.997	0.257	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Iron, Total	17500		mg/kg	4.98	0.900	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Lead, Total	6.50		mg/kg	4.98	0.267	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Magnesium, Total	3010		mg/kg	9.97	1.54	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Manganese, Total	345		mg/kg	0.997	0.158	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.079	0.052	1	04/24/21 09:45	04/25/21 17:04	EPA 7471B	1,7471B	OU
Nickel, Total	16.9		mg/kg	2.49	0.241	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Potassium, Total	1480		mg/kg	249	14.4	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.99	0.257	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.997	0.282	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Sodium, Total	217		mg/kg	199	3.14	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.99	0.314	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Vanadium, Total	28.8		mg/kg	0.997	0.202	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
Zinc, Total	45.2		mg/kg	4.98	0.292	2	04/24/21 08:00	04/28/21 00:21	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	21		mg/kg	1.0	1.0	1		04/28/21 00:21	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15
 Client ID: 015_LSB1_0-2
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14
 Date Received: 04/21/21
 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	4580		mg/kg	8.60	2.32	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.30	0.327	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Arsenic, Total	4.26		mg/kg	0.860	0.179	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Barium, Total	109		mg/kg	0.860	0.150	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Beryllium, Total	0.258	J	mg/kg	0.430	0.028	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.378	J	mg/kg	0.860	0.084	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Calcium, Total	29400		mg/kg	8.60	3.01	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Chromium, Total	10.6		mg/kg	0.860	0.083	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Cobalt, Total	4.56		mg/kg	1.72	0.143	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Copper, Total	12.9		mg/kg	0.860	0.222	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Iron, Total	10600		mg/kg	4.30	0.776	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Lead, Total	169		mg/kg	4.30	0.230	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Magnesium, Total	5810		mg/kg	8.60	1.32	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Manganese, Total	224		mg/kg	0.860	0.137	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Mercury, Total	0.186		mg/kg	0.069	0.045	1	04/24/21 09:45	04/25/21 17:08	EPA 7471B	1,7471B	OU
Nickel, Total	9.85		mg/kg	2.15	0.208	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Potassium, Total	1190		mg/kg	215	12.4	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Selenium, Total	0.327	J	mg/kg	1.72	0.222	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.860	0.243	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Sodium, Total	182		mg/kg	172	2.71	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.72	0.271	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Vanadium, Total	20.0		mg/kg	0.860	0.174	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
Zinc, Total	78.0		mg/kg	4.30	0.252	2	04/24/21 08:00	04/28/21 00:26	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11		mg/kg	0.88	0.88	1		04/28/21 00:26	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
 Client ID: 016_LSB1_8-10
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7080		mg/kg	9.14	2.47	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.57	0.348	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.914	0.190	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Barium, Total	57.8		mg/kg	0.914	0.159	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Beryllium, Total	0.338	J	mg/kg	0.457	0.030	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Cadmium, Total	0.476	J	mg/kg	0.914	0.090	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Calcium, Total	1810		mg/kg	9.14	3.20	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Chromium, Total	20.8		mg/kg	0.914	0.088	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Cobalt, Total	8.32		mg/kg	1.83	0.152	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Copper, Total	14.5		mg/kg	0.914	0.236	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Iron, Total	16900		mg/kg	4.57	0.826	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Lead, Total	4.50	J	mg/kg	4.57	0.245	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Magnesium, Total	2900		mg/kg	9.14	1.41	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Manganese, Total	358		mg/kg	0.914	0.145	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.074	0.049	1	04/24/21 09:45	04/25/21 17:11	EPA 7471B	1,7471B	OU
Nickel, Total	14.6		mg/kg	2.29	0.221	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Potassium, Total	2130		mg/kg	229	13.2	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.83	0.236	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.914	0.259	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Sodium, Total	67.4	J	mg/kg	183	2.88	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.83	0.288	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Vanadium, Total	28.8		mg/kg	0.914	0.186	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
Zinc, Total	40.2		mg/kg	4.57	0.268	2	04/24/21 08:00	04/28/21 00:31	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	21		mg/kg	0.94	0.94	1		04/28/21 00:31	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17

Date Collected: 04/21/21 00:00

Client ID: 017_DUP01_042121

Date Received: 04/21/21

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3320		mg/kg	9.12	2.46	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.56	0.347	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Arsenic, Total	10.9		mg/kg	0.912	0.190	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Barium, Total	107		mg/kg	0.912	0.159	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Beryllium, Total	0.228	J	mg/kg	0.456	0.030	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Cadmium, Total	0.484	J	mg/kg	0.912	0.089	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Calcium, Total	44500		mg/kg	9.12	3.19	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Chromium, Total	7.98		mg/kg	0.912	0.088	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Cobalt, Total	3.84		mg/kg	1.82	0.151	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Copper, Total	31.2		mg/kg	0.912	0.235	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Iron, Total	8820		mg/kg	4.56	0.824	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Lead, Total	124		mg/kg	4.56	0.244	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Magnesium, Total	21400		mg/kg	9.12	1.40	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Manganese, Total	136		mg/kg	0.912	0.145	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Mercury, Total	0.243		mg/kg	0.072	0.047	1	04/24/21 09:45	04/25/21 17:21	EPA 7471B	1,7471B	OU
Nickel, Total	10.6		mg/kg	2.28	0.221	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Potassium, Total	456		mg/kg	228	13.1	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.82	0.235	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.912	0.258	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Sodium, Total	198		mg/kg	182	2.87	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.82	0.287	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Vanadium, Total	26.1		mg/kg	0.912	0.185	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
Zinc, Total	96.2		mg/kg	4.56	0.267	2	04/24/21 08:00	04/28/21 00:37	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.0		mg/kg	0.92	0.92	1		04/28/21 00:37	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18

Date Collected: 04/21/21 07:00

Client ID: 018_FB01_042121

Date Received: 04/21/21

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/24/21 15:15	04/25/21 15:53	EPA 7470A	1,7470A	OU
Nickel, Total	ND		mg/l	0.00200	0.00055	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	04/24/21 10:38	04/27/21 17:54	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		04/27/21 17:54	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
 Client ID: 019_FB02_042121
 Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
 Date Received: 04/21/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Barium, Total	0.00020	J	mg/l	0.00050	0.00017	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Manganese, Total	0.00046	J	mg/l	0.00100	0.00044	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/24/21 15:15	04/25/21 16:03	EPA 7470A	1,7470A	OU
Nickel, Total	ND		mg/l	0.00200	0.00055	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	04/24/21 10:38	04/27/21 17:59	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		04/27/21 17:59	NA	107,-	



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

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): 01-17 Batch: WG1489414-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Iron, Total	0.948	J	mg/kg	2.00	0.361	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Manganese, Total	0.168	J	mg/kg	0.400	0.064	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/24/21 08:00	04/27/21 21:57	1,6010D	BV

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): 01-17 Batch: WG1489416-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/24/21 09:45	04/25/21 15:51	1,7471B	OU



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

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): 18-19 Batch: WG1490048-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Antimony, Total	ND	mg/l	0.00400	0.00042	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Barium, Total	ND	mg/l	0.00050	0.00017	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Calcium, Total	ND	mg/l	0.100	0.0394	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Chromium, Total	ND	mg/l	0.00100	0.00017	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Copper, Total	ND	mg/l	0.00100	0.00038	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Iron, Total	ND	mg/l	0.0500	0.0191	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Lead, Total	ND	mg/l	0.00100	0.00034	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Manganese, Total	ND	mg/l	0.00100	0.00044	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Nickel, Total	ND	mg/l	0.00200	0.00055	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Potassium, Total	ND	mg/l	0.100	0.0309	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Selenium, Total	ND	mg/l	0.00500	0.00173	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Silver, Total	ND	mg/l	0.00040	0.00016	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Sodium, Total	ND	mg/l	0.100	0.0293	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Thallium, Total	ND	mg/l	0.00100	0.00014	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD
Zinc, Total	ND	mg/l	0.01000	0.00341	1	04/24/21 10:38	04/27/21 17:49	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

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): 18-19 Batch: WG1490049-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	04/24/21 15:15	04/25/21 15:13	1,7470A	OU

Prep Information

Digestion Method: EPA 7470A



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-17 Batch: WG1489414-2 SRM Lot Number: D109-540								
Aluminum, Total	78		-		50-150	-		
Antimony, Total	128		-		19-250	-		
Arsenic, Total	110		-		70-130	-		
Barium, Total	105		-		75-125	-		
Beryllium, Total	109		-		75-125	-		
Cadmium, Total	103		-		75-125	-		
Calcium, Total	104		-		73-128	-		
Chromium, Total	106		-		70-130	-		
Cobalt, Total	105		-		75-125	-		
Copper, Total	101		-		75-125	-		
Iron, Total	108		-		35-165	-		
Lead, Total	104		-		72-128	-		
Magnesium, Total	91		-		62-138	-		
Manganese, Total	103		-		74-126	-		
Nickel, Total	106		-		70-130	-		
Potassium, Total	89		-		59-141	-		
Selenium, Total	110		-		68-132	-		
Silver, Total	106		-		68-131	-		
Sodium, Total	90		-		35-165	-		
Thallium, Total	104		-		68-131	-		
Vanadium, Total	105		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 Batch: WG1489414-2 SRM Lot Number: D109-540					
Zinc, Total	104	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-17 Batch: WG1489416-2 SRM Lot Number: D109-540					
Mercury, Total	113	-	60-140	-	



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18-19 Batch: WG1490048-2					
Aluminum, Total	105	-	80-120	-	
Antimony, Total	83	-	80-120	-	
Arsenic, Total	112	-	80-120	-	
Barium, Total	109	-	80-120	-	
Beryllium, Total	94	-	80-120	-	
Cadmium, Total	117	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	102	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	107	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	108	-	80-120	-	
Magnesium, Total	103	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	118	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	105	-	80-120	-	
Thallium, Total	107	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18-19 Batch: WG1490048-2					
Zinc, Total	118	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 18-19 Batch: WG1490049-2					
Mercury, Total	92	-	80-120	-	



Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

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): 01-17 QC Batch ID: WG1489414-3 WG1489414-4 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
Aluminum, Total	2520	171	3500	572	Q	3710	714	Q	75-125	6		20
Antimony, Total	ND	42.8	36.7	86		33.6	81		75-125	9		20
Arsenic, Total	4.92	10.3	23.0	176	Q	16.4	115		75-125	34	Q	20
Barium, Total	89.5	171	283	113		320	138	Q	75-125	12		20
Beryllium, Total	0.170J	4.28	4.40	103		4.12	99		75-125	7		20
Cadmium, Total	0.348J	4.37	4.63	106		4.46	105		75-125	4		20
Calcium, Total	33900	856	27900	0	Q	45700	1420	Q	75-125	48	Q	20
Chromium, Total	6.80	17.1	23.9	100		23.1	98		75-125	3		20
Cobalt, Total	2.98	42.8	41.8	91		39.3	87		75-125	6		20
Copper, Total	38.8	21.4	66.3	128	Q	52.9	68	Q	75-125	22	Q	20
Iron, Total	7300	85.6	8420	1310	Q	7980	816	Q	75-125	5		20
Lead, Total	97.1	43.7	142	103		206	256	Q	75-125	37	Q	20
Magnesium, Total	14200	856	12000	0	Q	17500	396	Q	75-125	37	Q	20
Manganese, Total	87.6	42.8	132	104		171	200	Q	75-125	26	Q	20
Nickel, Total	7.64	42.8	46.0	90		43.5	86		75-125	6		20
Potassium, Total	324	856	1300	114		1270	114		75-125	2		20
Selenium, Total	ND	10.3	10.6	103		9.83	98		75-125	8		20
Silver, Total	ND	25.7	25.9	101		24.4	98		75-125	6		20
Sodium, Total	169J	856	1090	127	Q	1100	132	Q	75-125	1		20
Thallium, Total	ND	10.3	8.23	80		7.79	78		75-125	5		20
Vanadium, Total	19.8	42.8	65.4	106		62.0	101		75-125	5		20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

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): 01-17 QC Batch ID: WG1489414-3 WG1489414-4 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2									
Zinc, Total	76.1	42.8	124	112	188	269	Q 75-125	41	Q 20
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1489416-3 WG1489416-4 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2									
Mercury, Total	0.161	0.138	0.274	82	0.332	123	Q 80-120	19	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

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): 18-19 QC Batch ID: WG1490048-3 QC Sample: L2119373-02 Client ID: MS Sample									
Aluminum, Total	ND	2	2.16	108	-	-	75-125	-	20
Antimony, Total	0.0007J	0.5	0.4493	90	-	-	75-125	-	20
Arsenic, Total	0.0003J	0.12	0.1343	112	-	-	75-125	-	20
Barium, Total	0.0017	2	2.189	109	-	-	75-125	-	20
Beryllium, Total	0.0004J	0.05	0.05150	103	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.06041	118	-	-	75-125	-	20
Calcium, Total	10.5	10	21.3	108	-	-	75-125	-	20
Chromium, Total	0.0002J	0.2	0.2091	104	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5355	107	-	-	75-125	-	20
Copper, Total	0.0031	0.25	0.2722	108	-	-	75-125	-	20
Iron, Total	1.37	1	2.36	99	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5528	108	-	-	75-125	-	20
Magnesium, Total	0.958	10	11.9	109	-	-	75-125	-	20
Manganese, Total	0.0477	0.5	0.5695	104	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5080	102	-	-	75-125	-	20
Potassium, Total	0.982	10	11.3	103	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.143	119	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05523	110	-	-	75-125	-	20
Sodium, Total	8.49	10	19.6	111	-	-	75-125	-	20
Thallium, Total	0.0003J	0.12	0.1271	106	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5205	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

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): 18-19 QC Batch ID: WG1490048-3 QC Sample: L2119373-02 Client ID: MS Sample									
Zinc, Total	0.0417	0.5	0.6450	121	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490049-3 QC Sample: L2119373-05 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00467	93	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490048-4 QC Sample: L2119373-02 Client ID: DUP Sample						
Cadmium, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 18-19 QC Batch ID: WG1490049-4 QC Sample: L2119373-05 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2120301

Report Date: 05/05/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1489414-6 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2						
Aluminum, Total	2520	2510	mg/kg	0		20
Barium, Total	89.5	92.2	mg/kg	3		20
Copper, Total	38.8	41.6	mg/kg	7		20
Iron, Total	7300	7600	mg/kg	4		20
Magnesium, Total	14200	15500	mg/kg	9		20
Manganese, Total	87.6	90.9	mg/kg	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1489414-6 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2						
Calcium, Total	33900	34600	mg/kg	2		20

INORGANICS & MISCELLANEOUS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-01
Client ID: 001_LSB5_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:00
Date Received: 04/21/21
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	91.6		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.873	0.175	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-02
Client ID: 002_LSB5_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:01
Date Received: 04/21/21
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	77.5		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	1.03	0.206	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-03
Client ID: 003_LSB4_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:02
Date Received: 04/21/21
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	70.8		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	1.13	0.226	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-04
Client ID: 004_LSB4_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:03
Date Received: 04/21/21
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	77.8		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	1.03	0.206	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-05
Client ID: 005_LSB3_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:04
Date Received: 04/21/21
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	85.5		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.936	0.187	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-06

Client ID: 006_LSB3_20-22

Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:05

Date Received: 04/21/21

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	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.851	0.170	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-07
Client ID: 007_LSB3_13-15
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:06
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.852	0.170	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-08

Client ID: 008_LSB4_20-22

Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:07

Date Received: 04/21/21

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	96.2		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.832	0.166	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-09

Client ID: 009_LSB2_0-2

Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:08

Date Received: 04/21/21

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.890	0.178	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-10
Client ID: 010_LSB2_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:09
Date Received: 04/21/21
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	81.3		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.984	0.197	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-11
Client ID: 011_LSB6_0-2
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:10
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.889	0.178	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-12

Client ID: 012_LSB6_13-15

Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:11

Date Received: 04/21/21

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	77.3		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	1.03	0.207	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-13

Client ID: 013_LSB7_0-2

Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:12

Date Received: 04/21/21

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.900	0.180	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-14
Client ID: 014_LSB7_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:13
Date Received: 04/21/21
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	79.1		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-15

Client ID: 015_LSB1_0-2

Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:14

Date Received: 04/21/21

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	91.3		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.876	0.175	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-16
Client ID: 016_LSB1_8-10
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 10:15
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-17
Client ID: 017_DUP01_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 00:00
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	04/22/21 08:58	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.923	0.184	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-18
Client ID: 018_FB01_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 07:00
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	04/22/21 06:25	04/22/21 06:50	1,7196A	KP



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2120301
Report Date: 05/05/21

SAMPLE RESULTS

Lab ID: L2120301-19
Client ID: 019_FB02_042121
Sample Location: BROOKLYN, NY

Date Collected: 04/21/21 08:00
Date Received: 04/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	04/22/21 06:25	04/22/21 06:50	1,7196A	KP



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

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): 18-19 Batch: WG1489240-1									
Chromium, Hexavalent	ND	mg/l	0.010	0.003	1	04/22/21 06:25	04/22/21 06:49	1,7196A	KP
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1490686-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA
General Chemistry - Westborough Lab for sample(s): 11-17 Batch: WG1490688-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	04/26/21 12:23	04/26/21 21:30	1,7196A	NA



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 18-19 Batch: WG1489240-2								
Chromium, Hexavalent	103		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1490686-2								
Chromium, Hexavalent	101		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 11-17 Batch: WG1490688-2								
Chromium, Hexavalent	101		-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 18-19 QC Batch ID: WG1489240-4 QC Sample: L2120301-19 Client ID: 019_FB02_042121												
Chromium, Hexavalent	ND	0.1	0.098	98	-	-	-	-	85-115	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1490686-4 WG1490686-5 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2												
Chromium, Hexavalent	ND	994	1010	102	965	103	103	75-125	5	5	-	20
General Chemistry - Westborough Lab Associated sample(s): 11-17 QC Batch ID: WG1490688-4 QC Sample: L2120301-16 Client ID: 016_LSB1_8-10												
Chromium, Hexavalent	ND	1640	1670	102	-	-	-	-	75-125	-	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2120301

Report Date: 05/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 18-19 QC Batch ID: WG1489240-3 QC Sample: L2120301-18 Client ID: 018_FB01_042121						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG1489248-1 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2						
Solids, Total	91.6	91.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1490686-7 QC Sample: L2120301-01 Client ID: 001_LSB5_0-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 11-17 QC Batch ID: WG1490688-6 QC Sample: L2120301-16 Client ID: 016_LSB1_8-10						
Chromium, Hexavalent	ND	0.496J	mg/kg	NC		20

Project Name: 130 ST. FELIX STREET**Lab Number:** L2120301**Project Number:** 100842301**Report Date:** 05/05/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-01A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-01A1	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-01A2	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-01B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-01B1	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-01B2	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-01C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-01C1	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-01C2	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-01D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2120301-01D1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2120301-01D2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-01E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-01E1	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-01E2	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-01F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-01F1	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-01F2	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-01G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-01G1	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-01G2	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-01H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-01H1	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-01H2	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-01J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-01J1	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-01J2	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-02A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-02B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-02C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-02D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2120301-02E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-02F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-02G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-02H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05052113:32
Lab Number: L2120301
Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-02J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-03A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-03B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-03C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-03D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2120301-03E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-03F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-03G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-03H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-03J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-04A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-04B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-04C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-04D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	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),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2120301-04E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-04F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-04G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-04H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-04J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-05A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-05B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-05C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05052113:32
Lab Number: L2120301
Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-05D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2120301-05E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-05F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-05G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-05H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-05J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-06A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-06B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-06C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-06D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2120301-06E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-06F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-06G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-06H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-06J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-07A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-07B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-07C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-07D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)

*Values in parentheses indicate holding time in days



Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-07E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-07F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-07G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-07H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-07J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-08A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-08B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-08C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-08D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2120301-08E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-08F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-08G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-08H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-08J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-09A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-09B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-09C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-09D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2120301-09E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-09F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-09G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-09H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-09J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-10A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-10B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-10C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-10D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	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),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2120301-10E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-10F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-10G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-10H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-10J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-11A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-11B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-11C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-11D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	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),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2120301-11E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-11F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-11G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-11H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-11J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-12A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-12B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-12C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)

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Lab Number: L2120301

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Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-12D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SB-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),CA-TI(180),K-TI(180),NA-TI(180)
L2120301-12E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-12F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-12G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-12H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-12J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-13A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-13B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-13C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-13D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	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),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2120301-13E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-13F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-13G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-13H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-13J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-13K	6x9 Ziploc Bag	C	NA		3.5	Y	Absent		ARCHIVE()
L2120301-14A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-14B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-14C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-14D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-14E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-14F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-14G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-14H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-14J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-15A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-15B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-15C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-15D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2120301-15E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-15F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-15G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-15H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-15J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-15K	6x9 Ziploc Bag	B	NA		4.2	Y	Absent		ARCHIVE()
L2120301-16A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2120301-16B	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-16C	Vial water preserved	C	NA		3.5	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-16D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	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),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2120301-16E	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-16F	Plastic 120ml unpreserved	C	NA		3.5	Y	Absent		TS(7)
L2120301-16G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)

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Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-16H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-16J	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-17A	Vial MeOH preserved	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2120301-17B	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-17C	Vial water preserved	B	NA		4.2	Y	Absent	22-APR-21 06:28	NYTCL-8260HLW(14)
L2120301-17D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	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),PB-TI(180),ZN-TI(180),SB-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),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2120301-17E	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-17F	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2120301-17G	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2120301-17H	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-17J	Glass 500ml/16oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2120301-18A	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)
L2120301-18B	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)
L2120301-18C	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)
L2120301-18D	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-18E	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8081(7)
L2120301-18F	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8081(7)
L2120301-18G	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8082-LVI(7)
L2120301-18H	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8082-LVI(7)
L2120301-18J	Plastic 250ml unpreserved	D	7	7	4.7	Y	Absent		HEXCR-7196(1)
L2120301-18K	Plastic 250ml HNO3 preserved	D	<2	<2	4.7	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)

Project Name: 130 ST. FELIX STREET

Lab Number: L2120301

Project Number: 100842301

Report Date: 05/05/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2120301-18L	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8270-LVI(7)
L2120301-18M	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8270-LVI(7)
L2120301-18N	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2120301-18O	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2120301-18P	Amber 1000ml unpreserved	D	7	7	4.7	Y	Absent		HERB-APA(7)
L2120301-18Q	Amber 1000ml unpreserved	D	7	7	4.7	Y	Absent		HERB-APA(7)
L2120301-19A	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)
L2120301-19B	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)
L2120301-19C	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)
L2120301-19D	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2120301-19E	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8081(7)
L2120301-19F	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8081(7)
L2120301-19G	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8082-LVI(7)
L2120301-19H	Amber 120ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8082-LVI(7)
L2120301-19J	Plastic 250ml unpreserved	D	7	7	4.7	Y	Absent		HEXCR-7196(1)
L2120301-19K	Plastic 250ml HNO3 preserved	D	<2	<2	4.7	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2120301-19L	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8270-LVI(7)
L2120301-19M	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		NYTCL-8270-LVI(7)
L2120301-19N	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2120301-19O	Amber 250ml unpreserved	D	7	7	4.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2120301-19P	Amber 1000ml unpreserved	D	7	7	4.7	Y	Absent		HERB-APA(7)
L2120301-19Q	Amber 1000ml unpreserved	D	7	7	4.7	Y	Absent		HERB-APA(7)
L2120301-20A	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)
L2120301-20B	Vial HCl preserved	D	NA		4.7	Y	Absent		NYTCL-8260(14)

Project Name: 130 ST. FELIX STREET
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05052113:32
Lab Number: L2120301
Report Date: 05/05/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-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	PFEEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 130 ST. FELIX STREET
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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.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

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

Terms

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

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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 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.

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Data Qualifiers

- 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.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, 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, **LCHAT 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 JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07420: 33 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>4/21/21</u>		ALPHA Job # <u>L2120301</u>	
Westborough, MA 01581 8 Walker Dr. TEL: 508-898-0030 FAX: 508-898-0155		Mansfield, MA 02048 220 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>130 St. Felix Street</u> Project Location: <u>Roseton, NY</u> Project # <u>100 842 301</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> Full / Reduced <input checked="" type="checkbox"/> EQIS (1 File) <input type="checkbox"/> EQIS (4 File) <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> <u>DECEDD</u> <input checked="" type="checkbox"/> <u>ASPR</u>		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #	
Client Information Client: <u>LANCAN</u> Address: <u>300 Kinnear Dr</u> <u>FAIRFAX, NJ</u> Phone: <u>973 560 4900</u> Fax: <u>973 560 4999</u> Email: <u>A.Fairfax@lancan.com</u>		Project Manager: <u>Jessie Fina</u> ALPHA Quote #:		Regulatory Requirement <input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other		Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:			
Turn Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)			
For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2		For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011		Other project specific requirements/comments: Please specify Metals or TAL.		VOLs (EPA) <input checked="" type="checkbox"/> SVCS (EPA) <input checked="" type="checkbox"/> PCBs, HCBs <input checked="" type="checkbox"/> Pesticides <input checked="" type="checkbox"/> TAL Metals <input checked="" type="checkbox"/> Hex Chlors <input checked="" type="checkbox"/> PFAS <input checked="" type="checkbox"/> 1,4-Dioxane <input checked="" type="checkbox"/>		Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
20301 -01		LSBS-0-2		4/21/21 1000		S		TK	
-02		CBS-13-15		1001		↓		↓	
-03		SB4-0-2		1002		↓		↓	
-04		SB4-8-10		1003		↓		↓	
-05		SB3-0-2		1004		↓		↓	
-06		SB3-20-22		1005		↓		↓	
-07		SB3-13-15		1006		↓		↓	
-08		SB4-20-22		1007		↓		↓	
-09		SB2-0-2		1008		↓		↓	
-10		SB2-8-10		1009		↓		↓	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₈ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encase D = 800 Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative	
Relinquished By: <u>Tanya Henri / LANCAN</u>		Date/Time: <u>4/21/21</u>		Received By: <u>Howe...</u>		Date/Time: <u>4/21/21</u>			
<u>Mike...</u>		<u>4/21/21 18:40</u>		<u>...</u>		<u>4/21/21 20:20</u>			
<u>...</u>		<u>4/21/21 23:50</u>		<u>...</u>		<u>4/21/21 23:50</u>			

 NEW JERSEY CHAIN OF CUSTODY <small>Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9182</small> <small>Mansfield, MA 02048 220 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3266</small>	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 <u>2</u> of <u>2</u>	Date Rec'd in Lab <u>4/21/21</u>	ALPHA Job # <u>L2120301</u>																																																																																																																																																												
	Project Information Project Name: <u>130 St. Felix Street</u> Project Location: <u>Brockton, MA</u> Project # <u>100842301</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> Full / Reduced <input checked="" type="checkbox"/> EQuS (1 File) <input type="checkbox"/> EQuS (4 File) <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> DEC EDD <input checked="" type="checkbox"/> ASP B																																																																																																																																																													
Client Information Client: <u>LANGAN</u> Address: <u>300 Knappe Dr</u> <u>Pasadena, MA</u> Phone: <u>978 560 4900</u> Fax: <u>978 560 4997</u> Email: <u>A.Fascia@LANGAN.COM</u>		Regulatory Requirement <input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO#																																																																																																																																																												
Project Manager: <u>Jessica Fascia</u> ALPHAQuote #:		Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:																																																																																																																																																														
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2 For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011 Other project specific requirements/comments: Please specify Metals or TAL.																																																																																																																																																														
These samples have been previously analyzed by Alpha <input type="checkbox"/>	<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 rowspan="2">VOCs (EPA 8160 C)</th> <th rowspan="2">SVOCs (EPA 8160 A)</th> <th rowspan="2">PCBs, HeCS</th> <th rowspan="2">Pesticides</th> <th rowspan="2">TAL METALS</th> <th rowspan="2">HEX CITRUS</th> <th rowspan="2">PEAS</th> <th rowspan="2">1,4-Dioxane</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>20301 - 11</td> <td>LSB6-0-2</td> <td>4/21/21</td> <td>1010</td> <td>S</td> <td>TN</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 12</td> <td>LSB6-13-15</td> <td></td> <td>1010</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 13</td> <td>LSB7-0-2</td> <td></td> <td>1012</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 14</td> <td>LSB7-8-10</td> <td></td> <td>1013</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 15</td> <td>LSB1-0-2</td> <td></td> <td>1014</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 16</td> <td>LSB1-8-10</td> <td></td> <td>1015</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 17</td> <td>DVP01-042121</td> <td></td> <td>-</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 18</td> <td>FB01-042121</td> <td></td> <td>700</td> <td>AQ</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 19</td> <td>FB02-042121</td> <td></td> <td>800</td> <td>AQ</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>- 20</td> <td>FB01-042121</td> <td></td> <td>900</td> <td>AQ</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOCs (EPA 8160 C)	SVOCs (EPA 8160 A)	PCBs, HeCS	Pesticides	TAL METALS	HEX CITRUS	PEAS	1,4-Dioxane	Date	Time	20301 - 11	LSB6-0-2	4/21/21	1010	S	TN	X	X	X	X	X	X	X	X	- 12	LSB6-13-15		1010			X	X	X	X	X	X	X	X	- 13	LSB7-0-2		1012			X	X	X	X	X	X	X	X	- 14	LSB7-8-10		1013			X	X	X	X	X	X	X	X	- 15	LSB1-0-2		1014			X	X	X	X	X	X	X	X	- 16	LSB1-8-10		1015			X	X	X	X	X	X	X	X	- 17	DVP01-042121		-			X	X	X	X	X	X	X	X	- 18	FB01-042121		700	AQ		X	X	X	X	X	X	X	X	- 19	FB02-042121		800	AQ		X	X	X	X	X	X	X	X	- 20	FB01-042121		900	AQ		X	X	X	X	X	X	X	X	Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials											VOCs (EPA 8160 C)	SVOCs (EPA 8160 A)	PCBs, HeCS	Pesticides	TAL METALS	HEX CITRUS	PEAS	1,4-Dioxane																																																																																																																																								
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Container Type Preservative		Relinquished By: <u>Tom Nagon/Langan</u> Date/Time: <u>4/21/21 18:40</u> Received By: <u>[Signature]</u> Date/Time: <u>4/21/21 20:20</u> <u>[Signature]</u> Date/Time: <u>4/21/21 23:50</u>		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:	L2121015
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054-2172
ATTN:	Jessica Friscia
Phone:	(973) 560-4900
Project Name:	130 ST. FELIX STREET
Project Number:	100842301
Report Date:	05/10/21

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

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

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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2121015-01	021_LSB6_42-44	SOIL	BROOKLYN, NY	04/23/21 09:20	04/23/21
L2121015-02	022_LSB5_42-44	SOIL	BROOKLYN, NY	04/23/21 11:30	04/23/21
L2121015-03	023_LSB1_40-42	SOIL	BROOKLYN, NY	04/23/21 14:10	04/23/21
L2121015-04	024_EB01_042321	WATER	BROOKLYN, NY	04/23/21 14:30	04/23/21

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Case Narrative (continued)

Report Submission

May 10, 2021: This final report includes the results of all requested analyses.

May 04, 2021: This is a preliminary report.

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

Perfluorinated Alkyl Acids by Isotope Dilution

L2121015-01R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

L2121015-01R, -02, and -03: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Total Metals

L2121015-01, -02, and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1490896-1 Method Blank, associated with L2121015-01 through -03, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

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

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 05/10/21

ORGANICS

VOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/27/21 09:23
 Analyst: MV
 Percent Solids: 88%

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	0.16	1
Chloroform	0.22	J	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	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	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	4.5	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	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
Client ID: 021_LSB6_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
Date Received: 04/23/21
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	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	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	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
Client ID: 021_LSB6_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/27/21 09:49
 Analyst: MV
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
Client ID: 022_LSB5_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
Date Received: 04/23/21
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 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

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

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/27/21 10:15
 Analyst: MV
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	0.50	J	ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
Client ID: 023_LSB1_40-42
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
Client ID: 023_LSB1_40-42
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/27/21 06:22
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1491280-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/27/21 06:22
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1491280-5					
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	0.18	J	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 04/27/21 06:22
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1491280-5					
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	0.12	J	ug/kg	1.0	0.11
Naphthalene	0.65	J	ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.34	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	0.20	J	ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.19	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1491280-3 WG1491280-4								
Methylene chloride	100		95		70-130	5		30
1,1-Dichloroethane	101		98		70-130	3		30
Chloroform	115		111		70-130	4		30
Carbon tetrachloride	129		124		70-130	4		30
1,2-Dichloropropane	99		95		70-130	4		30
Dibromochloromethane	104		102		70-130	2		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	109		107		70-130	2		30
Chlorobenzene	102		99		70-130	3		30
Trichlorofluoromethane	117		114		70-139	3		30
1,2-Dichloroethane	111		107		70-130	4		30
1,1,1-Trichloroethane	121		119		70-130	2		30
Bromodichloromethane	120		116		70-130	3		30
trans-1,3-Dichloropropene	98		96		70-130	2		30
cis-1,3-Dichloropropene	98		95		70-130	3		30
1,1-Dichloropropene	113		111		70-130	2		30
Bromoform	102		101		70-130	1		30
1,1,2,2-Tetrachloroethane	99		99		70-130	0		30
Benzene	106		104		70-130	2		30
Toluene	100		97		70-130	3		30
Ethylbenzene	102		99		70-130	3		30
Chloromethane	92		86		52-130	7		30
Bromomethane	111		107		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1491280-3 WG1491280-4								
Vinyl chloride	99		94		67-130	5		30
Chloroethane	108		103		50-151	5		30
1,1-Dichloroethene	118		116		65-135	2		30
trans-1,2-Dichloroethene	114		112		70-130	2		30
Trichloroethene	113		109		70-130	4		30
1,2-Dichlorobenzene	105		101		70-130	4		30
1,3-Dichlorobenzene	105		102		70-130	3		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	112		108		66-130	4		30
p/m-Xylene	104		102		70-130	2		30
o-Xylene	104		100		70-130	4		30
cis-1,2-Dichloroethene	114		110		70-130	4		30
Dibromomethane	110		108		70-130	2		30
Styrene	106		104		70-130	2		30
Dichlorodifluoromethane	108		104		30-146	4		30
Acetone	79		77		54-140	3		30
Carbon disulfide	116		113		59-130	3		30
2-Butanone	78		75		70-130	4		30
Vinyl acetate	91		89		70-130	2		30
4-Methyl-2-pentanone	85		85		70-130	0		30
1,2,3-Trichloropropane	96		97		68-130	1		30
2-Hexanone	79		77		70-130	3		30
Bromochloromethane	119		116		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1491280-3 WG1491280-4								
2,2-Dichloropropane	119		117		70-130	2		30
1,2-Dibromoethane	96		96		70-130	0		30
1,3-Dichloropropane	99		97		69-130	2		30
1,1,1,2-Tetrachloroethane	100		99		70-130	1		30
Bromobenzene	106		103		70-130	3		30
n-Butylbenzene	100		99		70-130	1		30
sec-Butylbenzene	100		99		70-130	1		30
tert-Butylbenzene	103		101		70-130	2		30
o-Chlorotoluene	86		84		70-130	2		30
p-Chlorotoluene	103		101		70-130	2		30
1,2-Dibromo-3-chloropropane	92		90		68-130	2		30
Hexachlorobutadiene	108		106		67-130	2		30
Isopropylbenzene	104		102		70-130	2		30
p-Isopropyltoluene	103		102		70-130	1		30
Naphthalene	102		100		70-130	2		30
Acrylonitrile	89		88		70-130	1		30
n-Propylbenzene	100		98		70-130	2		30
1,2,3-Trichlorobenzene	102		99		70-130	3		30
1,2,4-Trichlorobenzene	108		104		70-130	4		30
1,3,5-Trimethylbenzene	103		102		70-130	1		30
1,2,4-Trimethylbenzene	106		103		70-130	3		30
1,4-Dioxane	102		105		65-136	3		30
p-Diethylbenzene	104		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1491280-3 WG1491280-4								
p-Ethyltoluene	105		102		70-130	3		30
1,2,4,5-Tetramethylbenzene	105		102		70-130	3		30
Ethyl ether	106		104		67-130	2		30
trans-1,4-Dichloro-2-butene	91		89		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	107		109		70-130

SEMIVOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/21 03:07
 Analyst: IM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 09:40

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	ND		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	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	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	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	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	69		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01 R
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 04/29/21 22:40
 Analyst: HT
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 04/27/21 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.525	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.525	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.263	0.041	1
Perfluorohexanoic Acid (PFHxA)	0.064	J	ng/g	0.525	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.263	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.263	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.263	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.525	0.189	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.525	0.143	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.263	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.263	0.137	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.263	0.070	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.525	0.302	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.525	0.212	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.525	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.525	0.161	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.525	0.103	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.525	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.525	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.525	0.215	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.525	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.263	0.044	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01 R
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	109		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	85		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	38		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/21 02:23
 Analyst: IM
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 09:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	74		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
Client ID: 022_LSB5_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/27/21 18:08
Analyst: RS
Percent Solids: 87%

Extraction Method: ALPHA 23528
Extraction Date: 04/27/21 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.512	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.512	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.256	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.062	J	ng/g	0.512	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.256	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.256	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.256	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.512	0.184	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.512	0.140	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.256	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.256	0.133	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.256	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.512	0.294	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.512	0.206	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.512	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.512	0.157	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.512	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.512	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.512	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.512	0.209	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.512	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.256	0.043	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	160	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	153	Q	74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	137		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	107		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	116		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	58		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	108		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/21 01:40
 Analyst: IM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 09:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	66		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
Client ID: 023_LSB1_40-42
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/27/21 18:24
Analyst: RS
Percent Solids: 86%

Extraction Method: ALPHA 23528
Extraction Date: 04/27/21 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.509	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.509	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.255	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.063	J	ng/g	0.509	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.255	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.255	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.255	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.509	0.183	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.509	0.139	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.255	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.255	0.132	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.255	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.509	0.292	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.509	0.205	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.509	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.509	0.156	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.509	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.509	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.509	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.509	0.208	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.509	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.255	0.043	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	153	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	144	Q	74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	111		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	128		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	106		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	53		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-04
Client ID: 024_EB01_042321
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:30
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/07/21 22:10
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/01/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.76	0.359	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.76	0.349	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.76	0.210	1
Perfluorohexanoic Acid (PFHxA)	0.363	J	ng/l	1.76	0.289	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.76	0.331	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.76	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.76	0.606	1
Perfluorononanoic Acid (PFNA)	0.303	JF	ng/l	1.76	0.275	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.76	0.444	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.76	0.268	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.76	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.571	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.76	0.229	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.863	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.511	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.76	0.708	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.76	0.328	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.288	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.218	1
PFOA/PFOS, Total	ND		ng/l	1.76	0.208	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-04
 Client ID: 024_EB01_042321
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	94		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	81		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	83		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/27/21 14:16
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 04/27/21 06:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1491047-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	0.063	JF	ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/27/21 14:16
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 04/27/21 06:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1491047-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	139		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	148		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/07/21 19:25
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/01/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04 Batch: WG1493159-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.412	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/07/21 19:25
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/01/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04 Batch: WG1493159-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	50		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	92		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	111		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	123		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 05/02/21 21:53
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/02/21 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1493417-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/21 21:53
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/02/21 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1493417-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 05/02/21 21:53
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/02/21 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1493417-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	94		18-120



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1491047-2								
Perfluorobutanoic Acid (PFBA)	106		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	108		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	113		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	100		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	106		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	105		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	126		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	107		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	110		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	121		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	116		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	121		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	106		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1491047-2									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	131				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	103				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	118				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	67				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 Batch: WG1493159-2								
Perfluorobutanoic Acid (PFBA)	120		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	123		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	113		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	122		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	132		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	121		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	128		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	127		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	117		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	133		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	139		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	122		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	112		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	121		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	119		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	144		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	132		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 Batch: WG1493159-2									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	93				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	44				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493417-2 WG1493417-3								
Acenaphthene	78		77		31-137	1		50
1,2,4-Trichlorobenzene	79		74		38-107	7		50
Hexachlorobenzene	73		72		40-140	1		50
Bis(2-chloroethyl)ether	80		74		40-140	8		50
2-Chloronaphthalene	78		75		40-140	4		50
1,2-Dichlorobenzene	75		71		40-140	5		50
1,3-Dichlorobenzene	74		71		40-140	4		50
1,4-Dichlorobenzene	75		71		28-104	5		50
3,3'-Dichlorobenzidine	73		79		40-140	8		50
2,4-Dinitrotoluene	82		81		40-132	1		50
2,6-Dinitrotoluene	83		83		40-140	0		50
Fluoranthene	81		80		40-140	1		50
4-Chlorophenyl phenyl ether	77		75		40-140	3		50
4-Bromophenyl phenyl ether	75		74		40-140	1		50
Bis(2-chloroisopropyl)ether	92		87		40-140	6		50
Bis(2-chloroethoxy)methane	83		80		40-117	4		50
Hexachlorobutadiene	69		66		40-140	4		50
Hexachlorocyclopentadiene	64		60		40-140	6		50
Hexachloroethane	72		69		40-140	4		50
Isophorone	81		78		40-140	4		50
Naphthalene	76		73		40-140	4		50
Nitrobenzene	83		78		40-140	6		50
NDPA/DPA	83		81		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493417-2 WG1493417-3								
n-Nitrosodi-n-propylamine	84		80		32-121	5		50
Bis(2-ethylhexyl)phthalate	88		88		40-140	0		50
Butyl benzyl phthalate	88		88		40-140	0		50
Di-n-butylphthalate	86		85		40-140	1		50
Di-n-octylphthalate	88		88		40-140	0		50
Diethyl phthalate	82		80		40-140	2		50
Dimethyl phthalate	81		79		40-140	3		50
Benzo(a)anthracene	78		78		40-140	0		50
Benzo(a)pyrene	79		78		40-140	1		50
Benzo(b)fluoranthene	78		78		40-140	0		50
Benzo(k)fluoranthene	77		78		40-140	1		50
Chrysene	76		77		40-140	1		50
Acenaphthylene	77		74		40-140	4		50
Anthracene	80		80		40-140	0		50
Benzo(ghi)perylene	76		77		40-140	1		50
Fluorene	81		79		40-140	3		50
Phenanthrene	78		78		40-140	0		50
Dibenzo(a,h)anthracene	81		82		40-140	1		50
Indeno(1,2,3-cd)pyrene	81		82		40-140	1		50
Pyrene	81		80		35-142	1		50
Biphenyl	80		76		37-127	5		50
4-Chloroaniline	80		77		40-140	4		50
2-Nitroaniline	85		81		47-134	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493417-2 WG1493417-3								
3-Nitroaniline	74		76		26-129	3		50
4-Nitroaniline	82		82		41-125	0		50
Dibenzofuran	77		76		40-140	1		50
2-Methylnaphthalene	79		76		40-140	4		50
1,2,4,5-Tetrachlorobenzene	73		70		40-117	4		50
Acetophenone	85		80		14-144	6		50
2,4,6-Trichlorophenol	82		80		30-130	2		50
p-Chloro-m-cresol	84		83		26-103	1		50
2-Chlorophenol	85		80		25-102	6		50
2,4-Dichlorophenol	86		83		30-130	4		50
2,4-Dimethylphenol	87		84		30-130	4		50
2-Nitrophenol	84		79		30-130	6		50
4-Nitrophenol	83		80		11-114	4		50
2,4-Dinitrophenol	61		69		4-130	12		50
4,6-Dinitro-o-cresol	76		78		10-130	3		50
Pentachlorophenol	82		78		17-109	5		50
Phenol	90		86		26-90	5		50
2-Methylphenol	89		85		30-130.	5		50
3-Methylphenol/4-Methylphenol	90		84		30-130	7		50
2,4,5-Trichlorophenol	82		81		30-130	1		50
Benzoic Acid	62		64		10-110	3		50
Benzyl Alcohol	88		84		40-140	5		50
Carbazole	83		82		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493417-2 WG1493417-3								
1,4-Dioxane	58		57		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		77		25-120
Phenol-d6	84		80		10-120
Nitrobenzene-d5	81		77		23-120
2-Fluorobiphenyl	77		73		30-120
2,4,6-Tribromophenol	74		71		10-136
4-Terphenyl-d14	82		79		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491047-3 QC Sample: L2119302-08 Client ID: MS Sample												
Perfluorooctanesulfonamide (FOSA)	ND	5.12	4.85F	95		-	-		67-137	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	7	Q			10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1493159-3 QC Sample: L2120800-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	52.1	36.6	95.3	118		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	62.8	36.6	109	126		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	24.3	32.5	62.8	118		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	34.3	49.5	144		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	58.2	36.6	102	120		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	2.13	34.4	39.6	109		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	36.6	36.6	80.7	120		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	14.9	33.5	53.1	114		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	104	36.6	147	117		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.9	48.8	140		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	1.09J	34.9	46.3	130		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	2.94	36.6	50.4	130		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	22.0	34	64.2	124		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	0.333J	36.6	46.6	126		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.2	45.9	130		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	35.2	40.9	116		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.6	43.2	118		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.6	41.5	113		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.3	40.3	114		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	36.6	39.2F	107		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.6	42.2	115		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	36.6	42.9	117		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1493159-3 QC Sample: L2120800-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTTrDA)	ND	36.6	59.7	163	Q	-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTTA)	ND	36.6	42.2	115		-	-		59-182	-		30

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	158	Q			12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	114				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUOA)	87				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	136				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	89				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491047-4 QC Sample: L2119302-09 Client ID: DUP Sample						
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10		49		10-117



Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1493159-4 QC Sample: L2120800-02 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	32.2	32.7	ng/l	2		30
Perfluoropentanoic Acid (PFPeA)	86.9	87.0	ng/l	0		30
Perfluorobutanesulfonic Acid (PFBS)	7.58	7.09	ng/l	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	94.6	95.0	ng/l	0		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	26.8	27.1	ng/l	1		30
Perfluorohexanesulfonic Acid (PFHxS)	1.57J	2.12	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	26.2	26.3	ng/l	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	2.41	2.57	ng/l	6		30
Perfluorooctanesulfonic Acid (PFOS)	8.69	9.45	ng/l	8		30
Perfluorodecanoic Acid (PFDA)	0.430J	0.407J	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	0.696J	0.817J	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1493159-4 QC Sample: L2120800-02 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		79		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	64		64		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	72		72		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	127		121		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	52	Q	52	Q	57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	68		67		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		113		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		75		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		78		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		73		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97		101		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		50		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	68		70		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		30		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		57		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	63		70		48-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1493159-4 QC Sample: L2120800-02 Client ID: DUP Sample						

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		71		22-136



PCBS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
Client ID: 021_LSB6_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/21 11:21
Analyst: CW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/03/21 11:20
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	3.18	1	A
Aroclor 1221	ND		ug/kg	35.8	3.58	1	A
Aroclor 1232	ND		ug/kg	35.8	7.58	1	A
Aroclor 1242	ND		ug/kg	35.8	4.82	1	A
Aroclor 1248	ND		ug/kg	35.8	5.37	1	A
Aroclor 1254	ND		ug/kg	35.8	3.91	1	A
Aroclor 1260	ND		ug/kg	35.8	6.61	1	A
Aroclor 1262	ND		ug/kg	35.8	4.54	1	A
Aroclor 1268	ND		ug/kg	35.8	3.71	1	A
PCBs, Total	ND		ug/kg	35.8	3.18	1	A

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

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/04/21 11:28
 Analyst: CW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 11:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/04/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.37	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.05	1	A
Aroclor 1242	ND		ug/kg	38.0	5.12	1	A
Aroclor 1248	ND		ug/kg	38.0	5.70	1	A
Aroclor 1254	ND		ug/kg	38.0	4.16	1	A
Aroclor 1260	ND		ug/kg	38.0	7.02	1	A
Aroclor 1262	ND		ug/kg	38.0	4.82	1	A
Aroclor 1268	ND		ug/kg	38.0	3.94	1	A
PCBs, Total	ND		ug/kg	38.0	3.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	61		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/04/21 11:35
 Analyst: CW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 11:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/04/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.76	1	A
Aroclor 1232	ND		ug/kg	37.5	7.95	1	A
Aroclor 1242	ND		ug/kg	37.5	5.05	1	A
Aroclor 1248	ND		ug/kg	37.5	5.62	1	A
Aroclor 1254	ND		ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.93	1	A
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.88	1	A
PCBs, Total	ND		ug/kg	37.5	3.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/03/21 20:45
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 05/03/21 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1493545-1						
Aroclor 1016	ND		ug/kg	31.7	2.82	A
Aroclor 1221	ND		ug/kg	31.7	3.18	A
Aroclor 1232	ND		ug/kg	31.7	6.72	A
Aroclor 1242	ND		ug/kg	31.7	4.28	A
Aroclor 1248	ND		ug/kg	31.7	4.76	A
Aroclor 1254	ND		ug/kg	31.7	3.47	A
Aroclor 1260	ND		ug/kg	31.7	5.86	A
Aroclor 1262	ND		ug/kg	31.7	4.03	A
Aroclor 1268	ND		ug/kg	31.7	3.29	A
PCBs, Total	ND		ug/kg	31.7	2.82	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	56		30-150	B
Decachlorobiphenyl	54		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1493545-2 WG1493545-3									
Aroclor 1016	69		73		40-140	6		50	A
Aroclor 1260	62		65		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		69		30-150	A
Decachlorobiphenyl	52		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		61		30-150	B
Decachlorobiphenyl	49		52		30-150	B

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Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/04/21 11:25
 Analyst: AR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 08:27
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.900	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.12	0.563	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A
trans-Chlordane	ND		ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 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	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/01/21 21:37
 Analyst: AR
 Percent Solids: 88%
 Methylation Date: 04/30/21 22:52

Extraction Method: EPA 8151A
 Extraction Date: 04/29/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	93		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/04/21 11:36
 Analyst: AR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 08:27
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.749	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.641	1	A
4,4'-DDT	ND		ug/kg	3.37	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	ND		ug/kg	2.25	0.626	1	A
trans-Chlordane	ND		ug/kg	2.25	0.593	1	A
Chlordane	ND		ug/kg	15.0	5.95	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 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	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/01/21 21:56
 Analyst: AR
 Percent Solids: 87%
 Methylation Date: 04/30/21 22:52

Extraction Method: EPA 8151A
 Extraction Date: 04/29/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.81	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	74		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/04/21 11:47
 Analyst: AR
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 08:27
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.359	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.411	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.803	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	ND		ug/kg	1.84	0.424	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	ND		ug/kg	3.44	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND		ug/kg	2.29	0.639	1	A
trans-Chlordane	ND		ug/kg	2.29	0.606	1	A
Chlordane	ND		ug/kg	15.3	6.08	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/01/21 22:14
 Analyst: AR
 Percent Solids: 86%
 Methylation Date: 04/30/21 22:52

Extraction Method: EPA 8151A
 Extraction Date: 04/29/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	78		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 04/30/21 14:58
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 04/29/21 11:47

Methylation Date: 04/30/21 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1492317-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	62		30-150	A
DCAA	56		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/04/21 09:00
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 05/03/21 04:39
Cleanup Method: EPA 3620B
Cleanup Date: 05/03/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1493516-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.188	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.793	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.991	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	2.97	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.530	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.925	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	13.2	5.25	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 05/04/21 09:00
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 04:39
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1493516-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1492317-2 WG1492317-3									
2,4-D	88		82		30-150	7		30	A
2,4,5-T	74		67		30-150	10		30	A
2,4,5-TP (Silvex)	69		62		30-150	11		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	69		59		30-150	A
DCAA	66		56		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1493516-2 WG1493516-3									
Delta-BHC	60		65		30-150	8		30	A
Lindane	60		64		30-150	6		30	A
Alpha-BHC	60		68		30-150	13		30	A
Beta-BHC	73		75		30-150	3		30	A
Heptachlor	56		60		30-150	7		30	A
Aldrin	56		60		30-150	7		30	A
Heptachlor epoxide	53		50		30-150	6		30	A
Endrin	53		58		30-150	9		30	A
Endrin aldehyde	43		41		30-150	5		30	A
Endrin ketone	54		52		30-150	4		30	A
Dieldrin	55		58		30-150	5		30	A
4,4'-DDE	51		56		30-150	9		30	A
4,4'-DDD	55		60		30-150	9		30	A
4,4'-DDT	53		59		30-150	11		30	A
Endosulfan I	54		54		30-150	0		30	A
Endosulfan II	59		62		30-150	5		30	A
Endosulfan sulfate	40		38		30-150	5		30	A
Methoxychlor	60		63		30-150	5		30	A
cis-Chlordane	56		62		30-150	10		30	A
trans-Chlordane	61		61		30-150	0		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1493516-2 WG1493516-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	47		51		30-150	A
Decachlorobiphenyl	42		46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		52		30-150	B
Decachlorobiphenyl	56		56		30-150	B



METALS

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
 Client ID: 021_LSB6_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1610		mg/kg	8.74	2.36	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.37	0.332	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Arsenic, Total	0.454	J	mg/kg	0.874	0.182	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Barium, Total	13.1		mg/kg	0.874	0.152	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Beryllium, Total	0.122	J	mg/kg	0.437	0.029	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Cadmium, Total	0.140	J	mg/kg	0.874	0.086	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Calcium, Total	3820		mg/kg	8.74	3.06	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Chromium, Total	4.78		mg/kg	0.874	0.084	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Cobalt, Total	1.88		mg/kg	1.75	0.145	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Copper, Total	4.97		mg/kg	0.874	0.225	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Iron, Total	4680		mg/kg	4.37	0.789	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Lead, Total	2.28	J	mg/kg	4.37	0.234	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Magnesium, Total	1820		mg/kg	8.74	1.34	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Manganese, Total	132		mg/kg	0.874	0.139	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.074	0.048	1	04/27/21 13:38	04/27/21 19:17	EPA 7471B	1,7471B	OU
Nickel, Total	6.33		mg/kg	2.18	0.211	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Potassium, Total	278		mg/kg	218	12.6	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.75	0.225	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.874	0.247	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Sodium, Total	39.4	J	mg/kg	175	2.75	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.75	0.275	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Vanadium, Total	6.06		mg/kg	0.874	0.177	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
Zinc, Total	10.3		mg/kg	4.37	0.256	2	04/27/21 13:33	04/28/21 19:21	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	4.6	J	mg/kg	0.91	0.91	1		04/28/21 19:21	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
 Client ID: 022_LSB5_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2010		mg/kg	8.94	2.42	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.47	0.340	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Arsenic, Total	0.733	J	mg/kg	0.894	0.186	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Barium, Total	14.3		mg/kg	0.894	0.156	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Beryllium, Total	0.125	J	mg/kg	0.447	0.030	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Cadmium, Total	0.188	J	mg/kg	0.894	0.088	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Calcium, Total	5000		mg/kg	8.94	3.13	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Chromium, Total	5.05		mg/kg	0.894	0.086	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Cobalt, Total	2.67		mg/kg	1.79	0.148	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Copper, Total	5.22		mg/kg	0.894	0.231	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Iron, Total	6720		mg/kg	4.47	0.808	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Lead, Total	2.82	J	mg/kg	4.47	0.240	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Magnesium, Total	2250		mg/kg	8.94	1.38	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Manganese, Total	155		mg/kg	0.894	0.142	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.075	0.049	1	04/27/21 13:38	04/27/21 19:20	EPA 7471B	1,7471B	OU
Nickel, Total	6.11		mg/kg	2.24	0.216	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Potassium, Total	290		mg/kg	224	12.9	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.79	0.231	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.894	0.253	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Sodium, Total	54.4	J	mg/kg	179	2.82	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.79	0.282	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Vanadium, Total	8.80		mg/kg	0.894	0.182	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
Zinc, Total	13.4		mg/kg	4.47	0.262	2	04/27/21 13:33	04/28/21 19:59	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	5.0		mg/kg	0.92	0.92	1		04/28/21 19:59	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
 Client ID: 023_LSB1_40-42
 Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
 Date Received: 04/23/21
 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	1760		mg/kg	8.90	2.40	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.45	0.338	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Arsenic, Total	0.578	J	mg/kg	0.890	0.185	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Barium, Total	18.1		mg/kg	0.890	0.155	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Beryllium, Total	0.116	J	mg/kg	0.445	0.029	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Cadmium, Total	0.151	J	mg/kg	0.890	0.087	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Calcium, Total	4390		mg/kg	8.90	3.11	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Chromium, Total	5.20		mg/kg	0.890	0.085	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Cobalt, Total	2.23		mg/kg	1.78	0.148	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Copper, Total	5.74		mg/kg	0.890	0.230	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Iron, Total	5300		mg/kg	4.45	0.804	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Lead, Total	2.77	J	mg/kg	4.45	0.238	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Magnesium, Total	1700		mg/kg	8.90	1.37	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Manganese, Total	149		mg/kg	0.890	0.142	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.076	0.049	1	04/27/21 13:38	04/27/21 19:24	EPA 7471B	1,7471B	OU
Nickel, Total	5.85		mg/kg	2.22	0.215	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Potassium, Total	294		mg/kg	222	12.8	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.78	0.230	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.890	0.252	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Sodium, Total	60.1	J	mg/kg	178	2.80	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.78	0.280	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Vanadium, Total	5.97		mg/kg	0.890	0.181	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
Zinc, Total	12.8		mg/kg	4.45	0.261	2	04/27/21 13:33	04/28/21 20:04	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	5.2		mg/kg	0.93	0.93	1		04/28/21 20:04	NA	107,-	



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1490896-1										
Aluminum, Total	1.57	J	mg/kg	4.00	1.08	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Beryllium, Total	0.032	J	mg/kg	0.200	0.013	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Calcium, Total	3.42	J	mg/kg	4.00	1.40	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Chromium, Total	0.056	J	mg/kg	0.400	0.038	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Iron, Total	3.89		mg/kg	2.00	0.361	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Magnesium, Total	0.684	J	mg/kg	4.00	0.616	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Manganese, Total	0.264	J	mg/kg	0.400	0.064	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Sodium, Total	5.63	J	mg/kg	80.0	1.26	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Thallium, Total	0.144	J	mg/kg	0.800	0.126	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/27/21 13:33	04/28/21 09:59	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1490897-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/27/21 13:38	04/27/21 18:37	1,7471B	OU



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1490896-2 SRM Lot Number: D109-540								
Aluminum, Total	67		-		50-150	-		
Antimony, Total	192		-		19-250	-		
Arsenic, Total	110		-		70-130	-		
Barium, Total	100		-		75-125	-		
Beryllium, Total	107		-		75-125	-		
Cadmium, Total	109		-		75-125	-		
Calcium, Total	102		-		73-128	-		
Chromium, Total	101		-		70-130	-		
Cobalt, Total	107		-		75-125	-		
Copper, Total	111		-		75-125	-		
Iron, Total	95		-		35-165	-		
Lead, Total	103		-		72-128	-		
Magnesium, Total	85		-		62-138	-		
Manganese, Total	101		-		74-126	-		
Nickel, Total	107		-		70-130	-		
Potassium, Total	84		-		59-141	-		
Selenium, Total	105		-		68-132	-		
Silver, Total	108		-		68-131	-		
Sodium, Total	93		-		35-165	-		
Thallium, Total	103		-		68-131	-		
Vanadium, Total	92		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1490896-2 SRM Lot Number: D109-540					
Zinc, Total	104	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1490897-2 SRM Lot Number: D109-540					
Mercury, Total	92	-	60-140	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490896-3 QC Sample: L2120904-02 Client ID: MS Sample												
Aluminum, Total	6240	175	7850	922	Q	-	-		75-125	-		20
Antimony, Total	2.94J	43.6	48.2	110		-	-		75-125	-		20
Arsenic, Total	3.29	10.5	13.6	98		-	-		75-125	-		20
Barium, Total	118	175	304	106		-	-		75-125	-		20
Beryllium, Total	0.653	4.36	4.78	94		-	-		75-125	-		20
Cadmium, Total	1.38	4.45	5.63	95		-	-		75-125	-		20
Calcium, Total	16700	873	14600	0	Q	-	-		75-125	-		20
Chromium, Total	31.1	17.5	53.2	126	Q	-	-		75-125	-		20
Cobalt, Total	14.4	43.6	62.0	109		-	-		75-125	-		20
Copper, Total	236	21.8	566	1510	Q	-	-		75-125	-		20
Iron, Total	17800	87.3	21800	4580	Q	-	-		75-125	-		20
Lead, Total	244	44.5	491	555	Q	-	-		75-125	-		20
Magnesium, Total	2550	873	3580	118		-	-		75-125	-		20
Manganese, Total	298	43.6	343	103		-	-		75-125	-		20
Nickel, Total	56.9	43.6	510	1040	Q	-	-		75-125	-		20
Potassium, Total	883	873	1830	108		-	-		75-125	-		20
Selenium, Total	0.488J	10.5	10.2	97		-	-		75-125	-		20
Silver, Total	0.366J	26.2	25.8	98		-	-		75-125	-		20
Sodium, Total	272	873	1170	103		-	-		75-125	-		20
Thallium, Total	0.322J	10.5	9.09	87		-	-		75-125	-		20
Vanadium, Total	18.2	43.6	59.4	94		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490896-3 QC Sample: L2120904-02 Client ID: MS Sample									
Zinc, Total	2610	43.6	4650	4670	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490897-3 QC Sample: L2120904-02 Client ID: MS Sample									
Mercury, Total	0.179	0.145	0.372	133	Q	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490896-4 QC Sample: L2120904-02 Client ID: DUP Sample						
Aluminum, Total	6240	6540	mg/kg	5		20
Antimony, Total	2.94J	2.11J	mg/kg	NC		20
Arsenic, Total	3.29	3.58	mg/kg	8		20
Barium, Total	118	127	mg/kg	7		20
Beryllium, Total	0.653	0.522	mg/kg	22	Q	20
Cadmium, Total	1.38	1.22	mg/kg	12		20
Calcium, Total	16700	20900	mg/kg	22	Q	20
Chromium, Total	31.1	28.1	mg/kg	10		20
Cobalt, Total	14.4	16.0	mg/kg	11		20
Copper, Total	236	230	mg/kg	3		20
Iron, Total	17800	17500	mg/kg	2		20
Lead, Total	244	270	mg/kg	10		20
Magnesium, Total	2550	2790	mg/kg	9		20
Manganese, Total	298	318	mg/kg	6		20
Nickel, Total	56.9	49.8	mg/kg	13		20
Potassium, Total	883	949	mg/kg	7		20
Selenium, Total	0.488J	0.345J	mg/kg	NC		20
Silver, Total	0.366J	0.381J	mg/kg	NC		20
Sodium, Total	272	245	mg/kg	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490896-4 QC Sample: L2120904-02 Client ID: DUP Sample					
Thallium, Total	0.322J	0.336J	mg/kg	NC	20
Vanadium, Total	18.2	19.0	mg/kg	4	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490896-4 QC Sample: L2120904-02 Client ID: DUP Sample					
Zinc, Total	2610	2540	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490897-4 QC Sample: L2120904-02 Client ID: DUP Sample					
Mercury, Total	0.179	0.244	mg/kg	31	Q 20

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2121015

Report Date: 05/10/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490896-6 QC Sample: L2120904-02 Client ID: DUP Sample						
Aluminum, Total	6240	6790	mg/kg	9		20
Barium, Total	118	132	mg/kg	12		20
Calcium, Total	16700	18400	mg/kg	10		20
Chromium, Total	31.1	36.6	mg/kg	18		20
Copper, Total	236	271	mg/kg	15		20
Iron, Total	17800	21000	mg/kg	18		20
Lead, Total	244	301	mg/kg	23	Q	20
Magnesium, Total	2550	3050	mg/kg	20		20
Manganese, Total	298	316	mg/kg	6		20
Nickel, Total	56.9	69.8	mg/kg	23	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1490896-6 QC Sample: L2120904-02 Client ID: DUP Sample						
Zinc, Total	2610	2530	mg/kg	3		20

INORGANICS & MISCELLANEOUS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-01
Client ID: 021_LSB6_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 09:20
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	04/24/21 11:16	121,2540G	RI
Chromium, Hexavalent	0.228	J	mg/kg	0.910	0.182	1	04/26/21 14:39	04/27/21 09:15	1,7196A	JT



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-02
Client ID: 022_LSB5_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 11:30
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	04/24/21 11:16	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.924	0.185	1	04/26/21 14:39	04/27/21 09:15	1,7196A	JT



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121015-03
Client ID: 023_LSB1_40-42
Sample Location: BROOKLYN, NY

Date Collected: 04/23/21 14:10
Date Received: 04/23/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	04/24/21 11:16	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.927	0.185	1	04/26/21 14:39	04/27/21 09:16	1,7196A	JT



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1490693-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	04/26/21 14:39	04/27/21 08:50	1,7196A	JT



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1490693-2								
Chromium, Hexavalent	109		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121015

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1490693-4 QC Sample: L2121015-02 Client ID: 022_LSB5_42-44												
Chromium, Hexavalent	ND	926	1060	115	-	-	-	-	75-125	-	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121015

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1490216-1 QC Sample: L2120836-01 Client ID: DUP Sample						
Solids, Total	91.9	91.9	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1490693-6 QC Sample: L2121015-02 Client ID: 022_LSB5_42-44						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05102112:02
Lab Number: L2121015
Report Date: 05/10/21

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(*)
L2121015-01A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW(14)
L2121015-01B	Vial water preserved	A	NA		5.6	Y	Absent	24-APR-21 10:30	NYTCL-8260HLW(14)
L2121015-01C	Vial water preserved	A	NA		5.6	Y	Absent	24-APR-21 10:30	NYTCL-8260HLW(14)
L2121015-01D	Plastic 120ml unpreserved	A	NA		5.6	Y	Absent		TS(7)
L2121015-01E	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2121015-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	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),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2121015-01G	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121015-01H	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121015-01J	Glass 500ml/16oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121015-02A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW(14)
L2121015-02B	Vial water preserved	A	NA		5.6	Y	Absent	24-APR-21 10:30	NYTCL-8260HLW(14)
L2121015-02C	Vial water preserved	A	NA		5.6	Y	Absent	24-APR-21 10:30	NYTCL-8260HLW(14)
L2121015-02D	Plastic 120ml unpreserved	A	NA		5.6	Y	Absent		TS(7)
L2121015-02E	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2121015-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2121015-02G	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121015-02H	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05102112:02
Lab Number: L2121015
Report Date: 05/10/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2121015-02J	Glass 500ml/16oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121015-03A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW(14)
L2121015-03B	Vial water preserved	A	NA		5.6	Y	Absent	24-APR-21 10:30	NYTCL-8260HLW(14)
L2121015-03C	Vial water preserved	A	NA		5.6	Y	Absent	24-APR-21 10:30	NYTCL-8260HLW(14)
L2121015-03D	Plastic 120ml unpreserved	A	NA		5.6	Y	Absent		TS(7)
L2121015-03E	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2121015-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2121015-03G	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121015-03H	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121015-03J	Glass 500ml/16oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121015-04A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05102112:02
Lab Number: L2121015
Report Date: 05/10/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-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	PFEEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

Data Qualifiers

- 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.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121015
Report Date: 05/10/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, 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, **LCHAT 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.

 ALPHA <small>LABORATORY</small>	NEW JERSEY CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 21 Whiting Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 101	Page	Date Rec'd In Lab	ALPHA Job #
			1 of 1	04/24/21	L2121015
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9182	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3088	Project Information		Deliverables	
Client Information Client: LANGAN Address: 300 Kimball Drive Parsippany, NJ Phone: 973-560-4900 Fax: 973-560-4999 Email: JFRISCIANO@LANGAN.COM		Project Name: 130 St. Felix Street Project Location: Brooklyn, NY Project # 100 R42301 (Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> NJ Full / Reduced <input checked="" type="checkbox"/> EQUS (1 File) <input type="checkbox"/> EQUS (4 Files) <input checked="" type="checkbox"/> Other DECEOD NASSB	
Project Manager: Jessica Friscia ALPHA Quote #: Turn-Around Time: Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement		Billing Information	
These samples have been previously analyzed by Alpha <input type="checkbox"/>		For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2		For VDC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011	
Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS		Sample Filtration	
ALPHA Lab ID (Lab Use Only):		Sample ID		Collection Date Time	
Sample Matrix		Sampler's Initials		Sample Specific Comments	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₈ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015	
Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:	
Date/Time		Date/Time		Date/Time	
Signature		Signature		Signature	



ANALYTICAL REPORT

Lab Number:	L2121234
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054-2172
ATTN:	Jessica Friscia
Phone:	(973) 560-4488
Project Name:	130 ST. FELIX STREET
Project Number:	100842301
Report Date:	05/10/21

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

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

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



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2121234-01	025_LSB2_42-44	SOIL	BROOKLYN, NY	04/26/21 10:40	04/26/21
L2121234-02	026_DUP2	SOIL	BROOKLYN, NY	04/26/21 10:50	04/26/21
L2121234-03	027_LSB7_42-44	SOIL	BROOKLYN, NY	04/26/21 12:25	04/26/21
L2121234-04	028_TB02_042621	WATER	BROOKLYN, NY	04/26/21 12:30	04/26/21
L2121234-05	029_EB02_042621	WATER	BROOKLYN, NY	04/26/21 14:30	04/26/21
L2121234-06	FIELD BLANK	WATER	BROOKLYN, NY	04/26/21 00:00	04/26/21

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Case Narrative (continued)

Report Submission

May 10, 2021: This final report includes the results of all requested analyses.

May 06, 2021: This is a preliminary report.

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

Sample Receipt

L2121234-06: A sample identified as "FIELD BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was not analyzed.

Total Metals

L2121234-01, -02, and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1491293-3/-4 MS/MSD recoveries for aluminum (364%/238%) and iron (845%/782%), performed on L2121234-03, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1491293-3/-4 MS/MSD recoveries, performed on L2121234-03, are outside the acceptance criteria for calcium (189%/168%), magnesium (142%/226%) and manganese (155%/163%). A post digestion spike was performed and was within acceptance criteria.

The WG1491293-3/-4 MSD RPD for nickel (21%), performed on L2121234-03, 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: 05/10/21

ORGANICS

VOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/29/21 11:49
 Analyst: AJK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	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	0.24	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	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	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	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
Client ID: 025_LSB2_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	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	0.53	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 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	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/29/21 12:15
 Analyst: AJK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.23	J	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
Client ID: 026_DUP2
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles 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	ND		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/29/21 12:40
 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	0.34	J	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	0.74	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	0.12	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	0.18	1
Benzene	ND		ug/kg	0.53	0.18	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	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
Client ID: 027_LSB7_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
Date Received: 04/26/21
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	0.97	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.4	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	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	0.30	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	1.0	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	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
Client ID: 027_LSB7_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
Date Received: 04/26/21
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	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-04
 Client ID: 028_TB02_042621
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:30
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/28/21 21:06
 Analyst: MKS

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
1,1,1,2,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-04
Client ID: 028_TB02_042621
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:30
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-04
 Client ID: 028_TB02_042621
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:30
 Date Received: 04/26/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	108		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 04/29/21 09:40
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1492294-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/29/21 09:40
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1492294-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/29/21 09:40
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1492294-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/28/21 20:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1492511-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/28/21 20:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1492511-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/28/21 20:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1492511-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1492294-3 WG1492294-4								
Methylene chloride	96		96		70-130	0		30
1,1-Dichloroethane	96		97		70-130	1		30
Chloroform	110		113		70-130	3		30
Carbon tetrachloride	118		120		70-130	2		30
1,2-Dichloropropane	93		93		70-130	0		30
Dibromochloromethane	101		101		70-130	0		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	104		105		70-130	1		30
Chlorobenzene	97		100		70-130	3		30
Trichlorofluoromethane	109		109		70-139	0		30
1,2-Dichloroethane	103		104		70-130	1		30
1,1,1-Trichloroethane	117		116		70-130	1		30
Bromodichloromethane	116		116		70-130	0		30
trans-1,3-Dichloropropene	92		94		70-130	2		30
cis-1,3-Dichloropropene	94		96		70-130	2		30
1,1-Dichloropropene	107		108		70-130	1		30
Bromoform	100		98		70-130	2		30
1,1,2,2-Tetrachloroethane	95		92		70-130	3		30
Benzene	103		103		70-130	0		30
Toluene	96		98		70-130	2		30
Ethylbenzene	97		99		70-130	2		30
Chloromethane	81		78		52-130	4		30
Bromomethane	108		105		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1492294-3 WG1492294-4								
Vinyl chloride	91		89		67-130	2		30
Chloroethane	102		101		50-151	1		30
1,1-Dichloroethene	114		113		65-135	1		30
trans-1,2-Dichloroethene	110		112		70-130	2		30
Trichloroethene	111		111		70-130	0		30
1,2-Dichlorobenzene	100		98		70-130	2		30
1,3-Dichlorobenzene	100		101		70-130	1		30
1,4-Dichlorobenzene	98		100		70-130	2		30
Methyl tert butyl ether	106		106		66-130	0		30
p/m-Xylene	100		102		70-130	2		30
o-Xylene	99		101		70-130	2		30
cis-1,2-Dichloroethene	111		113		70-130	2		30
Dibromomethane	104		106		70-130	2		30
Styrene	102		104		70-130	2		30
Dichlorodifluoromethane	98		96		30-146	2		30
Acetone	68		65		54-140	5		30
Carbon disulfide	110		111		59-130	1		30
2-Butanone	69	Q	63	Q	70-130	9		30
Vinyl acetate	80		78		70-130	3		30
4-Methyl-2-pentanone	80		76		70-130	5		30
1,2,3-Trichloropropane	91		90		68-130	1		30
2-Hexanone	70		67	Q	70-130	4		30
Bromochloromethane	118		118		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1492294-3 WG1492294-4								
2,2-Dichloropropane	113		114		70-130	1		30
1,2-Dibromoethane	93		93		70-130	0		30
1,3-Dichloropropane	95		94		69-130	1		30
1,1,1,2-Tetrachloroethane	95		97		70-130	2		30
Bromobenzene	103		104		70-130	1		30
n-Butylbenzene	95		95		70-130	0		30
sec-Butylbenzene	96		95		70-130	1		30
tert-Butylbenzene	99		99		70-130	0		30
o-Chlorotoluene	84		83		70-130	1		30
p-Chlorotoluene	98		100		70-130	2		30
1,2-Dibromo-3-chloropropane	87		83		68-130	5		30
Hexachlorobutadiene	102		102		67-130	0		30
Isopropylbenzene	99		100		70-130	1		30
p-Isopropyltoluene	98		98		70-130	0		30
Naphthalene	94		92		70-130	2		30
Acrylonitrile	76		74		70-130	3		30
n-Propylbenzene	96		96		70-130	0		30
1,2,3-Trichlorobenzene	94		94		70-130	0		30
1,2,4-Trichlorobenzene	102		100		70-130	2		30
1,3,5-Trimethylbenzene	100		100		70-130	0		30
1,2,4-Trimethylbenzene	102		102		70-130	0		30
1,4-Dioxane	94		88		65-136	7		30
p-Diethylbenzene	98		98		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1492294-3 WG1492294-4								
p-Ethyltoluene	100		101		70-130	1		30
1,2,4,5-Tetramethylbenzene	99		100		70-130	1		30
Ethyl ether	103		102		67-130	1		30
trans-1,4-Dichloro-2-butene	84		81		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1492511-3 WG1492511-4								
Methylene chloride	88		89		70-130	1		20
1,1-Dichloroethane	90		91		70-130	1		20
Chloroform	83		84		70-130	1		20
Carbon tetrachloride	83		85		63-132	2		20
1,2-Dichloropropane	90		93		70-130	3		20
Dibromochloromethane	85		83		63-130	2		20
1,1,2-Trichloroethane	83		83		70-130	0		20
Tetrachloroethene	86		84		70-130	2		20
Chlorobenzene	86		85		75-130	1		20
Trichlorofluoromethane	83		84		62-150	1		20
1,2-Dichloroethane	81		81		70-130	0		20
1,1,1-Trichloroethane	84		85		67-130	1		20
Bromodichloromethane	82		85		67-130	4		20
trans-1,3-Dichloropropene	70		69	Q	70-130	1		20
cis-1,3-Dichloropropene	80		81		70-130	1		20
1,1-Dichloropropene	82		80		70-130	2		20
Bromoform	77		79		54-136	3		20
1,1,2,2-Tetrachloroethane	85		84		67-130	1		20
Benzene	83		83		70-130	0		20
Toluene	83		82		70-130	1		20
Ethylbenzene	83		82		70-130	1		20
Chloromethane	82		83		64-130	1		20
Bromomethane	79		80		39-139	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1492511-3 WG1492511-4								
Vinyl chloride	90		89		55-140	1		20
Chloroethane	90		89		55-138	1		20
1,1-Dichloroethene	95		97		61-145	2		20
trans-1,2-Dichloroethene	91		94		70-130	3		20
Trichloroethene	82		81		70-130	1		20
1,2-Dichlorobenzene	85		87		70-130	2		20
1,3-Dichlorobenzene	83		85		70-130	2		20
1,4-Dichlorobenzene	84		84		70-130	0		20
Methyl tert butyl ether	78		80		63-130	3		20
p/m-Xylene	85		85		70-130	0		20
o-Xylene	85		85		70-130	0		20
cis-1,2-Dichloroethene	92		94		70-130	2		20
Dibromomethane	84		86		70-130	2		20
1,2,3-Trichloropropane	78		77		64-130	1		20
Acrylonitrile	110		110		70-130	0		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	61		61		36-147	0		20
Acetone	86		86		58-148	0		20
Carbon disulfide	83		84		51-130	1		20
2-Butanone	86		90		63-138	5		20
Vinyl acetate	79		79		70-130	0		20
4-Methyl-2-pentanone	88		87		59-130	1		20
2-Hexanone	97		98		57-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1492511-3 WG1492511-4								
Bromochloromethane	97		98		70-130	1		20
2,2-Dichloropropane	85		85		63-133	0		20
1,2-Dibromoethane	83		84		70-130	1		20
1,3-Dichloropropane	78		76		70-130	3		20
1,1,1,2-Tetrachloroethane	81		81		64-130	0		20
Bromobenzene	84		86		70-130	2		20
n-Butylbenzene	83		82		53-136	1		20
sec-Butylbenzene	81		84		70-130	4		20
tert-Butylbenzene	87		88		70-130	1		20
o-Chlorotoluene	82		84		70-130	2		20
p-Chlorotoluene	81		82		70-130	1		20
1,2-Dibromo-3-chloropropane	89		85		41-144	5		20
Hexachlorobutadiene	72		73		63-130	1		20
Isopropylbenzene	82		84		70-130	2		20
p-Isopropyltoluene	87		87		70-130	0		20
Naphthalene	91		92		70-130	1		20
n-Propylbenzene	82		84		69-130	2		20
1,2,3-Trichlorobenzene	83		83		70-130	0		20
1,2,4-Trichlorobenzene	78		78		70-130	0		20
1,3,5-Trimethylbenzene	78		80		64-130	3		20
1,2,4-Trimethylbenzene	79		81		70-130	3		20
1,4-Dioxane	148		144		56-162	3		20
p-Diethylbenzene	87		88		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1492511-3 WG1492511-4								
p-Ethyltoluene	80		83		70-130	4		20
1,2,4,5-Tetramethylbenzene	83		83		70-130	0		20
Ethyl ether	92		94		59-134	2		20
trans-1,4-Dichloro-2-butene	78		80		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	97		99		70-130
Dibromofluoromethane	95		96		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1492294-6 WG1492294-7 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
Methylene chloride	ND	98.5	92	94		100	100		70-130	11		30
1,1-Dichloroethane	ND	98.5	95	96		110	103		70-130	11		30
Chloroform	0.34J	98.5	110	110		120	120		70-130	13		30
Carbon tetrachloride	ND	98.5	130	130		140	138	Q	70-130	10		30
1,2-Dichloropropane	ND	98.5	89	90		98	96		70-130	10		30
Dibromochloromethane	ND	98.5	90	92		100	98		70-130	11		30
1,1,2-Trichloroethane	ND	98.5	86	87		97	94		70-130	12		30
Tetrachloroethene	ND	98.5	100	102		110	111		70-130	13		30
Chlorobenzene	ND	98.5	91	92		100	98		70-130	11		30
Trichlorofluoromethane	ND	98.5	120	118		130	126		70-139	11		30
1,2-Dichloroethane	ND	98.5	98	100		110	106		70-130	10		30
1,1,1-Trichloroethane	ND	98.5	120	124		140	132	Q	70-130	11		30
Bromodichloromethane	ND	98.5	110	112		120	119		70-130	10		30
trans-1,3-Dichloropropene	ND	98.5	84	85		93	91		70-130	10		30
cis-1,3-Dichloropropene	ND	98.5	89	90		99	96		70-130	11		30
1,1-Dichloropropene	ND	98.5	110	113		120	120		70-130	10		30
Bromoform	ND	98.5	88	89		96	94		70-130	9		30
1,1,2,2-Tetrachloroethane	ND	98.5	81	82		88	86		70-130	8		30
Benzene	ND	98.5	100	102		110	110		70-130	11		30
Toluene	ND	98.5	92	93		100	99		70-130	11		30
Ethylbenzene	ND	98.5	92	94		100	100		70-130	11		30
Chloromethane	ND	98.5	82	83		90	88		52-130	10		30
Bromomethane	ND	98.5	100	104		120	114		57-147	14		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1492294-6 WG1492294-7 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
Vinyl chloride	ND	98.5	95	96		110	108		67-130	16		30
Chloroethane	ND	98.5	100	102		110	111		50-151	13		30
1,1-Dichloroethene	ND	98.5	120	122		130	130		65-135	11		30
trans-1,2-Dichloroethene	ND	98.5	110	115		130	124		70-130	12		30
Trichloroethene	ND	98.5	110	110		120	119		70-130	12		30
1,2-Dichlorobenzene	ND	98.5	84	85		94	92		70-130	11		30
1,3-Dichlorobenzene	ND	98.5	84	86		95	92		70-130	12		30
1,4-Dichlorobenzene	ND	98.5	84	85		93	90		70-130	11		30
Methyl tert butyl ether	ND	98.5	97	98		110	104		66-130	10		30
p/m-Xylene	ND	197	190	94		210	102		70-130	12		30
o-Xylene	ND	197	180	93		210	100		70-130	11		30
cis-1,2-Dichloroethene	ND	98.5	110	111		120	119		70-130	11		30
Dibromomethane	ND	98.5	98	99		110	107		70-130	12		30
Styrene	ND	197	190	94		210	102		70-130	12		30
Dichlorodifluoromethane	ND	98.5	98	100		110	106		30-146	11		30
Acetone	ND	98.5	73	74		78	76		54-140	7		30
Carbon disulfide	ND	98.5	120	117		130	124		59-130	11		30
2-Butanone	ND	98.5	66	67	Q	71	69	Q	70-130	7		30
Vinyl acetate	ND	98.5	76	77		83	80		70-130	9		30
4-Methyl-2-pentanone	ND	98.5	67	68	Q	73	71		70-130	9		30
1,2,3-Trichloropropane	ND	98.5	79	81		86	84		68-130	8		30
2-Hexanone	ND	98.5	63	64	Q	68	66	Q	70-130	9		30
Bromochloromethane	ND	98.5	110	111		120	118		70-130	10		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1492294-6 WG1492294-7 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
2,2-Dichloropropane	ND	98.5	120	120		130	128		70-130	11		30
1,2-Dibromoethane	ND	98.5	84	85		91	89		70-130	9		30
1,3-Dichloropropane	ND	98.5	85	86		94	91		69-130	11		30
1,1,1,2-Tetrachloroethane	ND	98.5	89	91		100	98		70-130	12		30
Bromobenzene	ND	98.5	92	93		100	98		70-130	10		30
n-Butylbenzene	ND	98.5	67	68	Q	80	78		70-130	18		30
sec-Butylbenzene	ND	98.5	75	76		88	86		70-130	16		30
tert-Butylbenzene	ND	98.5	84	85		97	94		70-130	14		30
o-Chlorotoluene	ND	98.5	87	89		98	96		70-130	12		30
p-Chlorotoluene	ND	98.5	87	88		97	95		70-130	11		30
1,2-Dibromo-3-chloropropane	ND	98.5	73	74		78	76		68-130	6		30
Hexachlorobutadiene	ND	98.5	46	47	Q	60	58	Q	67-130	25		30
Isopropylbenzene	ND	98.5	91	92		100	99		70-130	12		30
p-Isopropyltoluene	ND	98.5	77	78		90	88		70-130	16		30
Naphthalene	ND	98.5	74	75		85	82		70-130	13		30
Acrylonitrile	ND	98.5	71	72		77	75		70-130	8		30
n-Propylbenzene	ND	98.5	84	85		96	93		70-130	13		30
1,2,3-Trichlorobenzene	ND	98.5	65	66	Q	78	76		70-130	18		30
1,2,4-Trichlorobenzene	ND	98.5	70	71		82	80		70-130	16		30
1,3,5-Trimethylbenzene	ND	98.5	85	86		97	94		70-130	13		30
1,2,4-Trimethylbenzene	ND	98.5	87	88		97	95		70-130	12		30
1,4-Dioxane	ND	4920	5100	104		5400	104		65-136	4		30
p-Diethylbenzene	ND	98.5	75	76		88	85		70-130	15		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1492294-6 WG1492294-7 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
p-Ethyltoluene	ND	98.5	87	88		99	96		70-130	12		30
1,2,4,5-Tetramethylbenzene	ND	98.5	73	74		86	84		70-130	17		30
Ethyl ether	ND	98.5	94	96		100	101		67-130	10		30
trans-1,4-Dichloro-2-butene	ND	98.5	72	73		79	77		70-130	10		30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	104		102		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	107		106		70-130
Toluene-d8	95		95		70-130

SEMIVOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/21 15:41
 Analyst: SZ
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 23:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
Client ID: 025_LSB2_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/09/21 00:26
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 04/28/21 08:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.502	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.502	0.046	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.251	0.039	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.502	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.251	0.045	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.251	0.061	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.251	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.502	0.180	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.502	0.137	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.251	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.251	0.130	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.251	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.502	0.288	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.502	0.202	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.502	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.502	0.154	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.502	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.502	0.085	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.502	0.070	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.502	0.205	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.502	0.054	1
PFOA/PFOS, Total	ND		ng/g	0.251	0.042	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	62		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	93		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	105		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	86		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	108		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/21 16:05
 Analyst: SZ
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 23:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
Client ID: 026_DUP2
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	66		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
Client ID: 026_DUP2
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/09/21 00:42
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 04/28/21 08:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.179	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.201	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054	1
PFOA/PFOS, Total	ND		ng/g	0.250	0.042	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	73		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	66		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	98		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/21 16:29
 Analyst: SZ
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 23:55

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	ND		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 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	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	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	ND		ug/kg	270	29.	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	69		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
Client ID: 027_LSB7_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/09/21 00:59
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 04/28/21 08:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.529	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.529	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.264	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.529	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.264	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.264	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.264	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.529	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.529	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.264	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.264	0.137	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.264	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.529	0.303	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.529	0.213	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.529	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.529	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.529	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.529	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.529	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.529	0.216	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.529	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.264	0.044	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	125		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	80		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	111		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	66		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	116		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	115		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	105		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-05
 Client ID: 029_EB02_042621
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 14:30
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/07/21 22:27
 Analyst: MP

Extraction Method: ALPHA 23528
 Extraction Date: 05/01/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.80	0.367	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.80	0.356	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.80	0.214	1
Perfluorohexanoic Acid (PFHxA)	0.327	J	ng/l	1.80	0.295	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.80	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.80	0.338	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.80	0.212	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.618	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.80	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.80	0.453	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.80	0.273	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.582	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.80	0.234	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.881	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.80	0.521	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.723	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.80	0.334	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.294	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.223	1
PFOA/PFOS, Total	ND		ng/l	1.80	0.212	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-05
 Client ID: 029_EB02_042621
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 14:30
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	70		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	101		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/08/21 23:53
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/28/21 08:53

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1491692-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.095	J	ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/08/21 23:53
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 04/28/21 08:53

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1491692-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	72		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	61		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	55		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	92		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	102		24-159

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/07/21 19:25
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/01/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1493159-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.412	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/07/21 19:25
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/01/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1493159-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	50		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	92		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	111		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	123		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/04/21 02:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/03/21 18:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1493880-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/04/21 02:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/03/21 18:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1493880-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
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	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 05/04/21 02:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/03/21 18:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1493880-1					
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	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	76		18-120



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1491692-2								
Perfluorobutanoic Acid (PFBA)	94		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	93		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	91		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	94		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	95		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	94		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	99		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	97		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	92		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	107		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	90		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	91		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	87		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	95		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	100		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	111		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	105		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1491692-2									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	100				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	118				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	78				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	64				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	100				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	90				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	117				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	104				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1493159-2								
Perfluorobutanoic Acid (PFBA)	120		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	123		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	113		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	122		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	132		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	121		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	128		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	127		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	117		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	133		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	139		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	122		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	112		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	121		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	119		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	144		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	132		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1493159-2									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	93				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	44				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493880-2 WG1493880-3								
Acenaphthene	68		68		31-137	0		50
1,2,4-Trichlorobenzene	58		61		38-107	5		50
Hexachlorobenzene	60		59		40-140	2		50
Bis(2-chloroethyl)ether	60		65		40-140	8		50
2-Chloronaphthalene	65		65		40-140	0		50
1,2-Dichlorobenzene	59		63		40-140	7		50
1,3-Dichlorobenzene	57		62		40-140	8		50
1,4-Dichlorobenzene	56		61		28-104	9		50
3,3'-Dichlorobenzidine	74		70		40-140	6		50
2,4-Dinitrotoluene	76		77		40-132	1		50
2,6-Dinitrotoluene	76		74		40-140	3		50
Fluoranthene	73		72		40-140	1		50
4-Chlorophenyl phenyl ether	62		63		40-140	2		50
4-Bromophenyl phenyl ether	63		61		40-140	3		50
Bis(2-chloroisopropyl)ether	57		61		40-140	7		50
Bis(2-chloroethoxy)methane	62		64		40-117	3		50
Hexachlorobutadiene	52		56		40-140	7		50
Hexachlorocyclopentadiene	58		60		40-140	3		50
Hexachloroethane	57		61		40-140	7		50
Isophorone	63		64		40-140	2		50
Naphthalene	62		64		40-140	3		50
Nitrobenzene	62		65		40-140	5		50
NDPA/DPA	70		68		36-157	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493880-2 WG1493880-3								
n-Nitrosodi-n-propylamine	64		66		32-121	3		50
Bis(2-ethylhexyl)phthalate	84		83		40-140	1		50
Butyl benzyl phthalate	81		78		40-140	4		50
Di-n-butylphthalate	77		77		40-140	0		50
Di-n-octylphthalate	82		80		40-140	2		50
Diethyl phthalate	68		69		40-140	1		50
Dimethyl phthalate	68		66		40-140	3		50
Benzo(a)anthracene	70		69		40-140	1		50
Benzo(a)pyrene	79		76		40-140	4		50
Benzo(b)fluoranthene	74		74		40-140	0		50
Benzo(k)fluoranthene	74		72		40-140	3		50
Chrysene	70		68		40-140	3		50
Acenaphthylene	65		64		40-140	2		50
Anthracene	73		73		40-140	0		50
Benzo(ghi)perylene	73		72		40-140	1		50
Fluorene	69		68		40-140	1		50
Phenanthrene	69		68		40-140	1		50
Dibenzo(a,h)anthracene	73		72		40-140	1		50
Indeno(1,2,3-cd)pyrene	75		73		40-140	3		50
Pyrene	71		70		35-142	1		50
Biphenyl	63		63		37-127	0		50
4-Chloroaniline	69		70		40-140	1		50
2-Nitroaniline	77		75		47-134	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493880-2 WG1493880-3								
3-Nitroaniline	66		62		26-129	6		50
4-Nitroaniline	74		73		41-125	1		50
Dibenzofuran	66		66		40-140	0		50
2-Methylnaphthalene	64		64		40-140	0		50
1,2,4,5-Tetrachlorobenzene	57		57		40-117	0		50
Acetophenone	70		75		14-144	7		50
2,4,6-Trichlorophenol	66		66		30-130	0		50
p-Chloro-m-cresol	73		71		26-103	3		50
2-Chlorophenol	66		70		25-102	6		50
2,4-Dichlorophenol	68		70		30-130	3		50
2,4-Dimethylphenol	69		69		30-130	0		50
2-Nitrophenol	74		76		30-130	3		50
4-Nitrophenol	87		76		11-114	13		50
2,4-Dinitrophenol	65		64		4-130	2		50
4,6-Dinitro-o-cresol	76		76		10-130	0		50
Pentachlorophenol	67		65		17-109	3		50
Phenol	68		69		26-90	1		50
2-Methylphenol	68		70		30-130.	3		50
3-Methylphenol/4-Methylphenol	66		68		30-130	3		50
2,4,5-Trichlorophenol	68		66		30-130	3		50
Benzoic Acid	56		54		10-110	4		50
Benzyl Alcohol	66		69		40-140	4		50
Carbazole	74		73		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1493880-2 WG1493880-3								
1,4-Dioxane	48		55		40-140	14		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		85		25-120
Phenol-d6	89		93		10-120
Nitrobenzene-d5	86		89		23-120
2-Fluorobiphenyl	85		86		30-120
2,4,6-Tribromophenol	84		84		10-136
4-Terphenyl-d14	86		88		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491692-3 WG1491692-4 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
Perfluorobutanoic Acid (PFBA)	ND	5.02	4.74	95		4.84	95		71-135	2		30
Perfluoropentanoic Acid (PFPeA)	ND	5.02	4.70	94		4.81	94		69-132	2		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.45	4.04	91		4.10	90		72-128	1		30
Perfluorohexanoic Acid (PFHxA)	ND	5.02	4.79	96		5.25	103		70-132	9		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.02	4.70	94		4.82	94		71-131	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.58	4.79	104		4.72	101		67-130	1		30
Perfluorooctanoic Acid (PFOA)	ND	5.02	4.62	92		4.72	92		69-133	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	4.78	5.26	110		5.04	104		64-140	4		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.78	4.14	87		4.76	98		70-132	14		30
Perfluorononanoic Acid (PFNA)	ND	5.02	4.71	94		4.74	93		72-129	1		30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.66	4.84	104		4.93	104		68-136	2		30
Perfluorodecanoic Acid (PFDA)	ND	5.02	4.58	91		4.68	92		69-133	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	4.82	5.16	107		5.20	106		65-137	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.02	5.12	102		4.95	97		63-144	3		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.02	4.48	89		4.68	92		64-136	4		30
Perfluorodecanesulfonic Acid (PFDS)	ND	4.84	3.92	81		4.69	95		59-134	18		30
Perfluorooctanesulfonamide (FOSA)	ND	5.02	4.76	95		4.76	93		67-137	0		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.02	4.92	98		4.86	95		61-139	1		30
Perfluorododecanoic Acid (PFDoA)	ND	5.02	5.12	102		4.77	93		69-135	7		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.02	5.85	117		5.15	101		66-139	13		30
Perfluorotetradecanoic Acid (PFTTA)	ND	5.02	5.12	102		5.45	107		69-133	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491692-3 WG1491692-4 QC Sample: L2121234-03
Client ID: 027_LSB7_42-44

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		76		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	76		87		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		104		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		108		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		123		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		115		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		110		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		111		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		117		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		127		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		113		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		110		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	119		124		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	52		37		10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		117		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		110		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		101		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		117		74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491692-5 WG1491692-6 QC Sample: L2121277-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	0.044J	5.67	5.42	95		5.11	94		71-135	6		30
Perfluoropentanoic Acid (PFPeA)	ND	5.67	5.36	95		5.07	94		69-132	6		30
Perfluorobutanesulfonic Acid (PFBS)	ND	5.03	4.72	94		4.42	93		72-128	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.3	5.46	103		5.44	108		62-145	0		30
Perfluorohexanoic Acid (PFHxA)	0.075J	5.67	5.49	96		5.12	94		70-132	7		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.33	4.64	87		4.88	97		73-123	5		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.67	5.36	95		5.04	94		71-131	6		30
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	ND	0.98	0.982	100		1.05	113		67-130	7		30
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	ND	4.19	4.31	103		4.42	111		67-130	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.18	5.29	102		5.47	111		67-130	3		30
Perfluorooctanoic Acid-Branched (br-PFOA)	ND	0.000000113	ND	0	Q	ND	0	Q	69-133	NC		30
Perfluorooctanoic Acid-Linear (L-PFOA)	0.128J	5.67	5.43	94		5.18	94		69-133	5		30
Perfluorooctanoic Acid (PFOA)	0.128J	5.67	5.43	94		5.18	94		69-133	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.4	5.78	107		5.21	102		64-140	10		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.4	4.96	92		4.78	93		70-132	4		30
Perfluorononanoic Acid (PFNA)	ND	5.67	5.37	95		5.05	94		72-129	6		30
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.067J	1.11	1.22	104		1.10	98		68-136	10		30
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.994	4.15	5.47	108		5.31	110		68-136	3		30
Perfluorooctanesulfonic Acid (PFOS)	1.06	5.26	6.69	107		6.41	107		68-136	4		30
Perfluorodecanoic Acid (PFDA)	0.695	5.67	5.78	90		5.70	93		69-133	1		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.44	5.40	99		5.60	108		65-137	4		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.45	4.78	88		5.00	97		69-125	4		30

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491692-5 WG1491692-6 QC Sample: L2121277-01 Client ID: MS Sample												
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	ND	0.000000113	ND	0	Q	ND	0	Q	63-144	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	ND	5.67	6.56	116		5.22	97		63-144	23		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.67	6.56	116		5.22	97		63-144	23		30
Perfluoroundecanoic Acid (PFUnA)	0.361J	5.67	5.56	92		5.35	93		64-136	4		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.46	5.34	98		4.97	96		59-134	7		30
Perfluorooctanesulfonamide (FOSA)	ND	5.67	6.46F	114		4.97	92		67-137	26		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	ND	0.000000113	ND	0	Q	ND	0	Q	61-139	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.106J	5.67	5.79	100		5.36	98		61-139	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.106J	5.67	5.79	100		5.36	98		61-139	8		30
Perfluorododecanoic Acid (PFDoA)	1.12	5.67	6.52	95		6.14	93		69-135	6		30
Perfluorotridecanoic Acid (PFTrDA)	0.242J	5.67	6.90	117		6.54	117		66-139	5		30
Perfluorotetradecanoic Acid (PFTA)	0.517J	5.67	6.48	105		6.24	106		69-133	4		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	79		77		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	92		96		14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	86		90		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	102		104		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88		108		31-134



Matrix Spike Analysis*Batch Quality Control***Project Name:** 130 ST. FELIX STREET**Lab Number:** L2121234**Project Number:** 100842301**Report Date:** 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491692-5 WG1491692-6 QC Sample: L2121277-01
 Client ID: MS Sample

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		117		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		111		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		104		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		105		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		103		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	118		123		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	114		92		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		104		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		118		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		40		10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		111		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		104		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		98		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		109		74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1493159-3 QC Sample: L2120800-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	52.1	36.6	95.3	118		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	62.8	36.6	109	126		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	24.3	32.5	62.8	118		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	34.3	49.5	144		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	58.2	36.6	102	120		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	2.13	34.4	39.6	109		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	36.6	36.6	80.7	120		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	14.9	33.5	53.1	114		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	104	36.6	147	117		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.9	48.8	140		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	1.09J	34.9	46.3	130		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	2.94	36.6	50.4	130		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	22.0	34	64.2	124		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	0.333J	36.6	46.6	126		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.2	45.9	130		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	35.2	40.9	116		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.6	43.2	118		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.6	41.5	113		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.3	40.3	114		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	36.6	39.2F	107		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.6	42.2	115		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	36.6	42.9	117		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1493159-3 QC Sample: L2120800-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTTrDA)	ND	36.6	59.7	163	Q	-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTTA)	ND	36.6	42.2	115		-	-		59-182	-		30

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	158	Q			12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	114				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUOA)	87				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	136				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	89				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84				70-131

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1493880-4 WG1493880-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
Acenaphthene	ND	1470	1000	68		1000	67		31-137	0		50
1,2,4-Trichlorobenzene	ND	1470	1000	68		1100	74		38-107	10		50
Hexachlorobenzene	ND	1470	1100	75		1100	74		40-140	0		50
Bis(2-chloroethyl)ether	ND	1470	910	62		980	66		40-140	7		50
2-Chloronaphthalene	ND	1470	1100	75		1100	74		40-140	0		50
1,2-Dichlorobenzene	ND	1470	940	64		1000	67		40-140	6		50
1,3-Dichlorobenzene	ND	1470	870	59		950	64		40-140	9		50
1,4-Dichlorobenzene	ND	1470	900	61		1000	67		28-104	11		50
3,3'-Dichlorobenzidine	ND	1470	1200	82		1200	80		40-140	0		50
2,4-Dinitrotoluene	ND	1470	1100	75		1200	80		40-132	9		50
2,6-Dinitrotoluene	ND	1470	1100	75		1100	74		40-140	0		50
Fluoranthene	ND	1470	1100	75		1000	67		40-140	10		50
4-Chlorophenyl phenyl ether	ND	1470	1100	75		1100	74		40-140	0		50
4-Bromophenyl phenyl ether	ND	1470	1100	75		1100	74		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1470	1200	82		1200	80		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1470	1000	68		1000	67		40-117	0		50
Hexachlorobutadiene	ND	1470	1000	68		1100	74		40-140	10		50
Hexachlorocyclopentadiene	ND	1470	840	57		870	58		40-140	4		50
Hexachloroethane	ND	1470	970	66		1000	67		40-140	3		50
Isophorone	ND	1470	1100	75		1200	80		40-140	9		50
Naphthalene	ND	1470	970	66		980	66		40-140	1		50
Nitrobenzene	ND	1470	1000	68		1100	74		40-140	10		50
NDPA/DPA	ND	1470	1100	75		1100	74		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1493880-4 WG1493880-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
n-Nitrosodi-n-propylamine	ND	1470	1100	75		1200	80		32-121	9		50
Bis(2-ethylhexyl)phthalate	ND	1470	1400	95		1400	94		40-140	0		50
Butyl benzyl phthalate	ND	1470	1200	82		1200	80		40-140	0		50
Di-n-butylphthalate	ND	1470	1300	88		1200	80		40-140	8		50
Di-n-octylphthalate	ND	1470	1200	82		1200	80		40-140	0		50
Diethyl phthalate	ND	1470	1100	75		1100	74		40-140	0		50
Dimethyl phthalate	ND	1470	1200	82		1200	80		40-140	0		50
Benzo(a)anthracene	ND	1470	1000	68		1000	67		40-140	0		50
Benzo(a)pyrene	ND	1470	1100	75		1000	67		40-140	10		50
Benzo(b)fluoranthene	ND	1470	960	65		970	65		40-140	1		50
Benzo(k)fluoranthene	ND	1470	1100	75		1100	74		40-140	0		50
Chrysene	ND	1470	1100	75		1100	74		40-140	0		50
Acenaphthylene	ND	1470	1000	68		1100	74		40-140	10		50
Anthracene	ND	1470	1100	75		1100	74		40-140	0		50
Benzo(ghi)perylene	ND	1470	1000	68		1000	67		40-140	0		50
Fluorene	ND	1470	1000	68		1000	67		40-140	0		50
Phenanthrene	ND	1470	1000	68		1000	67		40-140	0		50
Dibenzo(a,h)anthracene	ND	1470	1000	68		1100	74		40-140	10		50
Indeno(1,2,3-cd)pyrene	ND	1470	1000	68		990	66		40-140	1		50
Pyrene	ND	1470	1000	68		1000	67		35-142	0		50
Biphenyl	ND	1470	1100	75		1200	80		37-127	9		50
4-Chloroaniline	ND	1470	1200	82		1300	87		40-140	8		50
2-Nitroaniline	ND	1470	1200	82		1200	80		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1493880-4 WG1493880-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
3-Nitroaniline	ND	1470	950	65		910	61		26-129	4		50
4-Nitroaniline	ND	1470	1000	68		1000	67		41-125	0		50
Dibenzofuran	ND	1470	1000	68		1000	67		40-140	0		50
2-Methylnaphthalene	ND	1470	1000	68		1000	67		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1470	1100	75		1200	80		40-117	9		50
Acetophenone	ND	1470	1200	82		1200	80		14-144	0		50
2,4,6-Trichlorophenol	ND	1470	1100	75		1100	74		30-130	0		50
p-Chloro-m-cresol	ND	1470	1100	75		1100	74		26-103	0		50
2-Chlorophenol	ND	1470	980	67		1000	67		25-102	2		50
2,4-Dichlorophenol	ND	1470	1100	75		1200	80		30-130	9		50
2,4-Dimethylphenol	ND	1470	1100	75		1100	74		30-130	0		50
2-Nitrophenol	ND	1470	1100	75		1100	74		30-130	0		50
4-Nitrophenol	ND	1470	1100	75		1200	80		11-114	9		50
2,4-Dinitrophenol	ND	1470	500J	34		500J	33		4-130	0		50
4,6-Dinitro-o-cresol	ND	1470	840	57		820	55		10-130	2		50
Pentachlorophenol	ND	1470	990	67		980	66		17-109	1		50
Phenol	ND	1470	910	62		940	63		26-90	3		50
2-Methylphenol	ND	1470	1000	68		1100	74		30-130.	10		50
3-Methylphenol/4-Methylphenol	ND	1470	1200	82		1000	67		30-130	18		50
2,4,5-Trichlorophenol	ND	1470	1100	75		1100	74		30-130	0		50
Benzoic Acid	ND	1470	440J	30		470J	31		10-110	7		50
Benzyl Alcohol	ND	1470	1000	68		1100	74		40-140	10		50
Carbazole	ND	1470	1100	75		1000	67		54-128	10		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1493880-4 WG1493880-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
1,4-Dioxane	ND	1470	970	66		1000	67		40-140	3		50

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	110		107		10-136
2-Fluorobiphenyl	103		101		30-120
2-Fluorophenol	86		87		25-120
4-Terphenyl-d14	103		96		18-120
Nitrobenzene-d5	101		100		23-120
Phenol-d6	91		91		10-120

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1493159-4 QC Sample: L2120800-02 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	32.2	32.7	ng/l	2		30
Perfluoropentanoic Acid (PFPeA)	86.9	87.0	ng/l	0		30
Perfluorobutanesulfonic Acid (PFBS)	7.58	7.09	ng/l	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	94.6	95.0	ng/l	0		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	26.8	27.1	ng/l	1		30
Perfluorohexanesulfonic Acid (PFHxS)	1.57J	2.12	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	26.2	26.3	ng/l	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	2.41	2.57	ng/l	6		30
Perfluorooctanesulfonic Acid (PFOS)	8.69	9.45	ng/l	8		30
Perfluorodecanoic Acid (PFDA)	0.430J	0.407J	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	0.696J	0.817J	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1493159-4 QC Sample: L2120800-02 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		79		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	64		64		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	72		72		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	127		121		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	52	Q	52	Q	57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	68		67		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		113		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		75		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		78		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		73		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97		101		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		50		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	68		70		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		30		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		57		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	63		70		48-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1493159-4 QC Sample: L2120800-02 Client ID: DUP Sample						

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		71		22-136



PCBS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/04/21 11:42
 Analyst: AD
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 14:06
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/04/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.50	1	A
Aroclor 1232	ND		ug/kg	34.9	7.40	1	A
Aroclor 1242	ND		ug/kg	34.9	4.70	1	A
Aroclor 1248	ND		ug/kg	34.9	5.24	1	A
Aroclor 1254	ND		ug/kg	34.9	3.82	1	A
Aroclor 1260	ND		ug/kg	34.9	6.45	1	A
Aroclor 1262	ND		ug/kg	34.9	4.43	1	A
Aroclor 1268	ND		ug/kg	34.9	3.62	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
Client ID: 026_DUP2
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/21 11:49
Analyst: AD
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/03/21 14:06
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	3.27	1	A
Aroclor 1221	ND		ug/kg	36.8	3.69	1	A
Aroclor 1232	ND		ug/kg	36.8	7.80	1	A
Aroclor 1242	ND		ug/kg	36.8	4.96	1	A
Aroclor 1248	ND		ug/kg	36.8	5.52	1	A
Aroclor 1254	ND		ug/kg	36.8	4.02	1	A
Aroclor 1260	ND		ug/kg	36.8	6.80	1	A
Aroclor 1262	ND		ug/kg	36.8	4.67	1	A
Aroclor 1268	ND		ug/kg	36.8	3.81	1	A
PCBs, Total	ND		ug/kg	36.8	3.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/04/21 11:56
 Analyst: AD
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 14:06
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/04/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	3.14	1	A
Aroclor 1221	ND		ug/kg	35.3	3.54	1	A
Aroclor 1232	ND		ug/kg	35.3	7.49	1	A
Aroclor 1242	ND		ug/kg	35.3	4.76	1	A
Aroclor 1248	ND		ug/kg	35.3	5.30	1	A
Aroclor 1254	ND		ug/kg	35.3	3.86	1	A
Aroclor 1260	ND		ug/kg	35.3	6.53	1	A
Aroclor 1262	ND		ug/kg	35.3	4.49	1	A
Aroclor 1268	ND		ug/kg	35.3	3.66	1	A
PCBs, Total	ND		ug/kg	35.3	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 05/03/21 20:45
 Analyst: CW

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 06:00
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/03/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/03/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1493545-1						
Aroclor 1016	ND		ug/kg	31.7	2.82	A
Aroclor 1221	ND		ug/kg	31.7	3.18	A
Aroclor 1232	ND		ug/kg	31.7	6.72	A
Aroclor 1242	ND		ug/kg	31.7	4.28	A
Aroclor 1248	ND		ug/kg	31.7	4.76	A
Aroclor 1254	ND		ug/kg	31.7	3.47	A
Aroclor 1260	ND		ug/kg	31.7	5.86	A
Aroclor 1262	ND		ug/kg	31.7	4.03	A
Aroclor 1268	ND		ug/kg	31.7	3.29	A
PCBs, Total	ND		ug/kg	31.7	2.82	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	56		30-150	B
Decachlorobiphenyl	54		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1493545-2 WG1493545-3									
Aroclor 1016	69		73		40-140	6		50	A
Aroclor 1260	62		65		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		69		30-150	A
Decachlorobiphenyl	52		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		61		30-150	B
Decachlorobiphenyl	49		52		30-150	B



Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1493545-4 WG1493545-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44													
Aroclor 1016	ND	232	158	68		160	68		40-140	1		50	A
Aroclor 1260	ND	232	156	67		157	67		40-140	1		50	A

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>	<i>Column</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>		
2,4,5,6-Tetrachloro-m-xylene	62		66		30-150	A
Decachlorobiphenyl	61		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		64		30-150	B
Decachlorobiphenyl	56		57		30-150	B

PESTICIDES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/05/21 15:41
 Analyst: SDC
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 23:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	ND		ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 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	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/01/21 20:43
 Analyst: AR
 Percent Solids: 90%
 Methylation Date: 04/30/21 22:52

Extraction Method: EPA 8151A
 Extraction Date: 04/29/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.5	1	A
2,4,5-T	ND		ug/kg	182	5.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	82		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/05/21 15:52
 Analyst: SDC
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 23:34
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/05/21

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	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.842	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.737	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.390	1	A
4,4'-DDD	ND		ug/kg	1.68	0.601	1	A
4,4'-DDT	ND		ug/kg	3.16	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.983	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 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	75		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
 Client ID: 026_DUP2
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/01/21 21:01
 Analyst: AR
 Percent Solids: 90%
 Methylation Date: 04/30/21 22:52

Extraction Method: EPA 8151A
 Extraction Date: 04/29/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.68	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	73		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/05/21 16:04
 Analyst: SDC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 23:34
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.878	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.988	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.768	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.626	1	A
4,4'-DDT	ND		ug/kg	3.29	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.22	1	A
cis-Chlordane	ND		ug/kg	2.20	0.612	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/01/21 16:46
 Analyst: AR
 Percent Solids: 89%
 Methylation Date: 04/30/21 22:52

Extraction Method: EPA 8151A
 Extraction Date: 04/29/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.76	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	89		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 04/30/21 14:58
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 04/29/21 11:47

Methylation Date: 04/30/21 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1492317-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	62		30-150	A
DCAA	56		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/04/21 09:00
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 05/03/21 04:39
Cleanup Method: EPA 3620B
Cleanup Date: 05/03/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1493516-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.188	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.793	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.991	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	2.97	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.530	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.925	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	13.2	5.25	A



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 05/04/21 09:00
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 05/03/21 04:39
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1493516-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1492317-2 WG1492317-3									
2,4-D	88		82		30-150	7		30	A
2,4,5-T	74		67		30-150	10		30	A
2,4,5-TP (Silvex)	69		62		30-150	11		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	69		59		30-150	A
DCAA	66		56		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1493516-2 WG1493516-3									
Delta-BHC	60		65		30-150	8		30	A
Lindane	60		64		30-150	6		30	A
Alpha-BHC	60		68		30-150	13		30	A
Beta-BHC	73		75		30-150	3		30	A
Heptachlor	56		60		30-150	7		30	A
Aldrin	56		60		30-150	7		30	A
Heptachlor epoxide	53		50		30-150	6		30	A
Endrin	53		58		30-150	9		30	A
Endrin aldehyde	43		41		30-150	5		30	A
Endrin ketone	54		52		30-150	4		30	A
Dieldrin	55		58		30-150	5		30	A
4,4'-DDE	51		56		30-150	9		30	A
4,4'-DDD	55		60		30-150	9		30	A
4,4'-DDT	53		59		30-150	11		30	A
Endosulfan I	54		54		30-150	0		30	A
Endosulfan II	59		62		30-150	5		30	A
Endosulfan sulfate	40		38		30-150	5		30	A
Methoxychlor	60		63		30-150	5		30	A
cis-Chlordane	56		62		30-150	10		30	A
trans-Chlordane	61		61		30-150	0		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1493516-2 WG1493516-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	47		51		30-150	A
Decachlorobiphenyl	42		46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		52		30-150	B
Decachlorobiphenyl	56		56		30-150	B



Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1492317-4 WG1492317-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44													
2,4-D	ND	186	194	104		190	102		30-150	2		30	A
2,4,5-T	ND	186	177J	95		171J	92		30-150	3		30	A
2,4,5-TP (Silvex)	ND	186	176J	95		175J	94		30-150	1		30	A

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>	<i>Column</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>		
DCAA	93		92		30-150	A
DCAA	93		93		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Organochlorine Pesticides by GC - Westborough Lab ID: 027_LSB7_42-44 Associated sample(s): 01-03 QC Batch ID: WG1493516-4 WG1493516-5 QC Sample: L2121234-03 Client													
Delta-BHC	ND	35.8	22.2	62		27.6	77		30-150	22		50	A
Lindane	ND	35.8	24.1	67		27.2	76		30-150	12		50	A
Alpha-BHC	ND	35.8	25.8	72		29.2	81		30-150	12		50	A
Beta-BHC	ND	35.8	25.8	72		31.7	88		30-150	21		50	A
Heptachlor	ND	35.8	26.2	73		26.5	74		30-150	1		50	A
Aldrin	ND	35.8	23.4	65		23.6	66		30-150	1		50	A
Heptachlor epoxide	ND	35.8	23.0	64		23.4	65		30-150	2		50	A
Endrin	ND	35.8	26.4	74		26.3	73		30-150	0		50	A
Endrin aldehyde	ND	35.8	20.5	57		19.5	54		30-150	5		50	A
Endrin ketone	ND	35.8	24.8	69		25.2	70		30-150	2		50	A
Dieldrin	ND	35.8	25.6	72		25.5	71		30-150	0		50	A
4,4'-DDE	ND	35.8	24.6	69		24.8	69		30-150	1		50	A
4,4'-DDD	ND	35.8	29.0	81		29.5	82		30-150	2		50	A
4,4'-DDT	ND	35.8	31.9	89		31.9	89		30-150	0		50	A
Endosulfan I	ND	35.8	22.2	62		23.1	64		30-150	4		50	A
Endosulfan II	ND	35.8	25.2	70		25.6	71		30-150	2		50	A
Endosulfan sulfate	ND	35.8	19.6	55		19.7	55		30-150	1		50	A
Methoxychlor	ND	35.8	37.4	105		35.7	99		30-150	5		50	A
cis-Chlordane	ND	35.8	19.4	54		20.1	56		30-150	4		50	A
trans-Chlordane	ND	35.8	24.8	69		24.5	68		30-150	1		50	A

Matrix Spike Analysis**Batch Quality Control****Project Name:** 130 ST. FELIX STREET**Lab Number:** L2121234**Project Number:** 100842301**Report Date:** 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1493516-4 WG1493516-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	A
Decachlorobiphenyl	90		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	B
Decachlorobiphenyl	80		78		30-150	B

METALS

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
 Client ID: 025_LSB2_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1740		mg/kg	8.78	2.37	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.39	0.334	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Arsenic, Total	1.17		mg/kg	0.878	0.183	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Barium, Total	20.4		mg/kg	0.878	0.153	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Beryllium, Total	0.097	J	mg/kg	0.439	0.029	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Cadmium, Total	0.123	J	mg/kg	0.878	0.086	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Calcium, Total	4370		mg/kg	8.78	3.07	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Chromium, Total	3.83		mg/kg	0.878	0.084	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Cobalt, Total	2.23		mg/kg	1.76	0.146	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Copper, Total	6.05		mg/kg	0.878	0.226	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Iron, Total	5180		mg/kg	4.39	0.793	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Lead, Total	3.00	J	mg/kg	4.39	0.235	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Magnesium, Total	1910		mg/kg	8.78	1.35	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Manganese, Total	139		mg/kg	0.878	0.140	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.075	0.049	1	04/29/21 00:04	04/29/21 12:38	EPA 7471B	1,7471B	OU
Nickel, Total	4.97		mg/kg	2.20	0.212	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Potassium, Total	261		mg/kg	220	12.6	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.76	0.226	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.878	0.248	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Sodium, Total	56.9	J	mg/kg	176	2.76	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.76	0.276	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Vanadium, Total	5.98		mg/kg	0.878	0.178	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
Zinc, Total	12.9		mg/kg	4.39	0.257	2	04/28/21 23:33	04/29/21 15:00	EPA 3050B	1,6010D	GD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	3.8		mg/kg	0.89	0.89	1		04/29/21 15:00	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02

Date Collected: 04/26/21 10:50

Client ID: 026_DUP2

Date Received: 04/26/21

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1760		mg/kg	8.81	2.38	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.41	0.335	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Arsenic, Total	1.15		mg/kg	0.881	0.183	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Barium, Total	21.2		mg/kg	0.881	0.153	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Beryllium, Total	0.088	J	mg/kg	0.441	0.029	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Cadmium, Total	0.132	J	mg/kg	0.881	0.086	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Calcium, Total	4980		mg/kg	8.81	3.08	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Chromium, Total	5.52		mg/kg	0.881	0.085	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Cobalt, Total	2.77		mg/kg	1.76	0.146	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Copper, Total	6.56		mg/kg	0.881	0.227	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Iron, Total	5520		mg/kg	4.41	0.796	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Lead, Total	3.41	J	mg/kg	4.41	0.236	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Magnesium, Total	2100		mg/kg	8.81	1.36	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Manganese, Total	165		mg/kg	0.881	0.140	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.077	0.051	1	04/29/21 00:04	04/29/21 12:42	EPA 7471B	1,7471B	OU
Nickel, Total	9.07		mg/kg	2.20	0.213	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Potassium, Total	328		mg/kg	220	12.7	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.76	0.227	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.881	0.249	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Sodium, Total	73.3	J	mg/kg	176	2.78	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.76	0.278	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Vanadium, Total	7.97		mg/kg	0.881	0.179	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
Zinc, Total	14.1		mg/kg	4.41	0.258	2	04/28/21 23:33	04/29/21 15:05	EPA 3050B	1,6010D	GD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	5.5		mg/kg	0.89	0.89	1		04/29/21 15:05	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03
 Client ID: 027_LSB7_42-44
 Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25
 Date Received: 04/26/21
 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	1940		mg/kg	8.84	2.39	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.42	0.336	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Arsenic, Total	1.01		mg/kg	0.884	0.184	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Barium, Total	15.6		mg/kg	0.884	0.154	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Beryllium, Total	0.088	J	mg/kg	0.442	0.029	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Cadmium, Total	0.132	J	mg/kg	0.884	0.087	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Calcium, Total	3360		mg/kg	8.84	3.09	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Chromium, Total	6.04		mg/kg	0.884	0.085	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Cobalt, Total	2.78		mg/kg	1.77	0.147	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Copper, Total	7.88		mg/kg	0.884	0.228	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Iron, Total	5690		mg/kg	4.42	0.798	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Lead, Total	2.75	J	mg/kg	4.42	0.237	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Magnesium, Total	2480		mg/kg	8.84	1.36	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Manganese, Total	141		mg/kg	0.884	0.140	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.077	0.050	1	04/29/21 00:04	04/29/21 11:55	EPA 7471B	1,7471B	OU
Nickel, Total	15.6		mg/kg	2.21	0.214	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Potassium, Total	367		mg/kg	221	12.7	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.77	0.228	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.884	0.250	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Sodium, Total	84.6	J	mg/kg	177	2.78	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.77	0.278	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Vanadium, Total	8.91		mg/kg	0.884	0.179	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
Zinc, Total	26.1		mg/kg	4.42	0.259	2	04/28/21 23:33	04/29/21 09:02	EPA 3050B	1,6010D	GD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	6.0		mg/kg	0.90	0.90	1		04/29/21 09:02	NA	107,-	



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1491293-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Potassium, Total	6.38	J	mg/kg	100	5.76	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD
Zinc, Total	0.408	J	mg/kg	2.00	0.117	1	04/28/21 23:33	04/29/21 08:38	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1491295-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/29/21 00:04	04/29/21 11:49	1,7471B	OU



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1491293-2 SRM Lot Number: D109-540								
Aluminum, Total	66		-		50-150	-		
Antimony, Total	136		-		19-250	-		
Arsenic, Total	105		-		70-130	-		
Barium, Total	97		-		75-125	-		
Beryllium, Total	100		-		75-125	-		
Cadmium, Total	102		-		75-125	-		
Calcium, Total	93		-		73-128	-		
Chromium, Total	97		-		70-130	-		
Cobalt, Total	102		-		75-125	-		
Copper, Total	102		-		75-125	-		
Iron, Total	91		-		35-165	-		
Lead, Total	102		-		72-128	-		
Magnesium, Total	87		-		62-138	-		
Manganese, Total	101		-		74-126	-		
Nickel, Total	101		-		70-130	-		
Potassium, Total	85		-		59-141	-		
Selenium, Total	108		-		68-132	-		
Silver, Total	100		-		68-131	-		
Sodium, Total	102		-		35-165	-		
Thallium, Total	101		-		68-131	-		
Vanadium, Total	94		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1491293-2 SRM Lot Number: D109-540					
Zinc, Total	102	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1491295-2 SRM Lot Number: D109-540					
Mercury, Total	101	-	60-140	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491293-3 WG1491293-4 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
Aluminum, Total	1940	173	2570	364	Q	2360	238	Q	75-125	9		20
Antimony, Total	ND	43.2	41.4	96		41.6	94		75-125	0		20
Arsenic, Total	1.01	10.4	12.2	108		12.1	105		75-125	1		20
Barium, Total	15.6	173	199	106		205	107		75-125	3		20
Beryllium, Total	0.088J	4.32	4.67	108		4.83	110		75-125	3		20
Cadmium, Total	0.132J	4.41	4.72	107		4.73	105		75-125	0		20
Calcium, Total	3360	864	4990	189	Q	4840	168	Q	75-125	3		20
Chromium, Total	6.04	17.3	23.9	103		24.4	104		75-125	2		20
Cobalt, Total	2.78	43.2	45.0	98		45.2	96		75-125	0		20
Copper, Total	7.88	21.6	29.0	98		30.6	103		75-125	5		20
Iron, Total	5690	86.4	6420	845	Q	6380	782	Q	75-125	1		20
Lead, Total	2.75J	44.1	46.9	106		46.7	104		75-125	0		20
Magnesium, Total	2480	864	3710	142	Q	4470	226	Q	75-125	19		20
Manganese, Total	141	43.2	208	155	Q	213	163	Q	75-125	2		20
Nickel, Total	15.6	43.2	53.9	89		66.7	116		75-125	21	Q	20
Potassium, Total	367	864	1340	112		1340	110		75-125	0		20
Selenium, Total	ND	10.4	11.1	107		10.4	98		75-125	7		20
Silver, Total	ND	25.9	25.9	100		26.9	102		75-125	4		20
Sodium, Total	84.6J	864	1060	123		1070	121		75-125	1		20
Thallium, Total	ND	10.4	9.83	95		9.91	94		75-125	1		20
Vanadium, Total	8.91	43.2	50.0	95		51.8	97		75-125	4		20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491293-3 WG1491293-4 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44									
Zinc, Total	26.1	43.2	77.8	120	66.8	92	75-125	15	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491295-3 WG1491295-4 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44									
Mercury, Total	ND	0.157	0.165	105	0.161	104	80-120	2	20

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2121234

Report Date: 05/10/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1491293-6 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44						
Aluminum, Total	1940	2030	mg/kg	5		20
Calcium, Total	3360	3540	mg/kg	5		20
Iron, Total	5690	5980	mg/kg	5		20
Magnesium, Total	2480	2580	mg/kg	4		20
Manganese, Total	141	148	mg/kg	5		20

INORGANICS & MISCELLANEOUS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-01
Client ID: 025_LSB2_42-44
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:40
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	04/27/21 11:05	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.888	0.178	1	04/27/21 18:28	04/28/21 12:54	1,7196A	PB



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-02
Client ID: 026_DUP2
Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 10:50
Date Received: 04/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	04/27/21 11:05	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.892	0.178	1	04/27/21 18:28	04/28/21 12:55	1,7196A	PB



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

SAMPLE RESULTS

Lab ID: L2121234-03

Client ID: 027_LSB7_42-44

Sample Location: BROOKLYN, NY

Date Collected: 04/26/21 12:25

Date Received: 04/26/21

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	-	04/27/21 11:05	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.903	0.180	1	04/27/21 18:28	04/28/21 12:55	1,7196A	PB



Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1491246-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	04/27/21 18:28	04/28/21 12:39	1,7196A	PB



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1491246-2								
Chromium, Hexavalent	87		-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1491246-4 WG1491246-5 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44												
Chromium, Hexavalent	ND	1170	1430	122		1090	111		75-125	10		20



Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2121234

Report Date: 05/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1491150-1 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44						
Solids, Total	88.6	88.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1491246-7 QC Sample: L2121234-03 Client ID: 027_LSB7_42-44						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 130 ST. FELIX STREET**Lab Number:** L2121234**Project Number:** 100842301**Report Date:** 05/10/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2121234-01A	Vial MeOH preserved	C	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2121234-01B	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-01C	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-01D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2121234-01E	Plastic 120ml unpreserved	C	NA		4.5	Y	Absent		TS(7)
L2121234-01F	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2121234-01G	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-01H	Plastic 8oz unpreserved	B	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121234-01I	Glass 500ml/16oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-02A	Vial MeOH preserved	C	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2121234-02B	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-02C	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-02D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2121234-02E	Plastic 120ml unpreserved	C	NA		4.5	Y	Absent		TS(7)

Project Name: 130 ST. FELIX STREET

Lab Number: L2121234

Project Number: 100842301

Report Date: 05/10/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2121234-02F	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2121234-02G	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-02H	Plastic 8oz unpreserved	B	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121234-02I	Glass 500ml/16oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-03A	Vial MeOH preserved	C	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2121234-03A1	Vial MeOH preserved	C	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2121234-03A2	Vial MeOH preserved	C	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2121234-03B	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-03B1	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-03B2	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-03C	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-03C1	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-03C2	Vial water preserved	C	NA		4.5	Y	Absent	27-APR-21 08:01	NYTCL-8260HLW(14)
L2121234-03D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	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),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2121234-03D1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	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),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2121234-03D2	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.5	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),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2121234-03E	Plastic 120ml unpreserved	C	NA		4.5	Y	Absent		TS(7)
L2121234-03E1	Plastic 120ml unpreserved	C	NA		4.5	Y	Absent		TS(7)
L2121234-03E2	Plastic 120ml unpreserved	C	NA		4.5	Y	Absent		TS(7)
L2121234-03F	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)

Project Name: 130 ST. FELIX STREET**Lab Number:** L2121234**Project Number:** 100842301**Report Date:** 05/10/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2121234-03F1	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2121234-03F2	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2121234-03G	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-03G1	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-03G2	Glass 120ml/4oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-03H	Plastic 8oz unpreserved	B	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121234-03H1	Plastic 8oz unpreserved	B	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121234-03H2	Plastic 8oz unpreserved	B	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121234-03I	Glass 500ml/16oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-03I1	Glass 500ml/16oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-03I2	Glass 500ml/16oz unpreserved	C	NA		4.5	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2121234-04A	Vial HCl preserved	D	NA		3.8	Y	Absent		NYTCL-8260(14)
L2121234-04B	Vial HCl preserved	D	NA		3.8	Y	Absent		NYTCL-8260(14)
L2121234-04C	Vial HCl preserved	D	NA		3.8	Y	Absent		NYTCL-8260(14)
L2121234-04D	Vial HCl preserved	D	NA		3.8	Y	Absent		NYTCL-8260(14)
L2121234-04E	Vial HCl preserved	D	NA		3.8	Y	Absent		NYTCL-8260(14)
L2121234-04F	Vial HCl preserved	D	NA		3.8	Y	Absent		NYTCL-8260(14)
L2121234-05A	Plastic 250ml unpreserved	D	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2121234-06A	Plastic 250ml unpreserved/H2O fill	A	NA		3.0	Y	Absent		HOLD-537(14)

Container Comments

L2121234-01F	Sample time on container is 10:50
L2121234-01I	Sample time on container is 10:45

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05102114:08
Lab Number: L2121234
Report Date: 05/10/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-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	PFEEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 130 ST. FELIX STREET
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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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 130 ST. FELIX STREET
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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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

Data Qualifiers

- 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.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2121234
Report Date: 05/10/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, 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, **LCHAT 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.

ALPHA ANALYTICAL
 Westborough, MA 01581
 8 Walkup Dr.
 TEL: 508-898-9229
 FAX: 508-898-0183

NEW YORK CHAIN OF CUSTODY
 Mansfield, MA 02048
 320 Forbes Blvd
 TEL: 508-822-9300
 FAX: 508-822-3288

Service Centers
 Mahwah, NJ 07430: 25 Whitney Rd, Suite 5
 Albany, NY 12205: 14 Walker Way
 Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page _____ of _____

Date Rec'd in Lab: **4/27/21**

ALPHA Job #: **L2121234**

Project Information
 Project Name: **130 St. Felix Street**
 Project Location: **Brooklyn NY**
 Project # **100842301**
 (Use Project name as Project #)

Deliverables
 ASP-A ASP-B
 EQUS (1 File) EQUS (4 File)
 Other **BOREDD** ASP

Billing Information
 Same as Client Info

Client Information
 Client: **Langan**
 Address: **300 Kimball Drive**
Dorsanoy, NJ
 Phone: **973-560-4900**
 Fax: **973-560-4999**
 Email: **J.Frisco@langan.com**

Project Manager: **Jessica Frisco**
ALPHAQuote #:
Turn-Around Time
 Standard Due Date: _____
 Rush (only if pre approved) # of Days: _____

Regulatory Requirement
 NY TOGS NY Part 375
 AWO Standards NY CF-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

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

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL: _____

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOCs	SVOCs	PCBs, Herbicides	Pesticides	TAL Metals	Hex Chrome	PFAS	1,4-Dioxane	Sample Specific Comments
		Date	Time											
21234-01	025-LSB2-42-44	4/26/21	10:40	S	AB	X	X	✓	✓	X	X	X	X	
-02	026-DUP2	4/26/21	10:50	S	AQ	X	X	✓	✓	X	X	X	X	
-03	027-LSB7-42-44	4/26/21	12:25	S	AQ	X	✓	✓	✓	X	X	X	X	MS/MSD
-04	028-TB02-042621	4/26/21	12:30	AQ	AQ	X								
-05	029-GB02-042621	4/26/21	12:50	AQ	AQ							X		

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

Preservative Code:
 A = None
 B = HCl
 C = HNO₃
 D = H₂SO₄
 E = NaOH
 F = NaOH
 G = NaHSO₄
 H = Na₂S₂O₈
 K/E = Zn AcNaOH
 O = Other

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

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

Container Type
Preservative

Relinquished By: _____ **Date/Time:** **4/26/21 15:30**
Received By: _____ **Date/Time:** **4/26/21 15:00**
 _____ **4/26/21 15:30** _____ **4/26/21 22:30**
 _____ **4/27/21 02:30** _____ **4/27/21 02:30**

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



ANALYTICAL REPORT

Lab Number:	L2122822
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054-2172
ATTN:	Jessica Friscia
Phone:	(973) 560-4900
Project Name:	130 ST. FELIX STREET
Project Number:	100842301
Report Date:	05/13/21

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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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2122822-01	047_LMW-5	WATER	BROOKLYN, NY	05/03/21 14:30	05/03/21
L2122822-02	048_LMW-4	WATER	BROOKLYN, NY	05/03/21 15:37	05/03/21
L2122822-03	049_DUP-1	WATER	BROOKLYN, NY	05/03/21 16:13	05/03/21
L2122822-04	050_FB_050321	FIELD BLANK	BROOKLYN, NY	05/03/21 16:30	05/03/21
L2122822-05	051_EB_050321	EQUIPMENT BLANK	BROOKLYN, NY	05/03/21 16:15	05/03/21
L2122822-06	052_TB_050321	TRIP BLANK (AQUEOUS)	BROOKLYN, NY	05/03/21 00:00	05/03/21

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

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.

Perfluorinated Alkyl Acids by Isotope Dilution

L2122822-01, -02, -03, and WG1496413-3/-4: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

L2122822-02, -03, and WG1496413-3/-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

PCBs

The WG1495679-1 Method Blank, associated with L2122822-01 and -03, has a concentration above the reporting limit for Aroclor 1254. L2122822-01 was re-extracted with the method required holding time exceeded and both the sample and method blank (WG1497370-1) were non-detect for this target compound. The results of both extractions are reported and the original sample result is reported with a "B" qualifier. Since L2122822-03 was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG1496979-1 Method Blank, associated with L2122822-02 and -04, has a concentration above the reporting limit for Aroclor 1254. Since the samples were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Total Metals

The WG1495342-1 Method Blank, associated with L2122822-01 through -04, has a concentration above the reporting limit for calcium. Since the associated sample concentrations (L2122822-01, -02, and -03) are greater than 10x the blank concentration for this analyte, no corrective action is required. L2122822-04 is non-detect to the RL for this target analyte and no further actions were taken. The results of the original analysis are

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Case Narrative (continued)

reported.

The WG1495342-3/-4 MS/MSD recoveries for calcium (70%/58%) and sodium (44%/45%), performed on L2122822-01, do not apply because the sample concentrations are greater than four times the spike amounts added.


The WG1495342-4 MSD recovery, performed on L2122822-01, is outside the acceptance criteria for iron (285%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPD is above the acceptance criteria for iron (84%).

Dissolved Metals

The WG1495354-3/-4 MS/MSD recoveries for calcium (130%/127%), performed on L2122822-01, do not apply because the sample concentration is greater than four times the spike amount added.

The WG1495354-4 MSD recovery, performed on L2122822-01, is outside the acceptance criteria for iron (137%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPD for iron (40%) 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:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/13/21

ORGANICS

VOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/21 22:21
 Analyst: NLK

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	11		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	3.2		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
1,1,1,2,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
Client ID: 047_LMW-5
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
Date Received: 05/03/21
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	94		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/21 21:58
 Analyst: NLK

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	14		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	3.2		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
Client ID: 048_LMW-4
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	94		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
Client ID: 049_DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/05/21 21:35
Analyst: NLK

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	14		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	3.1		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
1,1,1,2,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
Client ID: 049_DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8260C
 Analytical Date: 05/05/21 21:12
 Analyst: NLK

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
1,1,1,2,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
Client ID: 050_FB_050321
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	92		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-06
 Client ID: 052_TB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 00:00
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)
 Analytical Method: 1,8260C
 Analytical Date: 05/05/21 20:48
 Analyst: NLK

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
1,1,1,2,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-06
Client ID: 052_TB_050321
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 00:00
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-06
 Client ID: 052_TB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 00:00
 Date Received: 05/03/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	93		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/21 20:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1495345-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/21 20:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1495345-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/21 20:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1495345-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	93		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1495345-3 WG1495345-4								
Methylene chloride	95		96		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	94		95		70-130	1		20
Carbon tetrachloride	86		88		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		100		63-130	4		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	89		91		62-150	2		20
1,2-Dichloroethane	96		100		70-130	4		20
1,1,1-Trichloroethane	92		94		67-130	2		20
Bromodichloromethane	89		90		67-130	1		20
trans-1,3-Dichloropropene	98		100		70-130	2		20
cis-1,3-Dichloropropene	88		91		70-130	3		20
1,1-Dichloropropene	95		97		70-130	2		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	94		95		70-130	1		20
Toluene	110		110		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	81		83		64-130	2		20
Bromomethane	42		48		39-139	13		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1495345-3 WG1495345-4								
Vinyl chloride	91		92		55-140	1		20
Chloroethane	99		100		55-138	1		20
1,1-Dichloroethene	90		92		61-145	2		20
trans-1,2-Dichloroethene	93		96		70-130	3		20
Trichloroethene	94		98		70-130	4		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	90		94		63-130	4		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	95		96		70-130	1		20
Dibromomethane	92		94		70-130	2		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	65		66		36-147	2		20
Acetone	110		120		58-148	9		20
Carbon disulfide	92		94		51-130	2		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	110		100		70-130	10		20
4-Methyl-2-pentanone	110		120		59-130	9		20
2-Hexanone	120		120		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1495345-3 WG1495345-4								
Bromochloromethane	98		100		70-130	2		20
2,2-Dichloropropane	88		88		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	98		100		64-130	2		20
Bromobenzene	110		120		70-130	9		20
n-Butylbenzene	110		120		53-136	9		20
sec-Butylbenzene	120		120		70-130	0		20
tert-Butylbenzene	110		120		70-130	9		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	89		99		41-144	11		20
Hexachlorobutadiene	100		110		63-130	10		20
Isopropylbenzene	120		120		70-130	0		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	99		110		70-130	11		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	98		110		70-130	12		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	60		72		56-162	18		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1495345-3 WG1495345-4								
p-Ethyltoluene	120		120		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		110		70-130	10		20
Ethyl ether	95		97		59-134	2		20
trans-1,4-Dichloro-2-butene	100		110		70-130	10		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	112		112		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	96		96		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 QC Batch ID: WG1495345-6 WG1495345-7 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Methylene chloride	ND	10	8.8	88		9.3	93		70-130	6		20
1,1-Dichloroethane	ND	10	9.5	95		10	100		70-130	5		20
Chloroform	11	10	21	100		21	100		70-130	0		20
Carbon tetrachloride	ND	10	8.4	84		9.0	90		63-132	7		20
1,2-Dichloropropane	ND	10	9.4	94		10	100		70-130	6		20
Dibromochloromethane	ND	10	8.5	85		9.3	93		63-130	9		20
1,1,2-Trichloroethane	ND	10	10	100		11	110		70-130	10		20
Tetrachloroethene	3.2	10	14	108		15	118		70-130	7		20
Chlorobenzene	ND	10	9.8	98		10	100		75-130	2		20
Trichlorofluoromethane	ND	10	8.9	89		9.4	94		62-150	5		20
1,2-Dichloroethane	ND	10	9.0	90		9.6	96		70-130	6		20
1,1,1-Trichloroethane	ND	10	9.0	90		9.6	96		67-130	6		20
Bromodichloromethane	ND	10	8.2	82		8.6	86		67-130	5		20
trans-1,3-Dichloropropene	ND	10	9.0	90		9.5	95		70-130	5		20
cis-1,3-Dichloropropene	ND	10	8.0	80		8.4	84		70-130	5		20
1,1-Dichloropropene	ND	10	9.5	95		9.9	99		70-130	4		20
Bromoform	ND	10	8.4	84		9.2	92		54-136	9		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		12	120		67-130	9		20
Benzene	ND	10	9.0	90		9.4	94		70-130	4		20
Toluene	ND	10	10	100		11	110		70-130	10		20
Ethylbenzene	ND	10	10	100		11	110		70-130	10		20
Chloromethane	ND	10	7.6	76		8.1	81		64-130	6		20
Bromomethane	ND	10	2.7	27	Q	3.6	36	Q	39-139	29	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 QC Batch ID: WG1495345-6 WG1495345-7 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Vinyl chloride	ND	10	8.7	87		9.4	94		55-140	8		20
Chloroethane	ND	10	9.5	95		9.9	99		55-138	4		20
1,1-Dichloroethene	ND	10	9.0	90		9.5	95		61-145	5		20
trans-1,2-Dichloroethene	ND	10	9.0	90		9.5	95		70-130	5		20
Trichloroethene	1.5	10	11	95		11	95		70-130	0		20
1,2-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,4-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
Methyl tert butyl ether	ND	10	8.4	84		8.9	89		63-130	6		20
p/m-Xylene	ND	20	20	100		21	105		70-130	5		20
o-Xylene	ND	20	20	100		21	105		70-130	5		20
cis-1,2-Dichloroethene	ND	10	9.1	91		9.6	96		70-130	5		20
Dibromomethane	ND	10	8.4	84		8.9	89		70-130	6		20
1,2,3-Trichloropropane	ND	10	11	110		12	120		64-130	9		20
Acrylonitrile	ND	10	10	100		11	110		70-130	10		20
Styrene	ND	20	19	95		20	100		70-130	5		20
Dichlorodifluoromethane	ND	10	6.6	66		6.9	69		36-147	4		20
Acetone	ND	10	11	110		12	120		58-148	9		20
Carbon disulfide	ND	10	8.9	89		9.6	96		51-130	8		20
2-Butanone	ND	10	9.8	98		10	100		63-138	2		20
Vinyl acetate	ND	10	9.6	96		10	100		70-130	4		20
4-Methyl-2-pentanone	ND	10	10	100		12	120		59-130	18		20
2-Hexanone	ND	10	11	110		12	120		57-130	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 QC Batch ID: WG1495345-6 WG1495345-7 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Bromochloromethane	ND	10	9.1	91		9.4	94		70-130	3		20
2,2-Dichloropropane	ND	10	7.5	75		8.0	80		63-133	6		20
1,2-Dibromoethane	ND	10	9.4	94		10	100		70-130	6		20
1,3-Dichloropropane	ND	10	10	100		11	110		70-130	10		20
1,1,1,2-Tetrachloroethane	ND	10	9.1	91		9.7	97		64-130	6		20
Bromobenzene	ND	10	10	100		11	110		70-130	10		20
n-Butylbenzene	ND	10	11	110		12	120		53-136	9		20
sec-Butylbenzene	ND	10	11	110		12	120		70-130	9		20
tert-Butylbenzene	ND	10	11	110		12	120		70-130	9		20
o-Chlorotoluene	ND	10	11	110		12	120		70-130	9		20
p-Chlorotoluene	ND	10	11	110		12	120		70-130	9		20
1,2-Dibromo-3-chloropropane	ND	10	8.4	84		8.9	89		41-144	6		20
Hexachlorobutadiene	ND	10	10	100		11	110		63-130	10		20
Isopropylbenzene	ND	10	12	120		12	120		70-130	0		20
p-Isopropyltoluene	ND	10	11	110		12	120		70-130	9		20
Naphthalene	ND	10	10	100		11	110		70-130	10		20
n-Propylbenzene	ND	10	11	110		12	120		69-130	9		20
1,2,3-Trichlorobenzene	ND	10	9.4	94		11	110		70-130	16		20
1,2,4-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3,5-Trimethylbenzene	ND	10	11	110		12	120		64-130	9		20
1,2,4-Trimethylbenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dioxane	ND	500	340	68		420	84		56-162	21	Q	20
p-Diethylbenzene	ND	10	10	100		11	110		70-130	10		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 QC Batch ID: WG1495345-6 WG1495345-7 QC Sample: L2122822-01 Client ID: 047_LMW-5												
p-Ethyltoluene	ND	10	11	110		12	120		70-130	9		20
1,2,4,5-Tetramethylbenzene	ND	10	10	100		11	110		70-130	10		20
Ethyl ether	ND	10	8.6	86		9.2	92		59-134	7		20
trans-1,4-Dichloro-2-butene	ND	10	9.0	90		9.8	98		70-130	9		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	105		106		70-130
4-Bromofluorobenzene	108		110		70-130
Dibromofluoromethane	96		95		70-130
Toluene-d8	111		113		70-130

SEMIVOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/07/21 22:27
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:32

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	81		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/08/21 18:17
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	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	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 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	46		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	115		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 16:34
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			52		15-110	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
Client ID: 047_LMW-5
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 12:21
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.22		ng/l	1.80	0.368	1
Perfluoropentanoic Acid (PFPeA)	16.3		ng/l	1.80	0.357	1
Perfluorobutanesulfonic Acid (PFBS)	3.86		ng/l	1.80	0.215	1
Perfluorohexanoic Acid (PFHxA)	12.1		ng/l	1.80	0.296	1
Perfluoroheptanoic Acid (PFHpA)	8.73		ng/l	1.80	0.203	1
Perfluorohexanesulfonic Acid (PFHxS)	3.50		ng/l	1.80	0.339	1
Perfluorooctanoic Acid (PFOA)	45.5		ng/l	1.80	0.213	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	12.3		ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.621	1
Perfluorononanoic Acid (PFNA)	0.462	J	ng/l	1.80	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	7.70		ng/l	1.80	0.455	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.80	0.274	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.585	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.80	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.884	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.726	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.80	0.336	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.295	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.224	1
PFOA/PFOS, Total	53.2		ng/l	1.80	0.213	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
Client ID: 047_LMW-5
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	68		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	68		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	65		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	92		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	63		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	64		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	74		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	71		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/12/21 00:32
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.80	0.523	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			14		10-112	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/07/21 22:51
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:32

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	0.66	J	ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	69		41-149



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/08/21 18:36
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.38		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.42		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.12		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.07	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	0.08	J	ug/l	0.10	0.01	1
Acenaphthylene	0.38		ug/l	0.10	0.01	1
Anthracene	0.27		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.01	J	ug/l	0.10	0.01	1
Fluorene	0.74		ug/l	0.10	0.01	1
Phenanthrene	2.1		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	0.40		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.28		ug/l	0.10	0.02	1
Pentachlorophenol	0.12	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 130 ST. FELIX STREET**Lab Number:** L2122822**Project Number:** 100842301**Report Date:** 05/13/21**SAMPLE RESULTS**

Lab ID: L2122822-02

Date Collected: 05/03/21 15:37

Client ID: 048_LMW-4

Date Received: 05/03/21

Sample Location: BROOKLYN, 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	67		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	111		10-120
4-Terphenyl-d14	114		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 15:21
 Analyst: SMB

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			52		15-110	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
Client ID: 048_LMW-4
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 13:27
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.43		ng/l	1.78	0.363	1
Perfluoropentanoic Acid (PFPeA)	14.9		ng/l	1.78	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	4.59		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	11.2		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	9.87		ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	4.24		ng/l	1.78	0.334	1
Perfluorooctanoic Acid (PFOA)	61.8		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.68		ng/l	1.78	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.612	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.278	1
Perfluorooctanesulfonic Acid (PFOS)	5.11		ng/l	1.78	0.448	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.270	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.576	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.231	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.872	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.715	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.331	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.221	1
PFOA/PFOS, Total	66.9		ng/l	1.78	0.210	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	52	Q	58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61	Q	62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	41	Q	57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	42	Q	60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	39	Q	62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	90		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	40	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	41	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	57		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	34		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	46	Q	55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	36		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	53		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/12/21 00:53
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.516	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			12		10-112	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/07/21 23:14
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:32

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
Client ID: 049_DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	0.83	J	ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	80		41-149



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/08/21 18:56
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.30		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.38		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.10	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.08	J	ug/l	0.10	0.01	1
Acenaphthylene	0.30		ug/l	0.10	0.01	1
Anthracene	0.22		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.58		ug/l	0.10	0.01	1
Phenanthrene	1.7		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.35		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.21		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	98		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 15:45
 Analyst: SMB

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			54		15-110	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
Client ID: 049_DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 13:44
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.04		ng/l	1.89	0.386	1
Perfluoropentanoic Acid (PFPeA)	14.3		ng/l	1.89	0.375	1
Perfluorobutanesulfonic Acid (PFBS)	4.49		ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	11.0		ng/l	1.89	0.311	1
Perfluoroheptanoic Acid (PFHpA)	9.67		ng/l	1.89	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	4.05		ng/l	1.89	0.356	1
Perfluorooctanoic Acid (PFOA)	60.0		ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.03		ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.652	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.89	0.295	1
Perfluorooctanesulfonic Acid (PFOS)	4.96		ng/l	1.89	0.477	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.288	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.614	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.89	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.928	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.89	0.761	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.352	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.310	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.235	1
PFOA/PFOS, Total	65.0		ng/l	1.89	0.223	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	57	Q	58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	67		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	46	Q	57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	46	Q	60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	44	Q	62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	45	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	49	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	62		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	44		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	56		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	63		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	93		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/12/21 01:01
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.549	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			12		10-112	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8270D
 Analytical Date: 05/07/21 23:38
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:32

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	101		41-149



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/08/21 19:16
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 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	66		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	116		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 16:09
 Analyst: SMB

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			56		15-110	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/11/21 14:00
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.220	1
Perfluorohexanoic Acid (PFHxA)	0.435	J	ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.347	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.635	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.465	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.598	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.904	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.742	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.229	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.218	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	131		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	68		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-05
 Client ID: 051_EB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:15
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/11/21 14:17
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.80	0.368	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.80	0.357	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.80	0.215	1
Perfluorohexanoic Acid (PFHxA)	0.397	J	ng/l	1.80	0.296	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.80	0.203	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.80	0.339	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.80	0.213	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.621	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.80	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.80	0.455	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.80	0.274	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.585	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.80	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.884	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.80	0.523	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.726	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.80	0.336	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.295	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.224	1
PFOA/PFOS, Total	ND		ng/l	1.80	0.213	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-05
 Client ID: 051_EB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:15
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	130		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	68		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	70		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	50		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	83		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/10/21 09:17
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01-04 Batch: WG1495692-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	51		15-110

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/07/21 20:28
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 12:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1495876-1					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/07/21 20:28
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 12:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1495876-1					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 05/07/21 20:28
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 12:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1495876-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	80		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/08/21 16:39
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 12:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1495878-1					
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	0.02	J	ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.02	J	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/08/21 16:39
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 12:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1495878-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	93		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/10/21 22:31
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-05 Batch: WG1496413-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	94		10-112

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 11:15
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-05 Batch: WG1496413-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.468	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 11:15
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/09/21 09:02

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-05 Batch: WG1496413-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	135		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	77		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	69		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495692-2 WG1495692-3								
1,4-Dioxane	107		109		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	55		56		15-110



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1495876-2 WG1495876-3								
Acenaphthene	57		69		37-111	19		30
1,2,4-Trichlorobenzene	50		61		39-98	20		30
Hexachlorobenzene	50		64		40-140	25		30
Bis(2-chloroethyl)ether	55		68		40-140	21		30
2-Chloronaphthalene	55		67		40-140	20		30
1,2-Dichlorobenzene	52		64		40-140	21		30
1,3-Dichlorobenzene	50		63		40-140	23		30
1,4-Dichlorobenzene	53		65		36-97	20		30
3,3'-Dichlorobenzidine	60		70		40-140	15		30
2,4-Dinitrotoluene	66		78		48-143	17		30
2,6-Dinitrotoluene	61		75		40-140	21		30
Fluoranthene	63		74		40-140	16		30
4-Chlorophenyl phenyl ether	53		66		40-140	22		30
4-Bromophenyl phenyl ether	49		59		40-140	19		30
Bis(2-chloroisopropyl)ether	56		69		40-140	21		30
Bis(2-chloroethoxy)methane	52		66		40-140	24		30
Hexachlorobutadiene	47		62		40-140	28		30
Hexachlorocyclopentadiene	52		64		40-140	21		30
Hexachloroethane	48		61		40-140	24		30
Isophorone	53		64		40-140	19		30
Naphthalene	56		70		40-140	22		30
Nitrobenzene	63		76		40-140	19		30
NDPA/DPA	59		71		40-140	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1495876-2 WG1495876-3								
n-Nitrosodi-n-propylamine	56		69		29-132	21		30
Bis(2-ethylhexyl)phthalate	71		82		40-140	14		30
Butyl benzyl phthalate	74		83		40-140	11		30
Di-n-butylphthalate	66		74		40-140	11		30
Di-n-octylphthalate	78		84		40-140	7		30
Diethyl phthalate	58		73		40-140	23		30
Dimethyl phthalate	58		69		40-140	17		30
Benzo(a)anthracene	66		80		40-140	19		30
Benzo(a)pyrene	78		91		40-140	15		30
Benzo(b)fluoranthene	70		81		40-140	15		30
Benzo(k)fluoranthene	70		83		40-140	17		30
Chrysene	62		76		40-140	20		30
Acenaphthylene	59		73		45-123	21		30
Anthracene	65		78		40-140	18		30
Benzo(ghi)perylene	69		82		40-140	17		30
Fluorene	58		70		40-140	19		30
Phenanthrene	64		76		40-140	17		30
Dibenzo(a,h)anthracene	69		81		40-140	16		30
Indeno(1,2,3-cd)pyrene	74		82		40-140	10		30
Pyrene	62		72		26-127	15		30
Biphenyl	56		70		40-140	22		30
4-Chloroaniline	50		68		40-140	31	Q	30
2-Nitroaniline	67		80		52-143	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1495876-2 WG1495876-3								
3-Nitroaniline	60		73		25-145	20		30
4-Nitroaniline	67		75		51-143	11		30
Dibenzofuran	56		70		40-140	22		30
2-Methylnaphthalene	56		71		40-140	24		30
1,2,4,5-Tetrachlorobenzene	52		66		2-134	24		30
Acetophenone	56		67		39-129	18		30
2,4,6-Trichlorophenol	59		74		30-130	23		30
p-Chloro-m-cresol	62		78		23-97	23		30
2-Chlorophenol	58		73		27-123	23		30
2,4-Dichlorophenol	60		73		30-130	20		30
2,4-Dimethylphenol	62		77		30-130	22		30
2-Nitrophenol	76		92		30-130	19		30
4-Nitrophenol	48		62		10-80	25		30
2,4-Dinitrophenol	82		88		20-130	7		30
4,6-Dinitro-o-cresol	73		80		20-164	9		30
Pentachlorophenol	64		75		9-103	16		30
Phenol	41		51		12-110	22		30
2-Methylphenol	56		69		30-130	21		30
3-Methylphenol/4-Methylphenol	59		71		30-130	18		30
2,4,5-Trichlorophenol	58		74		30-130	24		30
Benzoic Acid	56		58		10-164	4		30
Benzyl Alcohol	44		60		26-116	31	Q	30
Carbazole	68		78		55-144	14		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1495876-2 WG1495876-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	59		76		21-120
Phenol-d6	51		65		10-120
Nitrobenzene-d5	74		87		23-120
2-Fluorobiphenyl	67		88		15-120
2,4,6-Tribromophenol	69		82		10-120
4-Terphenyl-d14	75		87		41-149



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1495878-2 WG1495878-3								
Acenaphthene	83		82		40-140	1		40
2-Chloronaphthalene	81		79		40-140	3		40
Fluoranthene	88		88		40-140	0		40
Hexachlorobutadiene	77		75		40-140	3		40
Naphthalene	81		78		40-140	4		40
Benzo(a)anthracene	82		83		40-140	1		40
Benzo(a)pyrene	88		88		40-140	0		40
Benzo(b)fluoranthene	81		84		40-140	4		40
Benzo(k)fluoranthene	92		86		40-140	7		40
Chrysene	88		90		40-140	2		40
Acenaphthylene	80		78		40-140	3		40
Anthracene	87		85		40-140	2		40
Benzo(ghi)perylene	91		89		40-140	2		40
Fluorene	85		83		40-140	2		40
Phenanthrene	85		84		40-140	1		40
Dibenzo(a,h)anthracene	90		88		40-140	2		40
Indeno(1,2,3-cd)pyrene	88		88		40-140	0		40
Pyrene	89		88		40-140	1		40
2-Methylnaphthalene	84		81		40-140	4		40
Pentachlorophenol	76		74		40-140	3		40
Hexachlorobenzene	86		83		40-140	4		40
Hexachloroethane	71		70		40-140	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1495878-2 WG1495878-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		69		21-120
Phenol-d6	58		57		10-120
Nitrobenzene-d5	88		85		23-120
2-Fluorobiphenyl	91		88		15-120
2,4,6-Tribromophenol	99		97		10-120
4-Terphenyl-d14	101		101		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05 Batch: WG1496413-2								
Perfluorooctanesulfonamide (FOSA)	92		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	94				10-112

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05 Batch: WG1496413-2								
Perfluorobutanoic Acid (PFBA)	96		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	97		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	91		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	96		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	96		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	91		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	93		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	99		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	93		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	94		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	98		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	98		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	113		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	99		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05 Batch: WG1496413-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	129				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	77				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	104				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	100				22-136

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab 047_LMW-5 Associated sample(s): 01-04 QC Batch ID: WG1495692-4 WG1495692-5 QC Sample: L2122822-01 Client ID:												
1,4-Dioxane	ND	5000	5330	107		5110	106		40-140	4		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	56		54		15-110



Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1495876-4 WG1495876-5 QC Sample: L2122822-01 Client ID: 047_LMW-5												
1,2,4-Trichlorobenzene	ND	18.2	8.0	44		7.9	43		39-98	1		30
Bis(2-chloroethyl)ether	ND	18.2	8.6	47		9.1	50		40-140	6		30
1,2-Dichlorobenzene	ND	18.2	8.5	47		8.2	45		40-140	4		30
1,3-Dichlorobenzene	ND	18.2	8.5	47		8.4	46		40-140	1		30
1,4-Dichlorobenzene	ND	18.2	8.4	46		8.6	47		36-97	2		30
3,3'-Dichlorobenzidine	ND	18.2	4.5J	25	Q	5.5	30	Q	40-140	20		30
2,4-Dinitrotoluene	ND	18.2	10	22	Q	10	22	Q	48-143	0		30
2,6-Dinitrotoluene	ND	18.2	10	55		11	61		40-140	10		30
4-Chlorophenyl phenyl ether	ND	18.2	7.8	43		8.0	44		40-140	3		30
4-Bromophenyl phenyl ether	ND	18.2	7.2	40		7.7	42		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	18.2	8.9	49		9.0	50		40-140	1		30
Bis(2-chloroethoxy)methane	ND	18.2	8.3	46		8.6	47		40-140	4		30
Hexachlorocyclopentadiene	ND	18.2	8.0J	44		7.9J	43		40-140	1		30
Isophorone	ND	18.2	8.1	45		8.5	47		40-140	5		30
Nitrobenzene	ND	18.2	10	55		11	61		40-140	10		30
NDPA/DPA	ND	18.2	8.2	45		8.5	47		40-140	4		30
n-Nitrosodi-n-propylamine	ND	18.2	8.8	48		9.0	50		29-132	2		30
Bis(2-ethylhexyl)phthalate	ND	18.2	9.8	54		10	55		40-140	2		30
Butyl benzyl phthalate	ND	18.2	11	61		11	61		40-140	0		30
Di-n-butylphthalate	ND	18.2	9.1	50		9.3	51		40-140	2		30
Di-n-octylphthalate	ND	18.2	11	61		11	61		40-140	0		30
Diethyl phthalate	ND	18.2	8.6	47		8.7	48		40-140	1		30
Dimethyl phthalate	ND	18.2	8.7	48		8.8	48		40-140	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1495876-4 WG1495876-5 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Biphenyl	ND	18.2	8.6	47		9.0	50		40-140	5		30
4-Chloroaniline	ND	18.2	6.0	33	Q	7.1	39	Q	40-140	17		30
2-Nitroaniline	ND	18.2	10	55		9.9	54		52-143	1		30
3-Nitroaniline	ND	18.2	6.3	35		6.7	37		25-145	6		30
4-Nitroaniline	ND	18.2	8.0	44	Q	7.7	42	Q	51-143	4		30
Dibenzofuran	ND	18.2	8.2	45		8.6	47		40-140	5		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	7.9J	43		8.2J	45		2-134	4		30
Acetophenone	ND	18.2	8.6	47		8.9	49		39-129	3		30
2,4,6-Trichlorophenol	ND	18.2	9.6	53		9.4	52		30-130	2		30
p-Chloro-m-cresol	ND	18.2	9.3	51		9.7	53		23-97	4		30
2-Chlorophenol	ND	18.2	9.2	51		9.4	52		27-123	2		30
2,4-Dichlorophenol	ND	18.2	9.5	52		9.9	54		30-130	4		30
2,4-Dimethylphenol	ND	18.2	7.5	41		9.5	52		30-130	24		30
2-Nitrophenol	ND	18.2	13	72		13	72		30-130	0		30
4-Nitrophenol	ND	18.2	7.4J	41		7.5J	41		10-80	1		30
2,4-Dinitrophenol	ND	18.2	14.J	77		14.J	77		20-130	0		30
4,6-Dinitro-o-cresol	ND	18.2	12	66		12	66		20-164	0		30
Phenol	ND	18.2	6.8	37		6.9	38		12-110	1		30
2-Methylphenol	ND	18.2	8.4	46		9.0	50		30-130	7		30
3-Methylphenol/4-Methylphenol	ND	18.2	9.0	50		9.6	53		30-130	6		30
2,4,5-Trichlorophenol	ND	18.2	9.1	50		9.4	52		30-130	3		30
Benzoic Acid	ND	18.2	12.J	66		12.J	66		10-164	0		30
Benzyl Alcohol	ND	18.2	8.0	44		8.7	48		26-116	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1495876-4 WG1495876-5 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Carbazole	ND	18.2	9.3	51	Q	9.1	50	Q	55-144	2		30

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
2,4,6-Tribromophenol	55		59		10-120
2-Fluorobiphenyl	57		59		15-120
2-Fluorophenol	55		56		21-120
4-Terphenyl-d14	57		58		41-149
Nitrobenzene-d5	63		66		23-120
Phenol-d6	46		46		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1495878-4 WG1495878-5 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Acenaphthene	ND	18.2	18	99		16	88		40-140	12		40
2-Chloronaphthalene	ND	18.2	18	99		16	88		40-140	12		40
Fluoranthene	ND	18.2	19	100		17	94		40-140	11		40
Hexachlorobutadiene	ND	18.2	17	94		15	83		40-140	13		40
Naphthalene	ND	18.2	17	94		15	83		40-140	13		40
Benzo(a)anthracene	ND	18.2	18	99		16	88		40-140	12		40
Benzo(a)pyrene	ND	18.2	19	100		16	88		40-140	17		40
Benzo(b)fluoranthene	ND	18.2	17	94		16	88		40-140	6		40
Benzo(k)fluoranthene	ND	18.2	19	100		16	88		40-140	17		40
Chrysene	ND	18.2	19	100		17	94		40-140	11		40
Acenaphthylene	ND	18.2	17	94		16	88		40-140	6		40
Anthracene	ND	18.2	18	99		17	94		40-140	6		40
Benzo(ghi)perylene	ND	18.2	20	110		17	94		40-140	16		40
Fluorene	ND	18.2	18	99		17	94		40-140	6		40
Phenanthrene	0.05J	18.2	18	99		16	88		40-140	12		40
Dibenzo(a,h)anthracene	ND	18.2	19	100		18	99		40-140	5		40
Indeno(1,2,3-cd)pyrene	ND	18.2	19	100		16	88		40-140	17		40
Pyrene	0.02J	18.2	19	100		17	94		40-140	11		40
2-Methylnaphthalene	ND	18.2	18	99		16	88		40-140	12		40
Pentachlorophenol	ND	18.2	17	94		14	77		40-140	19		40
Hexachlorobenzene	ND	18.2	18	99		16	88		40-140	12		40
Hexachloroethane	ND	18.2	16	88		14	77		40-140	13		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1495878-4 WG1495878-5 QC Sample: L2122822-01
Client ID: 047_LMW-5

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	124	Q	113		10-120
2-Fluorobiphenyl	113		102		15-120
2-Fluorophenol	91		81		21-120
4-Terphenyl-d14	122		109		41-149
Nitrobenzene-d5	107		95		23-120
Phenol-d6	76		68		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1496413-3 WG1496413-4 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Perfluorobutanoic Acid (PFBA)	7.22	36	40.9	94		41.1	93		67-148	0		30
Perfluoropentanoic Acid (PFPeA)	16.3	36	50.7	96		51.2	96		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	3.86	31.9	32.8	91		33.7	92		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	12.1	36	46.0	94		48.0	99		69-168	4		30
Perfluoroheptanoic Acid (PFHpA)	8.73	36	42.7	94		43.0	94		58-159	1		30
Perfluorohexanesulfonic Acid (PFHxS)	3.50	32.9	34.1	93		40.0	110		69-177	16		30
Perfluorooctanoic Acid (PFOA)	45.5	36	77.7	90		80.4	96		63-159	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	12.3	34.2	46.3	99		47.5	102		49-187	3		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34.2	36.4	106		35.0	101		61-179	4		30
Perfluorononanoic Acid (PFNA)	0.462J	36	33.9	93		34.6	94		68-171	2		30
Perfluorooctanesulfonic Acid (PFOS)	7.70	33.4	40.6	99		42.1	102		52-151	4		30
Perfluorodecanoic Acid (PFDA)	ND	36	31.8	88		33.2	91		63-171	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	34.5	39.9	116		36.9	106		56-173	8		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36	31.6	88		31.8	88		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	ND	36	31.9	89		32.1	88		60-153	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	34.7	27.9	80		29.6	84		38-156	6		30
Perfluorooctanesulfonamide (FOSA)	ND	36	32.5F	90		36.4	100		46-170	11		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36	32.7	91		34.5	95		45-170	5		30
Perfluorododecanoic Acid (PFDoA)	ND	36	33.6	93		34.8	96		67-153	4		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36	41.9	116		40.9	112		48-158	2		30
Perfluorotetradecanoic Acid (PFTTA)	ND	36	34.7	96		35.1	96		59-182	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1496413-3 WG1496413-4 QC Sample: L2122822-01
Client ID: 047_LMW-5

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	63		73		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	80		93		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		42		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	46		47		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	53	Q	55		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	50	Q	52	Q	62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	57		57		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	58	Q	60		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		90		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	54		54		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		69		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	61		63		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		76		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14		16		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77		85		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	56	Q	57	Q	62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	51	Q	52	Q	59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		103		70-131

PCBS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/13/21 15:02
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 14:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/08/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/08/21

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	0.142	B	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	0.142	B	ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	58		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01 RE
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/12/21 23:15
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/11/21 19:33
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/12/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/12/21

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	B
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	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/11/21 13:12
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/10/21 23:17
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/11/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/11/21

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	B
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	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/13/21 14:55
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 14:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/08/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/08/21

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	B
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	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8082A
 Analytical Date: 05/11/21 12:26
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/10/21 23:17
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/11/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/11/21

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	64		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 05/10/21 20:32
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 07:21
Cleanup Method: EPA 3665A
Cleanup Date: 05/07/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG1495679-1						
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	0.088		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	0.088		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	57		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/11/21 11:55
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 05/10/21 23:17
Cleanup Method: EPA 3665A
Cleanup Date: 05/11/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/11/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,04 Batch: WG1496979-1						
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 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
Aroclor 1254	0.104		ug/l	0.071	0.061	B
PCBs, Total	0.104		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 05/12/21 09:06
 Analyst: JM

Extraction Method: EPA 3510C
 Extraction Date: 05/11/21 13:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/11/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1497370-1						
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 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
Aroclor 1254	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1495679-2 WG1495679-3									
Aroclor 1016	64		64		40-140	1		50	A
Aroclor 1260	62		60		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		62		30-150	A
Decachlorobiphenyl	62		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		66		30-150	B
Decachlorobiphenyl	65		64		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2122822

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1496979-2 WG1496979-3									
Aroclor 1016	80		64		40-140	23		50	A
Aroclor 1260	78		61		40-140	24		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		62		30-150	A
Decachlorobiphenyl	76		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		68		30-150	B
Decachlorobiphenyl	82		69		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1497370-2 WG1497370-3									
Aroclor 1016	55		52		40-140	6		50	A
Aroclor 1260	52		51		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		34		30-150	A
Decachlorobiphenyl	51		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		37		30-150	B
Decachlorobiphenyl	59		60		30-150	B



Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1495679-4 WG1495679-5 QC Sample: L2122822-01 Client ID: 047_LMW-5													
Aroclor 1016	ND	1.78	1.00	56		1.02	57		40-140	2		50	A
Aroclor 1260	ND	1.78	0.916	51		0.964	54		40-140	5		50	A

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>	<i>Column</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>		
2,4,5,6-Tetrachloro-m-xylene	52		55		30-150	A
Decachlorobiphenyl	51		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		59		30-150	B
Decachlorobiphenyl	56		59		30-150	B

PESTICIDES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/08/21 12:52
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 14:54

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: 130 ST. FELIX STREET**Lab Number:** L2122822**Project Number:** 100842301**Report Date:** 05/13/21**SAMPLE RESULTS**

Lab ID: L2122822-01

Date Collected: 05/03/21 14:30

Client ID: 047_LMW-5

Date Received: 05/03/21

Sample Location: BROOKLYN, 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	34		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	29	Q	30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 05/08/21 17:29
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/07/21 12:18

Methylation Date: 05/08/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	88		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
Client ID: 048_LMW-4
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/08/21 13:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 14:54

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: 130 ST. FELIX STREET**Lab Number:** L2122822**Project Number:** 100842301**Report Date:** 05/13/21**SAMPLE RESULTS**

Lab ID: L2122822-02

Date Collected: 05/03/21 15:37

Client ID: 048_LMW-4

Date Received: 05/03/21

Sample Location: BROOKLYN, 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	92		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
 Client ID: 048_LMW-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 05/08/21 18:23
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/07/21 12:18

Methylation Date: 05/08/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	113		30-150	A
DCAA	103		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/08/21 13:33
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 14:54

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: 130 ST. FELIX STREET**Lab Number:** L2122822**Project Number:** 100842301**Report Date:** 05/13/21**SAMPLE RESULTS**

Lab ID: L2122822-03

Date Collected: 05/03/21 16:13

Client ID: 049_DUP-1

Date Received: 05/03/21

Sample Location: BROOKLYN, 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	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
 Client ID: 049_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 05/08/21 18:42
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/07/21 12:18

Methylation Date: 05/08/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	115		30-150	A
DCAA	103		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8081B
 Analytical Date: 05/08/21 13:44
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 05/07/21 14:54

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: 130 ST. FELIX STREET**Lab Number:** L2122822**Project Number:** 100842301**Report Date:** 05/13/21**SAMPLE RESULTS**

Lab ID: L2122822-04

Date Collected: 05/03/21 16:30

Client ID: 050_FB_050321

Date Received: 05/03/21

Sample Location: BROOKLYN, 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	104		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
 Client ID: 050_FB_050321
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank
 Analytical Method: 1,8151A
 Analytical Date: 05/08/21 19:00
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/07/21 12:18

Methylation Date: 05/08/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	113		30-150	A
DCAA	97		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/07/21 22:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1495689-1						
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 05/07/21 22:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/07/21 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1495689-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/08/21 16:34
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 05/07/21 12:18

Methylation Date: 05/08/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1495869-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1495689-2 WG1495689-3									
Delta-BHC	57		65		30-150	13		20	A
Lindane	70		79		30-150	12		20	A
Alpha-BHC	74		82		30-150	11		20	A
Beta-BHC	68		77		30-150	12		20	A
Heptachlor	64		74		30-150	15		20	A
Aldrin	62		71		30-150	13		20	A
Heptachlor epoxide	65		73		30-150	12		20	A
Endrin	66		75		30-150	12		20	A
Endrin aldehyde	58		70		30-150	19		20	A
Endrin ketone	64		75		30-150	15		20	A
Dieldrin	69		77		30-150	11		20	A
4,4'-DDE	64		73		30-150	13		20	A
4,4'-DDD	71		80		30-150	11		20	A
4,4'-DDT	71		81		30-150	13		20	A
Endosulfan I	64		73		30-150	13		20	A
Endosulfan II	67		76		30-150	12		20	A
Endosulfan sulfate	60		69		30-150	15		20	A
Methoxychlor	62		70		30-150	12		20	A
cis-Chlordane	68		75		30-150	11		20	A
trans-Chlordane	68		77		30-150	12		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1495689-2 WG1495689-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		73		30-150	A
Decachlorobiphenyl	58		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		77		30-150	B
Decachlorobiphenyl	69		76		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1495869-2 WG1495869-3									
2,4-D	99		102		30-150	3		25	A
2,4,5-T	95		95		30-150	0		25	A
2,4,5-TP (Silvex)	96		98		30-150	2		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	107		111		30-150	A
DCAA	104		108		30-150	B



Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Organochlorine Pesticides by GC - Westborough Lab ID: 047_LMW-5 Associated sample(s): 01-04 QC Batch ID: WG1495689-4 WG1495689-5 QC Sample: L2122822-01 Client													
Delta-BHC	ND	0.357	0.274	77		0.255	71		30-150	7		30	A
Lindane	ND	0.357	0.318	89		0.325	91		30-150	2		30	A
Alpha-BHC	ND	0.357	0.327	92		0.292	82		30-150	11		30	A
Beta-BHC	ND	0.357	0.297	83		0.280	78		30-150	6		30	A
Heptachlor	ND	0.357	0.338	95		0.319	89		30-150	6		30	A
Aldrin	ND	0.357	0.333	93		0.307	86		30-150	8		30	A
Heptachlor epoxide	ND	0.357	0.324	91		0.306	86		30-150	6		30	A
Endrin	ND	0.357	0.339	95		0.315	88		30-150	7		30	A
Endrin aldehyde	ND	0.357	0.300	84		0.277	78		30-150	8		30	A
Endrin ketone	ND	0.357	0.339	95		0.307	86		30-150	10		30	A
Dieldrin	ND	0.357	0.350	98		0.327	92		30-150	7		30	A
4,4'-DDE	ND	0.357	0.338	95		0.318	89		30-150	6		30	A
4,4'-DDD	ND	0.357	0.367	103		0.338	95		30-150	8		30	A
4,4'-DDT	ND	0.357	0.369	103		0.334	94		30-150	10		30	A
Endosulfan I	ND	0.357	0.363	102		0.336	94		30-150	8		30	A
Endosulfan II	ND	0.357	0.339	95		0.316	88		30-150	7		30	A
Endosulfan sulfate	ND	0.357	0.329	92		0.299	84		30-150	10		30	A
Methoxychlor	ND	0.357	0.372	104		0.342	96		30-150	8		30	A
cis-Chlordane	ND	0.357	0.312	87		0.291	82		30-150	7		30	A
trans-Chlordane	ND	0.357	0.305	85		0.284	80		30-150	7		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1495689-4 WG1495689-5 QC Sample: L2122822-01 Client ID: 047_LMW-5

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	93		86		30-150	A
Decachlorobiphenyl	61		51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		74		30-150	B
Decachlorobiphenyl	79		77		30-150	B

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1495869-4 WG1495869-5 QC Sample: L2122822-01 Client ID: 047_LMW-5													
2,4-D	ND	5	5.71J	114		6.16J	123		30-150	8		25	A
2,4,5-T	ND	5	4.87	97		5.12	102		30-150	5		25	A
2,4,5-TP (Silvex)	ND	5	5.09	102		5.45	109		30-150	7		25	A

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
DCAA	110		121		30-150	A
DCAA	767	Q	906	Q	30-150	B



METALS

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.178		mg/l	0.0100	0.00327	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Antimony, Total	0.00075	J	mg/l	0.00400	0.00042	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00070		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Barium, Total	0.06791		mg/l	0.00050	0.00017	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Calcium, Total	75.4		mg/l	0.100	0.0394	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Chromium, Total	0.00092	J	mg/l	0.00100	0.00017	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00103		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Copper, Total	0.00157		mg/l	0.00100	0.00038	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Iron, Total	0.382		mg/l	0.0500	0.0191	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Lead, Total	0.00060	J	mg/l	0.00100	0.00034	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Magnesium, Total	23.3		mg/l	0.0700	0.0242	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Manganese, Total	0.5201		mg/l	0.00100	0.00044	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 12:43	EPA 7470A	1,7470A	NB
Nickel, Total	0.00513		mg/l	0.00200	0.00055	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Potassium, Total	6.21		mg/l	0.100	0.0309	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Sodium, Total	59.9		mg/l	0.100	0.0293	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/21 06:00	05/07/21 16:12	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		05/07/21 16:12	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
 Client ID: 047_LMW-5
 Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
 Date Received: 05/03/21
 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00734	J	mg/l	0.0100	0.00327	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00135	J	mg/l	0.00400	0.00042	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00065		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.07295		mg/l	0.00050	0.00017	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Calcium, Dissolved	82.0		mg/l	0.100	0.0394	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00084		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00081	J	mg/l	0.00100	0.00038	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0278	J	mg/l	0.0500	0.0191	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	25.5		mg/l	0.0700	0.0242	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.5083		mg/l	0.00100	0.00044	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/06/21 21:05	05/08/21 14:06	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00338		mg/l	0.00200	0.00055	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Potassium, Dissolved	5.98		mg/l	0.100	0.0309	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00188	J	mg/l	0.00500	0.00173	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Sodium, Dissolved	64.7		mg/l	0.100	0.0293	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00054	J	mg/l	0.00100	0.00014	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/06/21 20:10	05/07/21 11:52	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02

Date Collected: 05/03/21 15:37

Client ID: 048_LMW-4

Date Received: 05/03/21

Sample Location: BROOKLYN, 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	0.0451		mg/l	0.0100	0.00327	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00114		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Barium, Total	0.08792		mg/l	0.00050	0.00017	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Calcium, Total	84.2		mg/l	0.100	0.0394	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Chromium, Total	0.00068	J	mg/l	0.00100	0.00017	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00066		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Copper, Total	0.00143		mg/l	0.00100	0.00038	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Iron, Total	0.148		mg/l	0.0500	0.0191	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Lead, Total	0.00861		mg/l	0.00100	0.00034	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Magnesium, Total	27.6		mg/l	0.0700	0.0242	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Manganese, Total	0.1990		mg/l	0.00100	0.00044	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 13:40	EPA 7470A	1,7470A	NB
Nickel, Total	0.00228		mg/l	0.00200	0.00055	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Potassium, Total	4.13		mg/l	0.100	0.0309	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Selenium, Total	0.00239	J	mg/l	0.00500	0.00173	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Sodium, Total	59.7		mg/l	0.100	0.0293	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/21 06:00	05/07/21 17:49	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		05/07/21 17:49	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02

Date Collected: 05/03/21 15:37

Client ID: 048_LMW-4

Date Received: 05/03/21

Sample Location: BROOKLYN, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00858	J	mg/l	0.0100	0.00327	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00064	J	mg/l	0.00400	0.00042	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00094		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.09066		mg/l	0.00050	0.00017	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Calcium, Dissolved	94.4		mg/l	0.100	0.0394	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00056		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00072	J	mg/l	0.00100	0.00038	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0334	J	mg/l	0.0500	0.0191	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Lead, Dissolved	0.00301		mg/l	0.00100	0.00034	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	29.0		mg/l	0.0700	0.0242	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.1999		mg/l	0.00100	0.00044	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/06/21 21:05	05/08/21 14:22	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00211		mg/l	0.00200	0.00055	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.39		mg/l	0.100	0.0309	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00236	J	mg/l	0.00500	0.00173	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Sodium, Dissolved	63.0		mg/l	0.100	0.0293	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00021	J	mg/l	0.00100	0.00014	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/06/21 20:10	05/07/21 11:57	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03

Date Collected: 05/03/21 16:13

Client ID: 049_DUP-1

Date Received: 05/03/21

Sample Location: BROOKLYN, 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	0.0335		mg/l	0.0100	0.00327	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00108		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Barium, Total	0.08821		mg/l	0.00050	0.00017	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Calcium, Total	83.8		mg/l	0.100	0.0394	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Chromium, Total	0.00050	J	mg/l	0.00100	0.00017	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00061		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Copper, Total	0.00150		mg/l	0.00100	0.00038	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Iron, Total	0.0971		mg/l	0.0500	0.0191	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Lead, Total	0.00693		mg/l	0.00100	0.00034	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Magnesium, Total	26.6		mg/l	0.0700	0.0242	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Manganese, Total	0.1851		mg/l	0.00100	0.00044	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 13:43	EPA 7470A	1,7470A	NB
Nickel, Total	0.00202		mg/l	0.00200	0.00055	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Potassium, Total	3.88		mg/l	0.100	0.0309	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Selenium, Total	0.00224	J	mg/l	0.00500	0.00173	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Sodium, Total	56.9		mg/l	0.100	0.0293	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/21 06:00	05/07/21 17:54	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		05/07/21 17:54	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03

Date Collected: 05/03/21 16:13

Client ID: 049_DUP-1

Date Received: 05/03/21

Sample Location: BROOKLYN, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00871	J	mg/l	0.0100	0.00327	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00047	J	mg/l	0.00400	0.00042	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00092		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.08867		mg/l	0.00050	0.00017	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Calcium, Dissolved	93.1		mg/l	0.100	0.0394	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00021	J	mg/l	0.00100	0.00017	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00048	J	mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00073	J	mg/l	0.00100	0.00038	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0212	J	mg/l	0.0500	0.0191	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Lead, Dissolved	0.00300		mg/l	0.00100	0.00034	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	28.1		mg/l	0.0700	0.0242	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.1856		mg/l	0.00100	0.00044	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/06/21 21:05	05/08/21 14:26	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00185	J	mg/l	0.00200	0.00055	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.30		mg/l	0.100	0.0309	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00238	J	mg/l	0.00500	0.00173	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Sodium, Dissolved	61.2		mg/l	0.100	0.0293	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00015	J	mg/l	0.00100	0.00014	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/06/21 20:10	05/07/21 12:02	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04

Date Collected: 05/03/21 16:30

Client ID: 050_FB_050321

Date Received: 05/03/21

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00021	J	mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 13:46	EPA 7470A	1,7470A	NB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Thallium, Total	0.00025	J	mg/l	0.00100	0.00014	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/21 06:00	05/07/21 17:39	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		05/07/21 17:39	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04

Date Collected: 05/03/21 16:30

Client ID: 050_FB_050321

Date Received: 05/03/21

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00067	J	mg/l	0.00400	0.00042	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0496	J	mg/l	0.0500	0.0191	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/06/21 21:05	05/08/21 14:29	EPA 7470A	1,7470A	NB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Sodium, Dissolved	0.0673	J	mg/l	0.100	0.0293	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00026	J	mg/l	0.00100	0.00014	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/06/21 20:10	05/07/21 13:04	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

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): 01-04 Batch: WG1495342-1										
Aluminum, Total	0.00505	J	mg/l	0.0100	0.00327	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Arsenic, Total	0.00019	J	mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Barium, Total	0.00035	J	mg/l	0.00050	0.00017	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Calcium, Total	0.173		mg/l	0.100	0.0394	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Copper, Total	0.00044	J	mg/l	0.00100	0.00038	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Lead, Total	0.00080	J	mg/l	0.00100	0.00034	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Manganese, Total	0.00076	J	mg/l	0.00100	0.00044	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Thallium, Total	0.00024	J	mg/l	0.00100	0.00014	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/21 06:00	05/07/21 15:39	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1495344-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 10:32	05/07/21 12:36	1,7470A	NB



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1495354-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Thallium, Dissolved	0.00025	J	mg/l	0.00100	0.00014	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD
Zinc, Dissolved	0.00554	J	mg/l	0.01000	0.00341	1	05/06/21 20:10	05/07/21 12:24	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1495356-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00009	1	05/06/21 21:05	05/08/21 13:59	1,7470A	NB

Prep Information

Digestion Method: EPA 7470A



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495342-2								
Aluminum, Total	91		-		80-120	-		
Antimony, Total	91		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	117		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2122822

Report Date: 05/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495342-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495344-2					
Mercury, Total	94	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495354-2					
Aluminum, Dissolved	100	-	80-120	-	
Antimony, Dissolved	88	-	80-120	-	
Arsenic, Dissolved	102	-	80-120	-	
Barium, Dissolved	101	-	80-120	-	
Beryllium, Dissolved	106	-	80-120	-	
Cadmium, Dissolved	104	-	80-120	-	
Calcium, Dissolved	94	-	80-120	-	
Chromium, Dissolved	99	-	80-120	-	
Cobalt, Dissolved	97	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Iron, Dissolved	108	-	80-120	-	
Lead, Dissolved	102	-	80-120	-	
Magnesium, Dissolved	99	-	80-120	-	
Manganese, Dissolved	101	-	80-120	-	
Nickel, Dissolved	93	-	80-120	-	
Potassium, Dissolved	98	-	80-120	-	
Selenium, Dissolved	112	-	80-120	-	
Silver, Dissolved	98	-	80-120	-	
Sodium, Dissolved	98	-	80-120	-	
Thallium, Dissolved	110	-	80-120	-	
Vanadium, Dissolved	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2122822

Report Date: 05/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495354-2					
Zinc, Dissolved	105	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495356-2					
Mercury, Dissolved	101	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

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): 01-04 QC Batch ID: WG1495342-3 WG1495342-4 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Aluminum, Total	0.178	2	1.92	87		1.92	87		75-125	0		20
Antimony, Total	0.00075J	0.5	0.4533	91		0.4354	87		75-125	4		20
Arsenic, Total	0.00070	0.12	0.1238	102		0.1219	101		75-125	2		20
Barium, Total	0.06791	2	2.048	99		1.986	96		75-125	3		20
Beryllium, Total	ND	0.05	0.05086	102		0.04849	97		75-125	5		20
Cadmium, Total	ND	0.051	0.05163	101		0.05191	102		75-125	1		20
Calcium, Total	75.4	10	82.4	70	Q	81.2	58	Q	75-125	1		20
Chromium, Total	0.00092J	0.2	0.1979	99		0.2052	103		75-125	4		20
Cobalt, Total	0.00103	0.5	0.4909	98		0.4851	97		75-125	1		20
Copper, Total	0.00157	0.25	0.2506	100		0.2440	97		75-125	3		20
Iron, Total	0.382	1	1.32	94		3.23	285	Q	75-125	84	Q	20
Lead, Total	0.00060J	0.51	0.5171	101		0.5134	101		75-125	1		20
Magnesium, Total	23.3	10	32.4	91		32.4	91		75-125	0		20
Manganese, Total	0.5201	0.5	0.9745	91		1.002	96		75-125	3		20
Nickel, Total	0.00513	0.5	0.4742	94		0.4786	95		75-125	1		20
Potassium, Total	6.21	10	15.2	90		15.1	89		75-125	1		20
Selenium, Total	ND	0.12	0.121	101		0.121	101		75-125	0		20
Silver, Total	ND	0.05	0.04976	100		0.04821	96		75-125	3		20
Sodium, Total	59.9	10	64.3	44	Q	64.4	45	Q	75-125	0		20
Thallium, Total	ND	0.12	0.1297	108		0.1295	108		75-125	0		20
Vanadium, Total	ND	0.5	0.4859	97		0.4844	97		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

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): 01-04 QC Batch ID: WG1495342-3 WG1495342-4 QC Sample: L2122822-01 Client ID: 047_LMW-5									
Zinc, Total	ND	0.5	0.4980	100	0.4898	98	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495344-3 WG1495344-4 QC Sample: L2122822-01 Client ID: 047_LMW-5									
Mercury, Total	ND	0.005	0.00482	96	0.00464	93	75-125	4	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495354-3 WG1495354-4 QC Sample: L2122822-01 Client ID: 047_LMW-5									
Aluminum, Dissolved	0.00734J	2	2.12	106	2.10	105	75-125	1	20
Antimony, Dissolved	0.00135J	0.5	0.4458	89	0.4641	93	75-125	4	20
Arsenic, Dissolved	0.00065	0.12	0.1266	105	0.1288	107	75-125	2	20
Barium, Dissolved	0.07295	2	2.145	104	2.111	102	75-125	2	20
Beryllium, Dissolved	ND	0.05	0.04902	98	0.04742	95	75-125	3	20
Cadmium, Dissolved	ND	0.051	0.05338	105	0.05378	105	75-125	1	20
Calcium, Dissolved	82.0	10	95.0	130	Q 94.7	127	Q 75-125	0	20
Chromium, Dissolved	ND	0.2	0.2037	102	0.2052	103	75-125	1	20
Cobalt, Dissolved	0.00084	0.5	0.4983	99	0.4952	99	75-125	1	20
Copper, Dissolved	0.00081J	0.25	0.2499	100	0.2533	101	75-125	1	20
Iron, Dissolved	0.0278J	1	0.914	91	1.37	137	Q 75-125	40	Q 20
Lead, Dissolved	ND	0.51	0.5292	104	0.5334	104	75-125	1	20
Magnesium, Dissolved	25.5	10	36.3	108	36.9	114	75-125	2	20
Manganese, Dissolved	0.5083	0.5	1.006	100	1.023	103	75-125	2	20
Nickel, Dissolved	0.00338	0.5	0.4765	95	0.4683	93	75-125	2	20
Potassium, Dissolved	5.98	10	16.7	107	16.8	108	75-125	1	20
Selenium, Dissolved	0.00188J	0.12	0.128	107	0.140	117	75-125	9	20
Silver, Dissolved	ND	0.05	0.05050	101	0.05106	102	75-125	1	20
Sodium, Dissolved	64.7	10	74.0	93	76.0	113	75-125	3	20
Thallium, Dissolved	0.00054J	0.12	0.1228	102	0.1365	114	75-125	11	20
Vanadium, Dissolved	ND	0.5	0.5113	102	0.5065	101	75-125	1	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495354-3 WG1495354-4 QC Sample: L2122822-01 Client ID: 047_LMW-5									
Zinc, Dissolved	ND	0.5	0.5240	105	0.5240	105	75-125	0	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495356-3 WG1495356-4 QC Sample: L2122822-01 Client ID: 047_LMW-5									
Mercury, Dissolved	ND	0.005	0.00513	103	0.00500	100	75-125	2	20

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

**Lab Serial Dilution
 Analysis
 Batch Quality Control**

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495342-6 QC Sample: L2122822-01 Client ID: 047_LMW-5						
Barium, Total	0.06791	0.06839	mg/l	1		20
Calcium, Total	75.4	70.2	mg/l	7		20
Magnesium, Total	23.3	22.7	mg/l	3		20
Manganese, Total	0.5201	0.5267	mg/l	1		20
Potassium, Total	6.21	5.84	mg/l	6		20
Sodium, Total	59.9	57.8	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495354-6 QC Sample: L2122822-01 Client ID: 047_LMW-5						
Barium, Dissolved	0.07295	0.07719	mg/l	6		20
Calcium, Dissolved	82.0	85.0	mg/l	4		20
Magnesium, Dissolved	25.5	26.8	mg/l	5		20
Manganese, Dissolved	0.5083	0.5339	mg/l	5		20
Potassium, Dissolved	5.98	6.17	mg/l	3		20
Sodium, Dissolved	64.7	65.7	mg/l	2		20

INORGANICS & MISCELLANEOUS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-01
Client ID: 047_LMW-5
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 14:30
Date Received: 05/03/21
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										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/04/21 09:30	05/04/21 10:03	1,7196A	KP



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-02
Client ID: 048_LMW-4
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 15:37
Date Received: 05/03/21
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										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/04/21 09:30	05/04/21 10:04	1,7196A	KP



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-03
Client ID: 049_DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:13
Date Received: 05/03/21
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										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/04/21 09:30	05/04/21 10:05	1,7196A	KP



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2122822-04
Client ID: 050_FB_050321
Sample Location: BROOKLYN, NY

Date Collected: 05/03/21 16:30
Date Received: 05/03/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/04/21 09:30	05/04/21 10:05	1,7196A	KP



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

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): 01-04 Batch: WG1494107-1									
Chromium, Hexavalent	ND	mg/l	0.010	0.003	1	05/04/21 09:30	05/04/21 10:02	1,7196A	KP



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1494107-2								
Chromium, Hexavalent	100		-		85-115	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

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): 01-04 QC Batch ID: WG1494107-4 WG1494107-5 QC Sample: L2122822-01 Client ID: 047_LMW-5												
Chromium, Hexavalent	ND	0.1	0.100	100		0.100	100		85-115	0		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
Report Date: 05/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1494107-3 QC Sample: L2122822-01 Client ID: 047_LMW-5						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: 130 ST. FELIX STREET**Lab Number:** L2122822**Project Number:** 100842301**Report Date:** 05/13/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2122822-01A	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01A1	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01A2	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01B	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01B1	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01B2	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01C	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01C1	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01C2	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2122822-01D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-01D1	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-01D2	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-01E	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-01E1	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-01E2	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-01F	Plastic 250ml unpreserved	D	7	7	4.5	Y	Absent		-
L2122822-01F1	Plastic 250ml unpreserved	D	7	7	4.5	Y	Absent		-
L2122822-01F2	Plastic 250ml unpreserved	D	7	7	4.5	Y	Absent		-

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2122822-01G	Plastic 250ml HNO3 preserved	D	<2	<2	4.5	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2122822-01G1	Plastic 250ml HNO3 preserved	D	<2	<2	4.5	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2122822-01G2	Plastic 250ml HNO3 preserved	D	<2	<2	4.5	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2122822-01H	Plastic 500ml unpreserved	D	7	7	4.5	Y	Absent		HEXCR-7196(1)
L2122822-01H1	Plastic 500ml unpreserved	D	7	7	4.5	Y	Absent		HEXCR-7196(1)
L2122822-01H2	Plastic 500ml unpreserved	D	7	7	4.5	Y	Absent		HEXCR-7196(1)
L2122822-01I	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8082-LVI(7)
L2122822-01I1	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8082-LVI(7)
L2122822-01I2	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8082-LVI(7)
L2122822-01J	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8082-LVI(7)
L2122822-01J1	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8082-LVI(7)
L2122822-01J2	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8082-LVI(7)
L2122822-01K	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)
L2122822-01K1	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)
L2122822-01K2	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)
L2122822-01L	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)

Project Name: 130 ST. FELIX STREET**Lab Number:** L2122822**Project Number:** 100842301**Report Date:** 05/13/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2122822-01L1	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)
L2122822-01L2	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)
L2122822-01M	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-01M1	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-01M2	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-01N	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-01N1	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-01N2	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-01O	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-01O1	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-01O2	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-01P	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-01P1	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-01P2	Amber 250ml unpreserved	D	7	7	4.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-01Q	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2122822-01Q1	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2122822-01Q2	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2122822-01R	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2122822-01R1	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2122822-01R2	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2122822-01X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.5	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2122822-01X1	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.5	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2122822-01X2	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.5	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2122822-02A	Vial HCl preserved	B	NA		5.0	Y	Absent		NYTCL-8260(14)
L2122822-02B	Vial HCl preserved	B	NA		5.0	Y	Absent		NYTCL-8260(14)
L2122822-02C	Vial HCl preserved	B	NA		5.0	Y	Absent		NYTCL-8260(14)
L2122822-02D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-02E	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-02F	Plastic 250ml unpreserved	B	7	7	5.0	Y	Absent		-
L2122822-02G	Plastic 250ml HNO3 preserved	B	<2	<2	5.0	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2122822-02H	Plastic 500ml unpreserved	B	7	7	5.0	Y	Absent		HEXCR-7196(1)
L2122822-02I	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8082-LVI(7)
L2122822-02J	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8082-LVI(7)
L2122822-02K	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2122822-02L	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2122822-02M	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

Project Name: 130 ST. FELIX STREET

Lab Number: L2122822

Project Number: 100842301

Report Date: 05/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2122822-02N	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-02O	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-02P	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-02Q	Amber 1000ml unpreserved	B	7	7	5.0	Y	Absent		HERB-APA(7)
L2122822-02R	Amber 1000ml unpreserved	B	7	7	5.0	Y	Absent		HERB-APA(7)
L2122822-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA		5.0	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2122822-03A	Vial HCl preserved	B	NA		5.0	Y	Absent		NYTCL-8260(14)
L2122822-03B	Vial HCl preserved	B	NA		5.0	Y	Absent		NYTCL-8260(14)
L2122822-03C	Vial HCl preserved	B	NA		5.0	Y	Absent		NYTCL-8260(14)
L2122822-03D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-03E	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-03F	Plastic 250ml unpreserved	B	7	7	5.0	Y	Absent		-
L2122822-03G	Plastic 250ml HNO3 preserved	B	<2	<2	5.0	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2122822-03H	Plastic 500ml unpreserved	B	7	7	5.0	Y	Absent		HEXCR-7196(1)
L2122822-03I	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8082-LVI(7)
L2122822-03J	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8082-LVI(7)
L2122822-03K	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2122822-03L	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2122822-03M	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-03N	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2122822-03O	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-03P	Amber 250ml unpreserved	B	7	7	5.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-03Q	Amber 1000ml unpreserved	B	7	7	5.0	Y	Absent		HERB-APA(7)
L2122822-03R	Amber 1000ml unpreserved	B	7	7	5.0	Y	Absent		HERB-APA(7)
L2122822-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		5.0	Y	Absent		V-6020S(180),SE-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),NA-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2122822-04A	Vial HCl preserved	C	NA		5.3	Y	Absent		NYTCL-8260(14)
L2122822-04B	Vial HCl preserved	C	NA		5.3	Y	Absent		NYTCL-8260(14)
L2122822-04C	Vial HCl preserved	C	NA		5.3	Y	Absent		NYTCL-8260(14)
L2122822-04D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-04F	Plastic 250ml unpreserved	C	7	7	5.3	Y	Absent		-
L2122822-04G	Plastic 250ml HNO3 preserved	C	<2	<2	5.3	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2122822-04H	Plastic 500ml unpreserved	C	7	7	5.3	Y	Absent		HEXCR-7196(1)
L2122822-04I	Amber 120ml unpreserved	C	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)
L2122822-04J	Amber 120ml unpreserved	C	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)
L2122822-04K	Amber 120ml unpreserved	C	7	7	5.3	Y	Absent		NYTCL-8081(7)
L2122822-04L	Amber 120ml unpreserved	C	7	7	5.3	Y	Absent		NYTCL-8081(7)
L2122822-04M	Amber 250ml unpreserved	C	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-04N	Amber 250ml unpreserved	C	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2122822-04O	Amber 250ml unpreserved	C	7	7	5.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2122822-04P	Amber 250ml unpreserved	C	7	7	5.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2122822-04Q	Amber 1000ml unpreserved	C	7	7	5.3	Y	Absent		HERB-APA(7)
L2122822-04R	Amber 1000ml unpreserved	C	7	7	5.3	Y	Absent		HERB-APA(7)
L2122822-04X	Plastic 120ml HNO3 preserved Filtrates	C	NA		5.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NI-6020S(180),PB-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2122822-05A	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2122822-06A	Vial HCl preserved	C	NA		5.3	Y	Absent		NYTCL-8260(14)
L2122822-06B	Vial HCl preserved	C	NA		5.3	Y	Absent		NYTCL-8260(14)

Container Comments

L2122822-01O1 Container received empty

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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	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-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	PFEEESA	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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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

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

Terms

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

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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 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.

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Data Qualifiers

- 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.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2122822
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Alpha Analytical - In-house calculation method.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, 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, **LCHAT 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


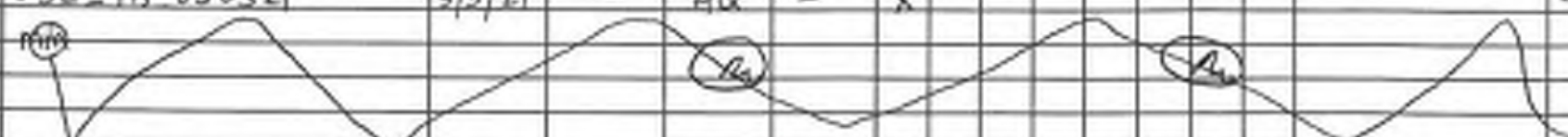
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

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	Service Centers Midway, NJ 07430: 25 Whitney Rd, Suite 8 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #											
		1 of 1	5/4/21	162132422											
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-8220 FAX: 508-898-9193	Mansfield, MA 02048 329 Forbes Blvd TEL: 508-822-9006 FAX: 508-822-3288	Project Information		Deliverables	Billing Information										
Project Name: <u>130 St Felix Street</u> Project Location: <u>Brooklyn, NY</u> Project # <u>100842301</u> (Use Project name as Project #) <input type="checkbox"/>		ASP-A <input type="checkbox"/> ASP-B <input checked="" type="checkbox"/> EQUS (1 File) <input type="checkbox"/> EQUS (4 File) <input type="checkbox"/> Other <input type="checkbox"/>		Same as Client Info <input checked="" type="checkbox"/> #											
Client Information		Regulatory Requirement		Disposal Site Information											
Client: <u>Langan</u> Address: <u>300 Kimball Dr.</u> <u>Parsippany, NJ</u> Phone: <u>973-560-4900</u> Fax: <u>973-560-4901</u> Email: <u>breiner@langan.com</u>		NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWW Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge <input type="checkbox"/>		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:											
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS											
Other project specific requirements/comments: <u>* extra volume for ms/msd</u>		Please specify Metals or TAL. <u>Total and Dissolved TAL Metals</u>		Sample Filtration <input type="checkbox"/> Done <input checked="" type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)											
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Total/Dissolved Metals	Hex/Tri-Chlorine	Pesticides/PCBS	Herbicides	1,4-Dioxane	PFAS	Sample Specific Comments	
22832-01	047_LMW-5 *	5/3/21	1430	GW	mm	X	X	X	X	X	X	X	X	54	
-02	048_LMW-4	5/3/21	1537	GW	SS	X	X	X	X	X	X	X	X	18	
-03	049_DWP-1	5/3/21	1613	GW	SS	X	X	X	X	X	X	X	X	18	
-04	050_FB_050321	5/3/21	1630	AQ	mm	X	X	X	X	X	X	X	X	18	
-05	051_EB_050321	5/3/21	1615	AQ	mm								X	2	
-06	052_TB_050321	5/3/21	-	AQ	-	X								2	
															
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₈ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA035 Mansfield: Certification No: MA015		Container Type V A P P A A A P		Preservative B A C/A A A 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.)					
Relinquished By: <u>[Signature]</u>			Date/Time: <u>5/3/21 16:51</u>			Received By: <u>[Signature]</u>			Date/Time: <u>5/3/21 16:51</u>						
Relinquished By: <u>[Signature]</u>			Date/Time: <u>5/3/21 19:00</u>			Received By: <u>[Signature]</u>			Date/Time: <u>5/3/21 23:00</u>						
Relinquished By: <u>[Signature]</u>			Date/Time: <u>5/4/21 02:45</u>			Received By: <u>[Signature]</u>			Date/Time: <u>5/4/21 02:45</u>						



ANALYTICAL REPORT

Lab Number:	L2123074
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054-2172
ATTN:	Jessica Friscia
Phone:	(973) 560-4900
Project Name:	130 ST. FELIX STREET
Project Number:	100842301
Report Date:	05/13/21

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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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2123074-01	053_LMW-3	WATER	BROOKLYN, NY	05/04/21 09:17	05/04/21
L2123074-02	054_LMW-2	WATER	BROOKLYN, NY	05/04/21 12:01	05/04/21
L2123074-03	055_LMW-1	WATER	BROOKLYN, NY	05/04/21 14:10	05/04/21
L2123074-04	056_MW11	WATER	BROOKLYN, NY	05/04/21 16:20	05/04/21
L2123074-05	057_TB_050421	TRIP BLANK (AQUEOUS)	BROOKLYN, NY	05/04/21 00:00	05/04/21
L2123074-06	058_EB_050421	EQUIPMENT BLANK	BROOKLYN, NY	05/04/21 16:40	05/04/21

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

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.

Perfluorinated Alkyl Acids by Isotope Dilution

L2123074-02, -03, -04, WG1496598-1, and WG1496598-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2123074-04: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

PCBs

The WG1496513-1 Method Blank, associated with L2123074-04, has a concentration above the reporting limits for Aroclor 1254. The sample was re-extracted with the method required holding time exceeded and both the sample and method blank were non-detect for this target compound. The results of both extractions are reported, along with the re-extract QC. The original sample result is reported with a "B" qualifier.

Dissolved Metals

The WG1495793-3 MS recovery for sodium (67%), performed on L2123074-01, does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature:



Jennifer L. Clements

Title: Technical Director/Representative

Date: 05/13/21

ORGANICS

VOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/21 10:20
 Analyst: PD

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	19		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	1.4		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
1,1,1,2,2-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: 130 ST. FELIX STREET**Lab Number:** L2123074**Project Number:** 100842301**Report Date:** 05/13/21**SAMPLE RESULTS**

Lab ID: L2123074-01

Date Collected: 05/04/21 09:17

Client ID: 053_LMW-3

Date Received: 05/04/21

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
Client ID: 053_LMW-3
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
Date Received: 05/04/21
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	117		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/21 10:44
 Analyst: PD

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	24		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	1.2		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
1,1,1,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	4.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
Client ID: 054_LMW-2
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
Date Received: 05/04/21
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	117		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/21 11:07
 Analyst: PD

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	14		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	3.2		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
1,1,1,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
Client ID: 055_LMW-1
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
Client ID: 055_LMW-1
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
Date Received: 05/04/21
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	118		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/21 11:31
 Analyst: PD

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	27		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	1.4		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
1,1,1,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
Client ID: 056_MW11
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	5.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	117		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-05
 Client ID: 057_TB_050421
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 00:00
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)
 Analytical Method: 1,8260C
 Analytical Date: 05/07/21 11:54
 Analyst: PD

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
1,1,1,2,2-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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-05
Client ID: 057_TB_050421
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 00:00
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-05
 Client ID: 057_TB_050421
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 00:00
 Date Received: 05/04/21
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	115		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/21 08:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1496277-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/21 08:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1496277-5					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 05/07/21 08:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1496277-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	115		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1496277-3 WG1496277-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	100		98		62-150	2		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	86		85		70-130	1		20
cis-1,3-Dichloropropene	96		97		70-130	1		20
1,1-Dichloropropene	96		96		70-130	0		20
Bromoform	97		94		54-136	3		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Benzene	98		99		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	94		100		64-130	6		20
Bromomethane	74		73		39-139	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1496277-3 WG1496277-4								
Vinyl chloride	100		110		55-140	10		20
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	98		98		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	86		90		63-130	5		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	91		97		64-130	6		20
Acrylonitrile	130		130		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	69		70		36-147	1		20
Acetone	97		87		58-148	11		20
Carbon disulfide	98		100		51-130	2		20
2-Butanone	99		110		63-138	11		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	99		110		59-130	11		20
2-Hexanone	110		120		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1496277-3 WG1496277-4								
Bromochloromethane	120		120		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	94		95		70-130	1		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	99		100		70-130	1		20
p-Chlorotoluene	95		100		70-130	5		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Hexachlorobutadiene	92		90		63-130	2		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	97		98		70-130	1		20
1,2,4-Trichlorobenzene	94		94		70-130	0		20
1,3,5-Trimethylbenzene	97		99		64-130	2		20
1,2,4-Trimethylbenzene	99		98		70-130	1		20
1,4-Dioxane	104		104		56-162	0		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1496277-3 WG1496277-4								
p-Ethyltoluene	95		98		70-130	3		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	97		100		59-134	3		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	99		102		70-130

SEMIVOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/21 16:23
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:15

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	1.7	J	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	96		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 05:30
 Analyst: JRW

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.59		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.22		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.22		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.27		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.11		ug/l	0.10	0.01	1
Chrysene	0.24		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.08	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.19		ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.55		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.19		ug/l	0.10	0.01	1
Pyrene	0.51		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	103		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 23:11
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			48		15-110	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
Client ID: 053_LMW-3
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 08:07
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.49		ng/l	1.83	0.374	1
Perfluoropentanoic Acid (PFPeA)	6.42		ng/l	1.83	0.363	1
Perfluorobutanesulfonic Acid (PFBS)	1.84		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	5.50		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	4.35		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	2.67		ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	29.0		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.48	J	ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.630	1
Perfluorononanoic Acid (PFNA)	0.487	JF	ng/l	1.83	0.286	1
Perfluorooctanesulfonic Acid (PFOS)	8.66		ng/l	1.83	0.462	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.593	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.897	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.531	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.736	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.341	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.300	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	37.7		ng/l	1.83	0.216	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	117		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	72		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	74		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	97		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/21 16:45
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:15

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	4.5	J	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	6.1		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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 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	9.8	J	ug/l	50	2.6	1
Benzyl Alcohol	1.8	J	ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	93		41-149



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 05:49
 Analyst: JRW

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:18

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	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.11		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.08	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	99		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 23:36
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			47		15-110	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
Client ID: 054_LMW-2
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 08:40
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.90		ng/l	1.79	0.366	1
Perfluoropentanoic Acid (PFPeA)	4.08		ng/l	1.79	0.355	1
Perfluorobutanesulfonic Acid (PFBS)	1.46	J	ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	3.71		ng/l	1.79	0.294	1
Perfluoroheptanoic Acid (PFHpA)	2.92		ng/l	1.79	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	1.46	J	ng/l	1.79	0.337	1
Perfluorooctanoic Acid (PFOA)	19.7		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	0.312	J	ng/l	1.79	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	4.25		ng/l	1.79	0.452	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.581	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.878	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.520	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.720	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	24.0		ng/l	1.79	0.211	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	154	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	123		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/21 17:08
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:15

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	116		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	106		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 06:09
 Analyst: JRW

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	116		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/11/21 00:01
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			46		15-110	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
Client ID: 055_LMW-1
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 10:08
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.4		ng/l	1.81	0.370	1
Perfluoropentanoic Acid (PFPeA)	23.6		ng/l	1.81	0.359	1
Perfluorobutanesulfonic Acid (PFBS)	4.85		ng/l	1.81	0.216	1
Perfluorohexanoic Acid (PFHxA)	16.4		ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	14.2		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	4.29		ng/l	1.81	0.340	1
Perfluorooctanoic Acid (PFOA)	59.3		ng/l	1.81	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.81	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.623	1
Perfluorononanoic Acid (PFNA)	0.409	J	ng/l	1.81	0.283	1
Perfluorooctanesulfonic Acid (PFOS)	12.7		ng/l	1.81	0.456	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.81	0.275	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.587	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.888	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.525	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.728	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.337	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.225	1
PFOA/PFOS, Total	72.0		ng/l	1.81	0.214	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	93		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	72		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	104		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	142	Q	22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/21 17:31
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:15

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	95		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 06:29
 Analyst: JRW

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	105		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/11/21 00:25
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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1,4 Dioxane by 8270D-SIM - Mansfield Lab						
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1,4-Dioxane	ND		ng/l	139	31.4	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
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1,4-Dioxane-d8	44		15-110
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Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/11/21 10:25
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.31		ng/l	1.77	0.360	1
Perfluoropentanoic Acid (PFPeA)	4.50		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	1.42	J	ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	4.24		ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	3.83		ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	1.84		ng/l	1.77	0.332	1
Perfluorooctanoic Acid (PFOA)	27.1		ng/l	1.77	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.608	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	3.61		ng/l	1.77	0.445	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.268	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.572	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.866	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.710	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.329	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.289	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	30.7		ng/l	1.77	0.208	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	125		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	135	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	128		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	125		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	119		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	111		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/12/21 01:15
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.512	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			87		10-112	

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-06
 Client ID: 058_EB_050421
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:40
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 05/11/21 10:42
 Analyst: HT

Extraction Method: ALPHA 23528
 Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.90	0.388	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.90	0.376	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	0.426	J	ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.90	0.357	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.90	0.224	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.654	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.90	0.296	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.90	0.479	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.90	0.289	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.90	0.616	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.247	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.932	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.551	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.764	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.354	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.311	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.236	1
PFOA/PFOS, Total	ND		ng/l	1.90	0.224	1

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-06
 Client ID: 058_EB_050421
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:40
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	109		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	148		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	111		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	85		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	79		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	117		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	88		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	116		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	94		22-136

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/10/21 19:32
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 05/08/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01-04 Batch: WG1496165-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	48		15-110



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/09/21 13:44
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 05/09/21 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1496406-1					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/09/21 13:44
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 05/09/21 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1496406-1					
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/09/21 13:44
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 05/09/21 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1496406-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	108		41-149



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
Analytical Date: 05/10/21 04:32
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 05/09/21 05:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1496407-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/10/21 04:32
 Analyst: JRW

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 05:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1496407-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	111		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	117		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 00:25
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04,06 Batch: WG1496598-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87		10-112

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 06:11
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04,06 Batch: WG1496598-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.372	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/11/21 06:11
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 05/10/21 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04,06 Batch: WG1496598-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	118		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	154		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	134	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	115		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	119		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	130		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	118		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	114		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	128		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	117		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	90		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	122		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	36		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	96		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	120		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	117		22-136

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 01-04 Batch: WG1496165-2 WG1496165-3								
1,4-Dioxane	105		104		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	48		48		15-110



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1496406-2 WG1496406-3								
Acenaphthene	78		77		37-111	1		30
1,2,4-Trichlorobenzene	74		71		39-98	4		30
Hexachlorobenzene	78		77		40-140	1		30
Bis(2-chloroethyl)ether	78		74		40-140	5		30
2-Chloronaphthalene	75		75		40-140	0		30
1,2-Dichlorobenzene	71		69		40-140	3		30
1,3-Dichlorobenzene	67		67		40-140	0		30
1,4-Dichlorobenzene	70		66		36-97	6		30
3,3'-Dichlorobenzidine	73		76		40-140	4		30
2,4-Dinitrotoluene	94		97		48-143	3		30
2,6-Dinitrotoluene	102		100		40-140	2		30
Fluoranthene	84		88		40-140	5		30
4-Chlorophenyl phenyl ether	76		75		40-140	1		30
4-Bromophenyl phenyl ether	80		79		40-140	1		30
Bis(2-chloroisopropyl)ether	104		104		40-140	0		30
Bis(2-chloroethoxy)methane	78		78		40-140	0		30
Hexachlorobutadiene	64		65		40-140	2		30
Hexachlorocyclopentadiene	71		70		40-140	1		30
Hexachloroethane	74		70		40-140	6		30
Isophorone	80		81		40-140	1		30
Naphthalene	71		72		40-140	1		30
Nitrobenzene	91		88		40-140	3		30
NDPA/DPA	84		84		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1496406-2 WG1496406-3								
n-Nitrosodi-n-propylamine	90		87		29-132	3		30
Bis(2-ethylhexyl)phthalate	101		104		40-140	3		30
Butyl benzyl phthalate	107		114		40-140	6		30
Di-n-butylphthalate	89		94		40-140	5		30
Di-n-octylphthalate	103		109		40-140	6		30
Diethyl phthalate	87		87		40-140	0		30
Dimethyl phthalate	86		86		40-140	0		30
Benzo(a)anthracene	83		84		40-140	1		30
Benzo(a)pyrene	85		87		40-140	2		30
Benzo(b)fluoranthene	82		86		40-140	5		30
Benzo(k)fluoranthene	87		87		40-140	0		30
Chrysene	81		83		40-140	2		30
Acenaphthylene	77		79		45-123	3		30
Anthracene	84		85		40-140	1		30
Benzo(ghi)perylene	81		79		40-140	3		30
Fluorene	80		79		40-140	1		30
Phenanthrene	80		80		40-140	0		30
Dibenzo(a,h)anthracene	81		80		40-140	1		30
Indeno(1,2,3-cd)pyrene	77		76		40-140	1		30
Pyrene	82		86		26-127	5		30
Biphenyl	74		74		40-140	0		30
4-Chloroaniline	75		78		40-140	4		30
2-Nitroaniline	95		98		52-143	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1496406-2 WG1496406-3								
3-Nitroaniline	80		82		25-145	2		30
4-Nitroaniline	77		79		51-143	3		30
Dibenzofuran	74		74		40-140	0		30
2-Methylnaphthalene	74		74		40-140	0		30
1,2,4,5-Tetrachlorobenzene	69		69		2-134	0		30
Acetophenone	76		78		39-129	3		30
2,4,6-Trichlorophenol	89		90		30-130	1		30
p-Chloro-m-cresol	92		94		23-97	2		30
2-Chlorophenol	80		80		27-123	0		30
2,4-Dichlorophenol	86		87		30-130	1		30
2,4-Dimethylphenol	86		88		30-130	2		30
2-Nitrophenol	110		112		30-130	2		30
4-Nitrophenol	101	Q	99	Q	10-80	2		30
2,4-Dinitrophenol	112		114		20-130	2		30
4,6-Dinitro-o-cresol	118		124		20-164	5		30
Pentachlorophenol	101		100		9-103	1		30
Phenol	56		56		12-110	0		30
2-Methylphenol	78		78		30-130	0		30
3-Methylphenol/4-Methylphenol	78		78		30-130	0		30
2,4,5-Trichlorophenol	89		94		30-130	5		30
Benzoic Acid	93		101		10-164	8		30
Benzyl Alcohol	81		79		26-116	3		30
Carbazole	82		84		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1496406-2 WG1496406-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		84		21-120
Phenol-d6	70		71		10-120
Nitrobenzene-d5	112		115		23-120
2-Fluorobiphenyl	88		90		15-120
2,4,6-Tribromophenol	122	Q	123	Q	10-120
4-Terphenyl-d14	101		104		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1496407-2 WG1496407-3								
Acenaphthene	92		89		40-140	3		40
2-Chloronaphthalene	89		86		40-140	3		40
Fluoranthene	98		94		40-140	4		40
Hexachlorobutadiene	80		74		40-140	8		40
Naphthalene	87		83		40-140	5		40
Benzo(a)anthracene	92		89		40-140	3		40
Benzo(a)pyrene	98		94		40-140	4		40
Benzo(b)fluoranthene	87		87		40-140	0		40
Benzo(k)fluoranthene	100		91		40-140	9		40
Chrysene	99		94		40-140	5		40
Acenaphthylene	89		86		40-140	3		40
Anthracene	96		93		40-140	3		40
Benzo(ghi)perylene	106		100		40-140	6		40
Fluorene	95		90		40-140	5		40
Phenanthrene	93		89		40-140	4		40
Dibenzo(a,h)anthracene	103		98		40-140	5		40
Indeno(1,2,3-cd)pyrene	104		98		40-140	6		40
Pyrene	98		93		40-140	5		40
2-Methylnaphthalene	91		87		40-140	4		40
Pentachlorophenol	97		88		40-140	10		40
Hexachlorobenzene	91		86		40-140	6		40
Hexachloroethane	76		71		40-140	7		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1496407-2 WG1496407-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		75		21-120
Phenol-d6	69		66		10-120
Nitrobenzene-d5	100		95		23-120
2-Fluorobiphenyl	102		98		15-120
2,4,6-Tribromophenol	121	Q	113		10-120
4-Terphenyl-d14	116		111		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,06 Batch: WG1496598-2								
Perfluorooctanesulfonamide (FOSA)	93		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84				10-112



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,06 Batch: WG1496598-2								
Perfluorobutanoic Acid (PFBA)	98		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	99		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	105		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	98		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	97		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	96		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	110		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	98		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	100		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	100		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	110		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	101		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,06 Batch: WG1496598-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	141				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	121				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	92				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	113				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	104				22-136

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,06 QC Batch ID: WG1496598-3 QC Sample: L2123074-01 Client ID: 053_LMW-3												
Perfluorobutanoic Acid (PFBA)	3.49	40.8	42.2	95		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	6.42	40.8	45.9	97		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	1.84	36.2	36.5	96		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	5.50	40.8	44.4	95		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	4.35	40.8	43.2	95		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	2.67	37.3	40.9	102		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	29.0	40.8	71.1	103		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.48J	38.8	43.9	109		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	38.8	43.3	111		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	0.487JF	40.8	38.2	92		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	8.66	37.9	48.4	105		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	40.8	34.8	85		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	39.2	43.1	110		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	40.8	35.6	87		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	40.8	33.2	81		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	39.3	33.5	85		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	40.8	36.8	90		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	40.8	34.8	85		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	40.8	32.1	79		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	40.8	41.5	102		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTTA)	ND	40.8	34.2	84		-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,06 QC Batch ID: WG1496598-3 QC Sample: L2123074-01 Client ID: 053_LMW-3												

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	77				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	58				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	70				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	118				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	102				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	75				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118				70-131

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,06 QC Batch ID: WG1496598-4 QC Sample: L2123074-02 Client ID: 054_LMW-2						
Perfluorobutanoic Acid (PFBA)	1.90	2.05	ng/l	8		30
Perfluoropentanoic Acid (PFPeA)	4.08	4.02	ng/l	1		30
Perfluorobutanesulfonic Acid (PFBS)	1.46J	1.42J	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	3.71	3.64	ng/l	2		30
Perfluoroheptanoic Acid (PFHpA)	2.92	3.01	ng/l	3		30
Perfluorohexanesulfonic Acid (PFHxS)	1.46J	1.60J	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	19.7	20.1	ng/l	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	0.312J	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	4.25	3.71	ng/l	14		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04,06 QC Batch ID: WG1496598-4 QC Sample: L2123074-02						
Client ID: 054_LMW-2						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30
PFOA/PFOS, Total	24.0	23.8	ng/l	1		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		80		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		98		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		112		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		81		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	154	Q	149	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		84		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		105		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		107		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		94		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		25		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		68		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		98		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	123		127		22-136

PCBS

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
Client ID: 053_LMW-3
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/12/21 09:53
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 05/11/21 13:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/11/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/12/21

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	B
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	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	58		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
Client ID: 054_LMW-2
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/12/21 10:01
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 05/11/21 13:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/11/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/12/21

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	B
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	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/12/21 10:08
 Analyst: JM

Extraction Method: EPA 3510C
 Extraction Date: 05/11/21 13:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/11/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/12/21

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	B
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	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
Client ID: 056_MW11
Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
Date Received: 05/04/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/10/21 22:34
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 05/09/21 15:46
Cleanup Method: EPA 3665A
Cleanup Date: 05/10/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/10/21

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	0.176	B	ug/l	0.071	0.061	1	B
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	0.176	B	ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	61		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04 RE
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/13/21 03:25
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/12/21 16:19
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/12/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/12/21

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	43		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/10/21 21:47
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/09/21 15:46
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/10/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/10/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04 Batch: WG1496513-1						
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 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
Aroclor 1254	0.072		ug/l	0.071	0.061	B
PCBs, Total	0.072		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/12/21 09:06
 Analyst: JM

Extraction Method: EPA 3510C
 Extraction Date: 05/11/21 13:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/11/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1497370-1						
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 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
Aroclor 1254	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	60		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 05/13/21 03:02
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 05/12/21 16:19
Cleanup Method: EPA 3665A
Cleanup Date: 05/12/21
Cleanup Method: EPA 3660B
Cleanup Date: 05/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04 Batch: WG1498009-1						
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	42		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	48		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04 Batch: WG1496513-2 WG1496513-3									
Aroclor 1016	66		57		40-140	14		50	A
Aroclor 1260	64		55		40-140	15		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		53		30-150	A
Decachlorobiphenyl	63		53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		58		30-150	B
Decachlorobiphenyl	68		60		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1497370-2 WG1497370-3									
Aroclor 1016	55		52		40-140	6		50	A
Aroclor 1260	52		51		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		34		30-150	A
Decachlorobiphenyl	51		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		37		30-150	B
Decachlorobiphenyl	59		60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04 Batch: WG1498009-2 WG1498009-3									
Aroclor 1016	45		46		40-140	2		50	A
Aroclor 1260	45		46		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		52		30-150	A
Decachlorobiphenyl	49		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		55		30-150	B
Decachlorobiphenyl	54		58		30-150	B

PESTICIDES

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/10/21 19:51
 Analyst: JMC

Extraction Method: EPA 3510C
 Extraction Date: 05/10/21 00:08

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 05/11/21 09:49
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/09/21 09:07

Methylation Date: 05/10/21 21:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	77		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/10/21 20:02
 Analyst: JMC

Extraction Method: EPA 3510C
 Extraction Date: 05/10/21 00:08

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 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	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02
 Client ID: 054_LMW-2
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 05/11/21 10:07
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/09/21 09:07

Methylation Date: 05/10/21 21:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	78		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/10/21 20:12
 Analyst: JMC

Extraction Method: EPA 3510C
 Extraction Date: 05/10/21 00:08

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03
 Client ID: 055_LMW-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 05/11/21 10:25
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/09/21 09:07

Methylation Date: 05/10/21 21:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	70		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/10/21 20:23
 Analyst: JMC

Extraction Method: EPA 3510C
 Extraction Date: 05/10/21 00:08

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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 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	92		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04
 Client ID: 056_MW11
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 05/11/21 10:44
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/09/21 09:07

Methylation Date: 05/10/21 21:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	76		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8151A
 Analytical Date: 05/09/21 15:54
 Analyst: JMC

Extraction Method: EPA 8151A
 Extraction Date: 05/08/21 16:31

Methylation Date: 05/09/21 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1496375-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	66		30-150	A
DCAA	59		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/10/21 19:20
Analyst: JMC

Extraction Method: EPA 3510C
Extraction Date: 05/10/21 00:08

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1496543-1						
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: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/10/21 19:20
Analyst: JMC

Extraction Method: EPA 3510C
Extraction Date: 05/10/21 00:08

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1496543-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1496375-2 WG1496375-3									
2,4-D	89		92		30-150	3		25	A
2,4,5-T	83		86		30-150	4		25	A
2,4,5-TP (Silvex)	84		87		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	84		89		30-150	A
DCAA	81		85		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1496543-2 WG1496543-3									
Delta-BHC	52		62		30-150	17		20	A
Lindane	61		73		30-150	17		20	A
Alpha-BHC	65		76		30-150	16		20	A
Beta-BHC	61		71		30-150	15		20	A
Heptachlor	63		75		30-150	16		20	A
Aldrin	62		76		30-150	20		20	A
Heptachlor epoxide	61		75		30-150	21	Q	20	A
Endrin	61		76		30-150	22	Q	20	A
Endrin aldehyde	55		69		30-150	22	Q	20	A
Endrin ketone	64		79		30-150	22	Q	20	A
Dieldrin	64		80		30-150	22	Q	20	A
4,4'-DDE	61		77		30-150	23	Q	20	A
4,4'-DDD	66		84		30-150	23	Q	20	A
4,4'-DDT	67		85		30-150	24	Q	20	A
Endosulfan I	60		75		30-150	22	Q	20	A
Endosulfan II	64		78		30-150	21	Q	20	A
Endosulfan sulfate	60		75		30-150	22	Q	20	A
Methoxychlor	67		84		30-150	23	Q	20	A
cis-Chlordane	58		72		30-150	22	Q	20	A
trans-Chlordane	57		72		30-150	22	Q	20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1496543-2 WG1496543-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	65		79		30-150	A
Decachlorobiphenyl	52		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		78		30-150	B
Decachlorobiphenyl	55		66		30-150	B



METALS

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 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	2.58		mg/l	0.0100	0.00327	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00245		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Barium, Total	0.2029		mg/l	0.00050	0.00017	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00015	J	mg/l	0.00050	0.00010	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00022		mg/l	0.00020	0.00005	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Calcium, Total	80.9		mg/l	0.100	0.0394	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Chromium, Total	0.01030		mg/l	0.00100	0.00017	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00327		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Copper, Total	0.01011		mg/l	0.00100	0.00038	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Iron, Total	4.64		mg/l	0.0500	0.0191	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Lead, Total	0.06942		mg/l	0.00100	0.00034	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Magnesium, Total	25.0		mg/l	0.0700	0.0242	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Manganese, Total	0.7066		mg/l	0.00100	0.00044	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 13:57	EPA 7470A	1,7470A	NB
Nickel, Total	0.01605		mg/l	0.00200	0.00055	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Potassium, Total	4.80		mg/l	0.100	0.0309	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Sodium, Total	56.0		mg/l	0.100	0.0293	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Vanadium, Total	0.00778		mg/l	0.00500	0.00157	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
Zinc, Total	0.07941		mg/l	0.01000	0.00341	1	05/07/21 06:55	05/09/21 17:46	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	0.010		mg/l	0.010	0.010	1		05/09/21 17:46	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01
 Client ID: 053_LMW-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17
 Date Received: 05/04/21
 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00947	J	mg/l	0.0100	0.00327	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00111	J	mg/l	0.00400	0.00042	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00064		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.08556		mg/l	0.00050	0.00017	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	0.00008	J	mg/l	0.00020	0.00005	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Calcium, Dissolved	74.8		mg/l	0.100	0.0394	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00066	J	mg/l	0.00100	0.00017	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00071		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	23.2		mg/l	0.0700	0.0242	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.5594		mg/l	0.00100	0.00044	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/07/21 12:17	05/08/21 18:47	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00268		mg/l	0.00200	0.00055	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.25		mg/l	0.100	0.0309	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Sodium, Dissolved	57.3		mg/l	0.100	0.0293	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.01052		mg/l	0.01000	0.00341	1	05/07/21 12:12	05/09/21 13:26	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02

Date Collected: 05/04/21 12:01

Client ID: 054_LMW-2

Date Received: 05/04/21

Sample Location: BROOKLYN, 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	0.0398		mg/l	0.0100	0.00327	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Antimony, Total	0.00060	J	mg/l	0.00400	0.00042	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00102		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Barium, Total	0.06044		mg/l	0.00050	0.00017	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Calcium, Total	58.9		mg/l	0.100	0.0394	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Chromium, Total	0.00061	J	mg/l	0.00100	0.00017	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00067		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Iron, Total	0.0883		mg/l	0.0500	0.0191	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Magnesium, Total	13.3		mg/l	0.0700	0.0242	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Manganese, Total	0.5028		mg/l	0.00100	0.00044	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 14:00	EPA 7470A	1,7470A	NB
Nickel, Total	0.00340		mg/l	0.00200	0.00055	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Potassium, Total	6.02		mg/l	0.100	0.0309	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Sodium, Total	40.2		mg/l	0.100	0.0293	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/21 06:55	05/09/21 17:51	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		05/09/21 17:51	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02

Date Collected: 05/04/21 12:01

Client ID: 054_LMW-2

Date Received: 05/04/21

Sample Location: BROOKLYN, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0139		mg/l	0.0100	0.00327	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00091	J	mg/l	0.00400	0.00042	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00096		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.06032		mg/l	0.00050	0.00017	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Calcium, Dissolved	57.1		mg/l	0.100	0.0394	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00052	J	mg/l	0.00100	0.00017	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00063		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0242	J	mg/l	0.0500	0.0191	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	14.6		mg/l	0.0700	0.0242	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.5126		mg/l	0.00100	0.00044	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/07/21 12:17	05/08/21 18:37	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00294		mg/l	0.00200	0.00055	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Potassium, Dissolved	5.92		mg/l	0.100	0.0309	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Sodium, Dissolved	41.0		mg/l	0.100	0.0293	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/07/21 12:12	05/09/21 14:35	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03

Date Collected: 05/04/21 14:10

Client ID: 055_LMW-1

Date Received: 05/04/21

Sample Location: BROOKLYN, 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	0.0395		mg/l	0.0100	0.00327	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00086		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Barium, Total	0.1710		mg/l	0.00050	0.00017	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Calcium, Total	94.1		mg/l	0.100	0.0394	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Chromium, Total	0.00028	J	mg/l	0.00100	0.00017	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00085		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Iron, Total	0.146		mg/l	0.0500	0.0191	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Lead, Total	0.00051	J	mg/l	0.00100	0.00034	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Magnesium, Total	31.6		mg/l	0.0700	0.0242	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Manganese, Total	1.065		mg/l	0.00100	0.00044	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 14:03	EPA 7470A	1,7470A	NB
Nickel, Total	0.00286		mg/l	0.00200	0.00055	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Potassium, Total	6.15		mg/l	0.100	0.0309	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Selenium, Total	0.00178	J	mg/l	0.00500	0.00173	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Sodium, Total	91.2		mg/l	0.100	0.0293	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/21 06:55	05/09/21 17:56	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		05/09/21 17:56	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03

Date Collected: 05/04/21 14:10

Client ID: 055_LMW-1

Date Received: 05/04/21

Sample Location: BROOKLYN, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00969	J	mg/l	0.0100	0.00327	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00082	J	mg/l	0.00400	0.00042	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00080		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1688		mg/l	0.00050	0.00017	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Calcium, Dissolved	95.3		mg/l	0.100	0.0394	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00084		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0746		mg/l	0.0500	0.0191	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	31.6		mg/l	0.0700	0.0242	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Manganese, Dissolved	1.202		mg/l	0.00100	0.00044	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/07/21 12:17	05/08/21 18:51	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00309		mg/l	0.00200	0.00055	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Potassium, Dissolved	6.77		mg/l	0.100	0.0309	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Sodium, Dissolved	91.1		mg/l	0.100	0.0293	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/07/21 12:12	05/09/21 15:30	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04

Date Collected: 05/04/21 16:20

Client ID: 056_MW11

Date Received: 05/04/21

Sample Location: BROOKLYN, 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	0.627		mg/l	0.0100	0.00327	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00095		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Barium, Total	0.09098		mg/l	0.00050	0.00017	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Calcium, Total	66.4		mg/l	0.100	0.0394	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Chromium, Total	0.00343		mg/l	0.00100	0.00017	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00098		mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Copper, Total	0.00195		mg/l	0.00100	0.00038	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Iron, Total	1.20		mg/l	0.0500	0.0191	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Lead, Total	0.00114		mg/l	0.00100	0.00034	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Magnesium, Total	25.5		mg/l	0.0700	0.0242	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Manganese, Total	0.08506		mg/l	0.00100	0.00044	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/07/21 08:40	05/07/21 14:07	EPA 7470A	1,7470A	NB
Nickel, Total	0.00171	J	mg/l	0.00200	0.00055	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Potassium, Total	3.12		mg/l	0.100	0.0309	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Sodium, Total	37.5		mg/l	0.100	0.0293	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Vanadium, Total	0.00322	J	mg/l	0.00500	0.00157	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
Zinc, Total	0.00534	J	mg/l	0.01000	0.00341	1	05/07/21 06:55	05/09/21 18:01	EPA 3005A	1,6020B	CD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		05/09/21 18:01	NA	107,-	



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04

Date Collected: 05/04/21 16:20

Client ID: 056_MW11

Date Received: 05/04/21

Sample Location: BROOKLYN, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00637	J	mg/l	0.0100	0.00327	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00059	J	mg/l	0.00400	0.00042	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00071		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.08328		mg/l	0.00050	0.00017	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Calcium, Dissolved	65.8		mg/l	0.100	0.0394	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00197		mg/l	0.00100	0.00017	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	25.0		mg/l	0.0700	0.0242	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.00124		mg/l	0.00100	0.00044	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/07/21 12:17	05/08/21 18:54	EPA 7470A	1,7470A	NB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Potassium, Dissolved	2.98		mg/l	0.100	0.0309	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Sodium, Dissolved	37.8		mg/l	0.100	0.0293	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	0.00183	J	mg/l	0.00500	0.00157	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/07/21 12:12	05/09/21 15:36	EPA 3005A	1,6020B	CD



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

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): 01-04 Batch: WG1495344-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	05/07/21 10:32	05/07/21 12:36	1,7470A	NB

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1495633-1									
Aluminum, Total	0.00906 J	mg/l	0.0100	0.00327	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Antimony, Total	ND	mg/l	0.00400	0.00042	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Barium, Total	0.00019 J	mg/l	0.00050	0.00017	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Calcium, Total	ND	mg/l	0.100	0.0394	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Chromium, Total	ND	mg/l	0.00100	0.00017	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Copper, Total	ND	mg/l	0.00100	0.00038	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Iron, Total	ND	mg/l	0.0500	0.0191	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Lead, Total	ND	mg/l	0.00100	0.00034	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Manganese, Total	0.00056 J	mg/l	0.00100	0.00044	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Nickel, Total	ND	mg/l	0.00200	0.00055	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Potassium, Total	ND	mg/l	0.100	0.0309	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Selenium, Total	ND	mg/l	0.00500	0.00173	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Silver, Total	ND	mg/l	0.00040	0.00016	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Sodium, Total	ND	mg/l	0.100	0.0293	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Thallium, Total	ND	mg/l	0.00100	0.00014	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD
Zinc, Total	ND	mg/l	0.01000	0.00341	1	05/07/21 06:55	05/09/21 15:00	1,6020B	CD



Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1495793-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Antimony, Dissolved	0.00065	J	mg/l	0.00400	0.00042	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Sodium, Dissolved	0.0542	J	mg/l	0.100	0.0293	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD
Zinc, Dissolved	0.00752	J	mg/l	0.01000	0.00341	1	05/07/21 12:12	05/09/21 12:56	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1495794-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00009	1	05/07/21 12:17	05/08/21 18:31	1,7470A	NB

Prep Information

Digestion Method: EPA 7470A



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495344-2								
Mercury, Total	94		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495633-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	84	-	80-120	-	
Arsenic, Total	107	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	96	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Cobalt, Total	97	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	101	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	103	-	80-120	-	
Nickel, Total	94	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	97	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495633-2					
Zinc, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495793-2					
Aluminum, Dissolved	99	-	80-120	-	
Antimony, Dissolved	92	-	80-120	-	
Arsenic, Dissolved	105	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	98	-	80-120	-	
Cadmium, Dissolved	106	-	80-120	-	
Calcium, Dissolved	99	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	95	-	80-120	-	
Copper, Dissolved	94	-	80-120	-	
Iron, Dissolved	98	-	80-120	-	
Lead, Dissolved	106	-	80-120	-	
Magnesium, Dissolved	99	-	80-120	-	
Manganese, Dissolved	100	-	80-120	-	
Nickel, Dissolved	93	-	80-120	-	
Potassium, Dissolved	100	-	80-120	-	
Selenium, Dissolved	110	-	80-120	-	
Silver, Dissolved	100	-	80-120	-	
Sodium, Dissolved	98	-	80-120	-	
Thallium, Dissolved	102	-	80-120	-	
Vanadium, Dissolved	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495793-2					
Zinc, Dissolved	103	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1495794-2					
Mercury, Dissolved	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

<u>Parameter</u>	<u>Native Sample</u>	<u>MS Added</u>	<u>MS Found</u>	<u>MS %Recovery</u>	<u>Qual</u>	<u>MSD Found</u>	<u>MSD %Recovery</u>	<u>Qual</u>	<u>Recovery Limits</u>	<u>RPD</u>	<u>Qual</u>	<u>RPD Limits</u>
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495344-3 WG1495344-4 QC Sample: L2122822-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00482	96		0.00464	93		75-125	4		20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

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): 01-04 QC Batch ID: WG1495633-3 WG1495633-4 QC Sample: L2121764-01 Client ID: MS Sample									
Aluminum, Total	0.031	2	1.96	96	2.00	98	75-125	2	20
Antimony, Total	ND	0.5	0.3757	75	0.4208	84	75-125	11	20
Arsenic, Total	0.00063	0.12	0.1255	104	0.1270	105	75-125	1	20
Barium, Total	0.01076	2	1.992	99	2.035	101	75-125	2	20
Beryllium, Total	0.00082	0.05	0.04898	96	0.05024	99	75-125	3	20
Cadmium, Total	0.00020	0.051	0.05328	104	0.05375	105	75-125	1	20
Calcium, Total	18.5	10	25.4	69	Q 25.1	66	Q 75-125	1	20
Chromium, Total	0.00048J	0.2	0.1824	91	0.1831	92	75-125	0	20
Cobalt, Total	ND	0.5	0.4613	92	0.4547	91	75-125	1	20
Copper, Total	ND	0.25	0.2454	98	0.2396	96	75-125	2	20
Iron, Total	0.034J	1	1.00	100	1.00	100	75-125	0	20
Lead, Total	ND	0.51	0.5188	102	0.5232	102	75-125	1	20
Magnesium, Total	1.81	10	11.2	94	11.5	97	75-125	3	20
Manganese, Total	0.0034	0.5	0.4908	97	0.4969	99	75-125	1	20
Nickel, Total	ND	0.5	0.4426	88	0.4445	89	75-125	0	20
Potassium, Total	6.52	10	15.6	91	15.7	92	75-125	1	20
Selenium, Total	0.00232J	0.12	0.134	112	0.132	110	75-125	2	20
Silver, Total	ND	0.05	0.04945	99	0.04852	97	75-125	2	20
Sodium, Total	15.0	10	22.2	72	Q 22.7	77	75-125	2	20
Thallium, Total	ND	0.12	0.1139	95	0.1169	97	75-125	3	20
Vanadium, Total	ND	0.5	0.4575	92	0.4568	91	75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

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): 01-04 QC Batch ID: WG1495633-3 WG1495633-4 QC Sample: L2121764-01 Client ID: MS Sample									
Zinc, Total	0.01750	0.5	0.5193	100	0.5168	100	75-125	0	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495793-3 QC Sample: L2123074-01 Client ID: 053_LMW-3									
Aluminum, Dissolved	0.00947J	2	1.96	98	-	-	75-125	-	20
Antimony, Dissolved	0.00111J	0.5	0.4994	100	-	-	75-125	-	20
Arsenic, Dissolved	0.00064	0.12	0.1256	104	-	-	75-125	-	20
Barium, Dissolved	0.08556	2	2.105	101	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.04989	100	-	-	75-125	-	20
Cadmium, Dissolved	0.00008J	0.051	0.05408	106	-	-	75-125	-	20
Calcium, Dissolved	74.8	10	84.4	96	-	-	75-125	-	20
Chromium, Dissolved	0.00066J	0.2	0.1888	94	-	-	75-125	-	20
Cobalt, Dissolved	0.00071	0.5	0.4712	94	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2409	96	-	-	75-125	-	20
Iron, Dissolved	ND	1	1.03	103	-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5375	105	-	-	75-125	-	20
Magnesium, Dissolved	23.2	10	32.4	92	-	-	75-125	-	20
Manganese, Dissolved	0.5594	0.5	1.056	99	-	-	75-125	-	20
Nickel, Dissolved	0.00268	0.5	0.4554	90	-	-	75-125	-	20
Potassium, Dissolved	4.25	10	13.9	96	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.131	109	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04998	100	-	-	75-125	-	20
Sodium, Dissolved	57.3	10	64.0	67	Q	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1208	101	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4684	94	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495793-3 QC Sample: L2123074-01 Client ID: 053_LMW-3									
Zinc, Dissolved	0.01052	0.5	0.5181	102	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495794-3 QC Sample: L2123074-02 Client ID: 054_LMW-2									
Mercury, Dissolved	ND	0.005	0.00518	104	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495793-4 QC Sample: L2123074-01 Client ID: 053_LMW-3						
Aluminum, Dissolved	0.00947J	0.0106	mg/l	NC		20
Antimony, Dissolved	0.00111J	0.00152J	mg/l	NC		20
Arsenic, Dissolved	0.00064	0.00072	mg/l	11		20
Barium, Dissolved	0.08556	0.08422	mg/l	2		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	0.00008J	ND	mg/l	NC		20
Calcium, Dissolved	74.8	74.9	mg/l	0		20
Chromium, Dissolved	0.00066J	0.00062J	mg/l	NC		20
Cobalt, Dissolved	0.00071	0.00076	mg/l	7		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	ND	0.0292J	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	23.2	23.5	mg/l	1		20
Manganese, Dissolved	0.5594	0.5563	mg/l	1		20
Nickel, Dissolved	0.00268	0.00264	mg/l	2		20
Potassium, Dissolved	4.25	4.30	mg/l	1		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	57.3	56.6	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495793-4 QC Sample: L2123074-01 Client ID: 053_LMW-3					
Thallium, Dissolved	ND	0.00041J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.01052	0.01029	mg/l	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495794-4 QC Sample: L2123074-02 Client ID: 054_LMW-2					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2123074

Report Date: 05/13/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1495793-6 QC Sample: L2123074-01 Client ID: 053_LMW-3						
Barium, Dissolved	0.08556	0.07860	mg/l	8		20
Calcium, Dissolved	74.8	72.9	mg/l	3		20
Magnesium, Dissolved	23.2	23.9	mg/l	3		20
Manganese, Dissolved	0.5594	0.5521	mg/l	1		20
Potassium, Dissolved	4.25	4.31	mg/l	1		20
Sodium, Dissolved	57.3	56.2	mg/l	2		20

INORGANICS & MISCELLANEOUS

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-01

Client ID: 053_LMW-3

Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 09:17

Date Received: 05/04/21

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										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/05/21 08:00	05/05/21 08:42	1,7196A	KP



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-02

Client ID: 054_LMW-2

Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:01

Date Received: 05/04/21

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										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/05/21 08:00	05/05/21 08:43	1,7196A	KP



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-03

Client ID: 055_LMW-1

Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 14:10

Date Received: 05/04/21

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										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/05/21 08:00	05/05/21 08:45	1,7196A	KP



Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

SAMPLE RESULTS

Lab ID: L2123074-04

Client ID: 056_MW11

Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 16:20

Date Received: 05/04/21

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										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/05/21 08:00	05/05/21 08:45	1,7196A	KP



Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

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): 01-04 Batch: WG1494622-1									
Chromium, Hexavalent	ND	mg/l	0.010	0.003	1	05/05/21 08:00	05/05/21 08:41	1,7196A	KP



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1494622-2								
Chromium, Hexavalent	104		-		85-115	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

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): 01-04 QC Batch ID: WG1494622-4 QC Sample: L2123074-02 Client ID: 054_LMW-2												
Chromium, Hexavalent	ND	0.1	0.104	104		-	-		85-115	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 100842301

Lab Number: L2123074

Report Date: 05/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1494622-3 QC Sample: L2123074-01 Client ID: 053_LMW-3						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: 130 ST. FELIX STREET**Lab Number:** L2123074**Project Number:** 100842301**Report Date:** 05/13/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2123074-01A	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2123074-01B	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2123074-01C	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2123074-01D	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-01E	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-01F	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8081(7)
L2123074-01G	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8081(7)
L2123074-01H	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8082-LVI(7)
L2123074-01J	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8082-LVI(7)
L2123074-01K	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-01L	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-01M	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-01N	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-01O	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		-
L2123074-01P	Plastic 250ml HNO3 preserved	C	<2	<2	4.3	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2123074-01Q	Plastic 500ml unpreserved	C	7	7	4.3	Y	Absent		HEXCR-7196(1)
L2123074-01R	Amber 1000ml unpreserved	C	7	7	4.3	Y	Absent		HERB-APA(7)

Project Name: 130 ST. FELIX STREET

Lab Number: L2123074

Project Number: 100842301

Report Date: 05/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2123074-01S	Amber 1000ml unpreserved	C	7	7	4.3	Y	Absent		HERB-APA(7)
L2123074-01X	Plastic 120ml HNO3 preserved Filtrates	C	NA		4.3	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),PB-6020S(180),NA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2123074-02A	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2123074-02B	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2123074-02C	Vial HCl preserved	C	NA		4.3	Y	Absent		NYTCL-8260(14)
L2123074-02D	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-02E	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-02F	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8081(7)
L2123074-02G	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8081(7)
L2123074-02H	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8082-LVI(7)
L2123074-02J	Amber 120ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8082-LVI(7)
L2123074-02K	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-02L	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-02M	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-02N	Amber 250ml unpreserved	C	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-02O	Plastic 250ml unpreserved	C	7	7	4.3	Y	Absent		-
L2123074-02P	Plastic 250ml HNO3 preserved	C	<2	<2	4.3	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2123074-02Q	Plastic 500ml unpreserved	C	7	7	4.3	Y	Absent		HEXCR-7196(1)
L2123074-02R	Amber 1000ml unpreserved	C	7	7	4.3	Y	Absent		HERB-APA(7)
L2123074-02S	Amber 1000ml unpreserved	C	7	7	4.3	Y	Absent		HERB-APA(7)

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05132116:49
Lab Number: L2123074
Report Date: 05/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2123074-02X	Plastic 120ml HNO3 preserved Filtrates	C	NA		4.3	Y	Absent		CU-6020S(180),V-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2123074-03A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-03B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-03C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-03D	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-03E	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-03F	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8081(7)
L2123074-03G	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8081(7)
L2123074-03H	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L2123074-03J	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L2123074-03K	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-03L	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-03M	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-03N	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-03O	Plastic 250ml unpreserved	B	7	7	3.4	Y	Absent		-
L2123074-03P	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2123074-03Q	Plastic 500ml unpreserved	B	7	7	3.4	Y	Absent		HEXCR-7196(1)
L2123074-03R	Amber 1000ml unpreserved	B	7	7	3.4	Y	Absent		HERB-APA(7)
L2123074-03S	Amber 1000ml unpreserved	B	7	7	3.4	Y	Absent		HERB-APA(7)

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05132116:49
Lab Number: L2123074
Report Date: 05/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2123074-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.4	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2123074-04A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-04B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-04C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-04D	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-04E	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2123074-04F	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8081(7)
L2123074-04G	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8081(7)
L2123074-04H	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L2123074-04J	Amber 120ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L2123074-04K	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-04L	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2123074-04M	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-04N	Amber 250ml unpreserved	B	7	7	3.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2123074-04O	Plastic 250ml unpreserved	B	7	7	3.4	Y	Absent		-
L2123074-04P	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2123074-04Q	Plastic 500ml unpreserved	B	7	7	3.4	Y	Absent		HEXCR-7196(1)
L2123074-04R	Amber 1000ml unpreserved	B	7	7	3.4	Y	Absent		HERB-APA(7)
L2123074-04S	Amber 1000ml unpreserved	B	7	7	3.4	Y	Absent		HERB-APA(7)

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05132116:49
Lab Number: L2123074
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2123074-04X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.4	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),NA-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2123074-05A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-05B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260(14)
L2123074-06A	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Serial_No:05132116:49
Lab Number: L2123074
Report Date: 05/13/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-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	PFEEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 130 ST. FELIX STREET
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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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 130 ST. FELIX STREET
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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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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 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.

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

- 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.

Project Name: 130 ST. FELIX STREET
Project Number: 100842301

Lab Number: L2123074
Report Date: 05/13/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Alpha Analytical - In-house calculation method.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, 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, **LCHAT 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


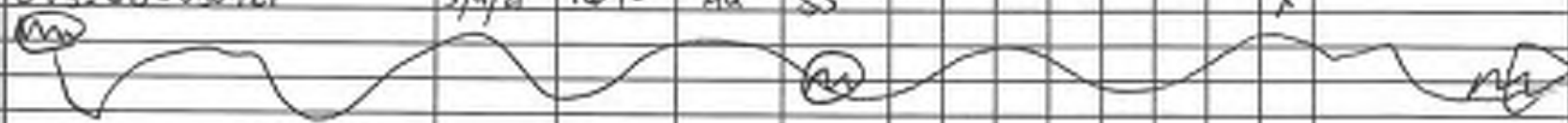
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

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	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 3 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #											
		of	05/04/21	2123074											
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9200 FAX: 508-898-9150	Mansfield, MA 02048 339 Forbes Blvd TEL: 508-823-9300 FAX: 508-823-3388	Project Information		Deliverables	Billing Information										
Project Name: 130 St. Felix Street Project Location: Brooklyn, NY Project # 10084230		(Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> ASP-A <input type="checkbox"/> EQUS (1 File) <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Same as Client Info PO #										
Client Information		Regulatory Requirement		Disposal Site Information											
Client: Langan Address: 300 Kimball Dr. Parsippany, NJ Phone: 973-560-4900 Fax: 973-560-4901 Email: breiner@langan.com		Project Manager: Ben Rao ALPHAQuote #:		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:											
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge													
Those samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration											
Other project specific requirements/comments: Please specify Metals or TAL: <u>TOTAL + Dissolved TRACE Metals</u>		VOCs SVOCs PCBs/Dissolved PCBs HCB/In Chromium Pesticides/PCBs Herbicides 1,4-Dioxin PFAS	<input type="checkbox"/> Done <input checked="" type="checkbox"/> Lab to do <input type="checkbox"/> Reservation <input type="checkbox"/> Lab to do (Please Specify below)		Sample Specific Comments										
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix		Sampler's Initials									
23074-01	053-LMW-3	5/4/21	9:17	GW	SS	X	X	X	X	X	X	X	X		18
-02	054-LMW-2	5/4/21	12:01	GW	SS	X	X	X	X	X	X	X	X		18
-03	055-LMW-1	5/4/21	14:10	GW	SS	X	X	X	X	X	X	X	X		18
-04	056-mull	5/4/21	16:20	GW	SS	X	X	X	X	X	X	X	X		18
-05	057-TB-050421	5/4/21	✓	MQ	SS	X									2
-06	058-GB-050421	5/4/21	1640	AA	SS								X		2
															
Presentative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₈ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encase D = BOD Bottle		Westboro: Certification No: MA055 Mansfield: Certification No: MA015		Container Type V A P P A A A P		Preservative B A C/A A 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.)					
Relinquished By: [Signature] / Langan [Signature] / [Signature] [Signature] / AAL		Date/Time: 5/4/21 16:50 5/4/21 18:05 5/4/21 23:45		Received By: [Signature] [Signature] AAL [Signature]		Date/Time: 5/4/21 16:48 5/4/21 20:00 5/4/21 23:45									



ANALYTICAL REPORT

Lab Number:	L2123062
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054-2172
ATTN:	Brandon Reiner
Phone:	(973) 560-4491
Project Name:	130 ST FELIX STREET
Project Number:	100842301
Report Date:	05/11/21

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2123062-01	030_AMBIENT-1	AIR	BROOKLYN, NY	05/04/21 15:00	05/04/21
L2123062-02	031_LSV-6A	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:18	05/04/21
L2123062-03	032_LSV-6B	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:25	05/04/21
L2123062-04	033_LSV-5A	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:26	05/04/21
L2123062-05	034_LSV-5B	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:25	05/04/21
L2123062-06	035_LSV-3A	SOIL_VAPOR	BROOKLYN, NY	05/04/21 12:00	05/04/21
L2123062-07	036_LSV-3B	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:22	05/04/21
L2123062-08	037_LSV-7A	SOIL_VAPOR	BROOKLYN, NY	05/04/21 10:50	05/04/21
L2123062-09	038_LSV-7B	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:14	05/04/21
L2123062-10	039_LSV-8A	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:17	05/04/21
L2123062-11	040_LSV-8B	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:17	05/04/21
L2123062-12	041_LSV-4A	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:13	05/04/21
L2123062-13	042_LSV-4B	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:24	05/04/21
L2123062-14	043_LSV-2A	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:06	05/04/21
L2123062-15	044_LSV-2B	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:05	05/04/21
L2123062-16	045_LSV-1	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:03	05/04/21
L2123062-17	046_DUP-1	SOIL_VAPOR	BROOKLYN, NY	05/04/21 11:03	05/04/21
L2123062-18	UNUSED_CAN#1854	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-19	UNUSED_CAN#2969	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-20	UNUSED_CAN#154	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-21	UNUSED_CAN#3186	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-22	UNUSED_CAN#2224	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-23	UNUSED_CAN#2733	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-24	UNUSED_CAN#223	SOIL_VAPOR	BROOKLYN, NY		05/04/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2123062-25	UNUSED_CAN#103	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-26	UNUSED_CAN#504	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-27	UNUSED_CAN#389	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-28	UNUSED_CAN#2600	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-29	UNUSED_CAN#2874	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-30	UNUSED_CAN#3233	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-31	UNUSED_CAN#2517	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-32	UNUSED_CAN#556	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-33	UNUSED_CAN#534	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-34	UNUSED_CAN#3201	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-35	UNUSED_CAN#2432	SOIL_VAPOR	BROOKLYN, NY		05/04/21
L2123062-36	UNUSED_CAN#2598	SOIL_VAPOR	BROOKLYN, NY		05/04/21

Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

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: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21


Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 3 and 4, 2021. The canister certification results are provided as an addendum.

L2123062-02D through 07D,09D,13D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 05/11/21

AIR

Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-01
 Client ID: 030_AMBIENT-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 15:00
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 16:34
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.463	0.200	--	2.29	0.989	--		1
Chloromethane	0.551	0.200	--	1.14	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	9.04	5.00	--	17.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.73	1.00	--	6.49	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.37	0.500	--	3.37	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-01
 Client ID: 030_AMBIENT-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 15:00
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.355	0.200	--	1.34	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-01
 Client ID: 030_AMBIENT-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 15:00
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	83		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	85		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-02 D
 Client ID: 031_LSV-6A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:18
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 17:10
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.714	--	ND	3.53	--		3.571
Chloromethane	ND	0.714	--	ND	1.47	--		3.571
Freon-114	ND	0.714	--	ND	4.99	--		3.571
Vinyl chloride	ND	0.714	--	ND	1.83	--		3.571
1,3-Butadiene	ND	0.714	--	ND	1.58	--		3.571
Bromomethane	ND	0.714	--	ND	2.77	--		3.571
Chloroethane	ND	0.714	--	ND	1.88	--		3.571
Ethanol	ND	17.8	--	ND	33.5	--		3.571
Vinyl bromide	ND	0.714	--	ND	3.12	--		3.571
Acetone	58.4	3.57	--	139	8.48	--		3.571
Trichlorofluoromethane	ND	0.714	--	ND	4.01	--		3.571
Isopropanol	ND	1.78	--	ND	4.38	--		3.571
1,1-Dichloroethene	ND	0.714	--	ND	2.83	--		3.571
Tertiary butyl Alcohol	ND	1.78	--	ND	5.40	--		3.571
Methylene chloride	ND	1.78	--	ND	6.18	--		3.571
3-Chloropropene	ND	0.714	--	ND	2.23	--		3.571
Carbon disulfide	ND	0.714	--	ND	2.22	--		3.571
Freon-113	ND	0.714	--	ND	5.47	--		3.571
trans-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--		3.571
1,1-Dichloroethane	ND	0.714	--	ND	2.89	--		3.571
Methyl tert butyl ether	ND	0.714	--	ND	2.57	--		3.571
2-Butanone	232	1.78	--	684	5.25	--		3.571
cis-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--		3.571



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-02 D
 Client ID: 031_LSV-6A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:18
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.78	--	ND	6.41	--		3.571
Chloroform	ND	0.714	--	ND	3.49	--		3.571
Tetrahydrofuran	ND	1.78	--	ND	5.25	--		3.571
1,2-Dichloroethane	ND	0.714	--	ND	2.89	--		3.571
n-Hexane	0.764	0.714	--	2.69	2.52	--		3.571
1,1,1-Trichloroethane	ND	0.714	--	ND	3.90	--		3.571
Benzene	ND	0.714	--	ND	2.28	--		3.571
Carbon tetrachloride	ND	0.714	--	ND	4.49	--		3.571
Cyclohexane	ND	0.714	--	ND	2.46	--		3.571
1,2-Dichloropropane	ND	0.714	--	ND	3.30	--		3.571
Bromodichloromethane	ND	0.714	--	ND	4.78	--		3.571
Xylenes, Total	7.92	0.714	--	34.4	3.10	--		3.571
1,4-Dioxane	ND	0.714	--	ND	2.57	--		3.571
Trichloroethene	ND	0.714	--	ND	3.84	--		3.571
2,2,4-Trimethylpentane	ND	0.714	--	ND	3.33	--		3.571
Heptane	0.914	0.714	--	3.75	2.93	--		3.571
cis-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--		3.571
4-Methyl-2-pentanone	ND	1.78	--	ND	7.29	--		3.571
trans-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--		3.571
1,1,2-Trichloroethane	ND	0.714	--	ND	3.90	--		3.571
Toluene	1.66	0.714	--	6.26	2.69	--		3.571
2-Hexanone	13.7	0.714	--	56.1	2.93	--		3.571
Dibromochloromethane	ND	0.714	--	ND	6.08	--		3.571
1,2-Dibromoethane	ND	0.714	--	ND	5.49	--		3.571
Tetrachloroethene	1.77	0.714	--	12.0	4.84	--		3.571
Chlorobenzene	ND	0.714	--	ND	3.29	--		3.571



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-02 D
 Client ID: 031_LSV-6A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:18
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	1.10	0.714	--	4.78	3.10	--		3.571
p/m-Xylene	4.81	1.43	--	20.9	6.21	--		3.571
Bromoform	ND	0.714	--	ND	7.38	--		3.571
Styrene	ND	0.714	--	ND	3.04	--		3.571
1,1,2,2-Tetrachloroethane	ND	0.714	--	ND	4.90	--		3.571
o-Xylene	3.11	0.714	--	13.5	3.10	--		3.571
4-Ethyltoluene	1.50	0.714	--	7.37	3.51	--		3.571
1,3,5-Trimethylbenzene	2.55	0.714	--	12.5	3.51	--		3.571
1,2,4-Trimethylbenzene	7.74	0.714	--	38.1	3.51	--		3.571
Benzyl chloride	ND	0.714	--	ND	3.70	--		3.571
1,3-Dichlorobenzene	ND	0.714	--	ND	4.29	--		3.571
1,4-Dichlorobenzene	ND	0.714	--	ND	4.29	--		3.571
1,2-Dichlorobenzene	ND	0.714	--	ND	4.29	--		3.571
1,2,4-Trichlorobenzene	ND	0.714	--	ND	5.30	--		3.571
Hexachlorobutadiene	ND	0.714	--	ND	7.62	--		3.571

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	89		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-03 D
 Client ID: 032_LSV-6B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:25
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 17:46
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	255	10.0	--	606	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	679	5.00	--	2000	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-03 D
 Client ID: 032_LSV-6B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:25
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	2.10	2.00	--	10.3	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	2.90	2.00	--	10.2	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	2.37	2.00	--	8.16	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Xylenes, Total	18.3	2.00	--	79.5	8.69	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	5.20	2.00	--	24.3	9.34	--		10
Heptane	2.93	2.00	--	12.0	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	5.75	2.00	--	21.7	7.54	--		10
2-Hexanone	26.6	2.00	--	109	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	5.36	2.00	--	36.3	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-03 D
 Client ID: 032_LSV-6B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:25
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	2.86	2.00	--	12.4	8.69	--		10
p/m-Xylene	9.82	4.00	--	42.7	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	8.44	2.00	--	36.7	8.69	--		10
4-Ethyltoluene	2.33	2.00	--	11.5	9.83	--		10
1,3,5-Trimethylbenzene	5.97	2.00	--	29.3	9.83	--		10
1,2,4-Trimethylbenzene	10.8	2.00	--	53.1	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-04 D
 Client ID: 033_LSV-5A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:26
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 18:23
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.457	0.333	--	2.26	1.65	--		1.667
Chloromethane	ND	0.333	--	ND	0.688	--		1.667
Freon-114	ND	0.333	--	ND	2.33	--		1.667
Vinyl chloride	ND	0.333	--	ND	0.851	--		1.667
1,3-Butadiene	ND	0.333	--	ND	0.737	--		1.667
Bromomethane	ND	0.333	--	ND	1.29	--		1.667
Chloroethane	ND	0.333	--	ND	0.879	--		1.667
Ethanol	ND	8.34	--	ND	15.7	--		1.667
Vinyl bromide	ND	0.333	--	ND	1.46	--		1.667
Acetone	24.3	1.67	--	57.7	3.97	--		1.667
Trichlorofluoromethane	ND	0.333	--	ND	1.87	--		1.667
Isopropanol	ND	0.834	--	ND	2.05	--		1.667
1,1-Dichloroethene	ND	0.333	--	ND	1.32	--		1.667
Tertiary butyl Alcohol	ND	0.834	--	ND	2.53	--		1.667
Methylene chloride	ND	0.834	--	ND	2.90	--		1.667
3-Chloropropene	ND	0.333	--	ND	1.04	--		1.667
Carbon disulfide	ND	0.333	--	ND	1.04	--		1.667
Freon-113	ND	0.333	--	ND	2.55	--		1.667
trans-1,2-Dichloroethene	ND	0.333	--	ND	1.32	--		1.667
1,1-Dichloroethane	ND	0.333	--	ND	1.35	--		1.667
Methyl tert butyl ether	ND	0.333	--	ND	1.20	--		1.667
2-Butanone	128	0.834	--	378	2.46	--		1.667
cis-1,2-Dichloroethene	ND	0.333	--	ND	1.32	--		1.667



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-04 D
 Client ID: 033_LSV-5A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:26
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.834	--	ND	3.01	--		1.667
Chloroform	ND	0.333	--	ND	1.63	--		1.667
Tetrahydrofuran	ND	0.834	--	ND	2.46	--		1.667
1,2-Dichloroethane	ND	0.333	--	ND	1.35	--		1.667
n-Hexane	ND	0.333	--	ND	1.17	--		1.667
1,1,1-Trichloroethane	ND	0.333	--	ND	1.82	--		1.667
Benzene	ND	0.333	--	ND	1.06	--		1.667
Carbon tetrachloride	ND	0.333	--	ND	2.09	--		1.667
Cyclohexane	ND	0.333	--	ND	1.15	--		1.667
1,2-Dichloropropane	ND	0.333	--	ND	1.54	--		1.667
Xylenes, Total	7.31	0.333	--	31.8	1.45	--		1.667
Bromodichloromethane	ND	0.333	--	ND	2.23	--		1.667
1,4-Dioxane	ND	0.333	--	ND	1.20	--		1.667
Trichloroethene	ND	0.333	--	ND	1.79	--		1.667
2,2,4-Trimethylpentane	ND	0.333	--	ND	1.56	--		1.667
Heptane	0.422	0.333	--	1.73	1.36	--		1.667
cis-1,3-Dichloropropene	ND	0.333	--	ND	1.51	--		1.667
4-Methyl-2-pentanone	ND	0.834	--	ND	3.42	--		1.667
trans-1,3-Dichloropropene	ND	0.333	--	ND	1.51	--		1.667
1,1,2-Trichloroethane	ND	0.333	--	ND	1.82	--		1.667
Toluene	0.838	0.333	--	3.16	1.25	--		1.667
2-Hexanone	11.8	0.333	--	48.4	1.36	--		1.667
Dibromochloromethane	ND	0.333	--	ND	2.84	--		1.667
1,2-Dibromoethane	ND	0.333	--	ND	2.56	--		1.667
Tetrachloroethene	1.33	0.333	--	9.02	2.26	--		1.667
Chlorobenzene	ND	0.333	--	ND	1.53	--		1.667



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-04 D
 Client ID: 033_LSV-5A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:26
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	0.915	0.333	--	3.97	1.45	--		1.667
p/m-Xylene	4.44	0.667	--	19.3	2.90	--		1.667
Bromoform	ND	0.333	--	ND	3.44	--		1.667
Styrene	ND	0.333	--	ND	1.42	--		1.667
1,1,2,2-Tetrachloroethane	ND	0.333	--	ND	2.29	--		1.667
o-Xylene	2.86	0.333	--	12.4	1.45	--		1.667
4-Ethyltoluene	2.06	0.333	--	10.1	1.64	--		1.667
1,3,5-Trimethylbenzene	2.68	0.333	--	13.2	1.64	--		1.667
1,2,4-Trimethylbenzene	8.56	0.333	--	42.1	1.64	--		1.667
Benzyl chloride	ND	0.333	--	ND	1.72	--		1.667
1,3-Dichlorobenzene	ND	0.333	--	ND	2.00	--		1.667
1,4-Dichlorobenzene	ND	0.333	--	ND	2.00	--		1.667
1,2-Dichlorobenzene	ND	0.333	--	ND	2.00	--		1.667
1,2,4-Trichlorobenzene	ND	0.333	--	ND	2.47	--		1.667
Hexachlorobutadiene	ND	0.333	--	ND	3.55	--		1.667

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-05 D
 Client ID: 034_LSV-5B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:25
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 18:58
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.909	--	ND	4.49	--		4.545
Chloromethane	ND	0.909	--	ND	1.88	--		4.545
Freon-114	ND	0.909	--	ND	6.35	--		4.545
Vinyl chloride	ND	0.909	--	ND	2.32	--		4.545
1,3-Butadiene	ND	0.909	--	ND	2.01	--		4.545
Bromomethane	ND	0.909	--	ND	3.53	--		4.545
Chloroethane	ND	0.909	--	ND	2.40	--		4.545
Ethanol	ND	22.7	--	ND	42.8	--		4.545
Vinyl bromide	ND	0.909	--	ND	3.97	--		4.545
Acetone	74.7	4.54	--	177	10.8	--		4.545
Trichlorofluoromethane	ND	0.909	--	ND	5.11	--		4.545
Isopropanol	ND	2.27	--	ND	5.58	--		4.545
1,1-Dichloroethene	ND	0.909	--	ND	3.60	--		4.545
Tertiary butyl Alcohol	ND	2.27	--	ND	6.88	--		4.545
Methylene chloride	ND	2.27	--	ND	7.89	--		4.545
3-Chloropropene	ND	0.909	--	ND	2.85	--		4.545
Carbon disulfide	0.936	0.909	--	2.91	2.83	--		4.545
Freon-113	ND	0.909	--	ND	6.97	--		4.545
trans-1,2-Dichloroethene	ND	0.909	--	ND	3.60	--		4.545
1,1-Dichloroethane	ND	0.909	--	ND	3.68	--		4.545
Methyl tert butyl ether	ND	0.909	--	ND	3.28	--		4.545
2-Butanone	339	2.27	--	1000	6.69	--		4.545
cis-1,2-Dichloroethene	ND	0.909	--	ND	3.60	--		4.545



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-05 D
 Client ID: 034_LSV-5B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:25
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.27	--	ND	8.18	--		4.545
Chloroform	5.77	0.909	--	28.2	4.44	--		4.545
Tetrahydrofuran	ND	2.27	--	ND	6.69	--		4.545
1,2-Dichloroethane	ND	0.909	--	ND	3.68	--		4.545
n-Hexane	1.06	0.909	--	3.74	3.20	--		4.545
1,1,1-Trichloroethane	ND	0.909	--	ND	4.96	--		4.545
Benzene	ND	0.909	--	ND	2.90	--		4.545
Carbon tetrachloride	ND	0.909	--	ND	5.72	--		4.545
Cyclohexane	0.973	0.909	--	3.35	3.13	--		4.545
1,2-Dichloropropane	ND	0.909	--	ND	4.20	--		4.545
Xylenes, Total	15.0	0.909	--	65.2	3.95	--		4.545
Bromodichloromethane	ND	0.909	--	ND	6.09	--		4.545
1,4-Dioxane	ND	0.909	--	ND	3.28	--		4.545
Trichloroethene	ND	0.909	--	ND	4.89	--		4.545
2,2,4-Trimethylpentane	1.44	0.909	--	6.73	4.25	--		4.545
Heptane	1.53	0.909	--	6.27	3.73	--		4.545
cis-1,3-Dichloropropene	ND	0.909	--	ND	4.13	--		4.545
4-Methyl-2-pentanone	ND	2.27	--	ND	9.30	--		4.545
trans-1,3-Dichloropropene	ND	0.909	--	ND	4.13	--		4.545
1,1,2-Trichloroethane	ND	0.909	--	ND	4.96	--		4.545
Toluene	4.40	0.909	--	16.6	3.43	--		4.545
2-Hexanone	20.3	0.909	--	83.2	3.73	--		4.545
Dibromochloromethane	ND	0.909	--	ND	7.74	--		4.545
1,2-Dibromoethane	ND	0.909	--	ND	6.99	--		4.545
Tetrachloroethene	4.46	0.909	--	30.2	6.16	--		4.545
Chlorobenzene	ND	0.909	--	ND	4.19	--		4.545



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-05 D
 Client ID: 034_LSV-5B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:25
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	2.37	0.909	--	10.3	3.95	--		4.545
p/m-Xylene	9.44	1.82	--	41.0	7.91	--		4.545
Bromoform	ND	0.909	--	ND	9.40	--		4.545
Styrene	ND	0.909	--	ND	3.87	--		4.545
1,1,2,2-Tetrachloroethane	ND	0.909	--	ND	6.24	--		4.545
o-Xylene	5.52	0.909	--	24.0	3.95	--		4.545
4-Ethyltoluene	2.30	0.909	--	11.3	4.47	--		4.545
1,3,5-Trimethylbenzene	3.09	0.909	--	15.2	4.47	--		4.545
1,2,4-Trimethylbenzene	8.48	0.909	--	41.7	4.47	--		4.545
Benzyl chloride	ND	0.909	--	ND	4.71	--		4.545
1,3-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,4-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,2-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,2,4-Trichlorobenzene	ND	0.909	--	ND	6.75	--		4.545
Hexachlorobutadiene	ND	0.909	--	ND	9.70	--		4.545

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-06 D
 Client ID: 035_LSV-3A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:00
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 19:34
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.556	--	ND	2.75	--		2.778
Chloromethane	ND	0.556	--	ND	1.15	--		2.778
Freon-114	ND	0.556	--	ND	3.89	--		2.778
Vinyl chloride	ND	0.556	--	ND	1.42	--		2.778
1,3-Butadiene	ND	0.556	--	ND	1.23	--		2.778
Bromomethane	ND	0.556	--	ND	2.16	--		2.778
Chloroethane	ND	0.556	--	ND	1.47	--		2.778
Ethanol	ND	13.9	--	ND	26.2	--		2.778
Vinyl bromide	ND	0.556	--	ND	2.43	--		2.778
Acetone	39.1	2.78	--	92.9	6.60	--		2.778
Trichlorofluoromethane	ND	0.556	--	ND	3.12	--		2.778
Isopropanol	ND	1.39	--	ND	3.42	--		2.778
1,1-Dichloroethene	ND	0.556	--	ND	2.20	--		2.778
Tertiary butyl Alcohol	ND	1.39	--	ND	4.21	--		2.778
Methylene chloride	ND	1.39	--	ND	4.83	--		2.778
3-Chloropropene	ND	0.556	--	ND	1.74	--		2.778
Carbon disulfide	ND	0.556	--	ND	1.73	--		2.778
Freon-113	ND	0.556	--	ND	4.26	--		2.778
trans-1,2-Dichloroethene	ND	0.556	--	ND	2.20	--		2.778
1,1-Dichloroethane	ND	0.556	--	ND	2.25	--		2.778
Methyl tert butyl ether	ND	0.556	--	ND	2.00	--		2.778
2-Butanone	204	1.39	--	602	4.10	--		2.778
cis-1,2-Dichloroethene	ND	0.556	--	ND	2.20	--		2.778



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-06 D
 Client ID: 035_LSV-3A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:00
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.39	--	ND	5.01	--		2.778
Chloroform	ND	0.556	--	ND	2.72	--		2.778
Tetrahydrofuran	ND	1.39	--	ND	4.10	--		2.778
1,2-Dichloroethane	ND	0.556	--	ND	2.25	--		2.778
n-Hexane	0.889	0.556	--	3.13	1.96	--		2.778
1,1,1-Trichloroethane	ND	0.556	--	ND	3.03	--		2.778
Benzene	ND	0.556	--	ND	1.78	--		2.778
Carbon tetrachloride	ND	0.556	--	ND	3.50	--		2.778
Cyclohexane	0.964	0.556	--	3.32	1.91	--		2.778
1,2-Dichloropropane	ND	0.556	--	ND	2.57	--		2.778
Bromodichloromethane	ND	0.556	--	ND	3.72	--		2.778
Xylenes, Total	10.4	0.556	--	45.2	2.42	--		2.778
1,4-Dioxane	ND	0.556	--	ND	2.00	--		2.778
Trichloroethene	ND	0.556	--	ND	2.99	--		2.778
2,2,4-Trimethylpentane	1.61	0.556	--	7.52	2.60	--		2.778
Heptane	0.967	0.556	--	3.96	2.28	--		2.778
cis-1,3-Dichloropropene	ND	0.556	--	ND	2.52	--		2.778
4-Methyl-2-pentanone	ND	1.39	--	ND	5.70	--		2.778
trans-1,3-Dichloropropene	ND	0.556	--	ND	2.52	--		2.778
1,1,2-Trichloroethane	ND	0.556	--	ND	3.03	--		2.778
Toluene	2.30	0.556	--	8.67	2.10	--		2.778
2-Hexanone	14.4	0.556	--	59.0	2.28	--		2.778
Dibromochloromethane	ND	0.556	--	ND	4.74	--		2.778
1,2-Dibromoethane	ND	0.556	--	ND	4.27	--		2.778
Tetrachloroethene	2.72	0.556	--	18.4	3.77	--		2.778
Chlorobenzene	ND	0.556	--	ND	2.56	--		2.778



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-06 D
 Client ID: 035_LSV-3A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 12:00
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	1.50	0.556	--	6.52	2.42	--		2.778
p/m-Xylene	6.30	1.11	--	27.4	4.82	--		2.778
Bromoform	ND	0.556	--	ND	5.75	--		2.778
Styrene	ND	0.556	--	ND	2.37	--		2.778
1,1,2,2-Tetrachloroethane	ND	0.556	--	ND	3.82	--		2.778
o-Xylene	4.05	0.556	--	17.6	2.42	--		2.778
4-Ethyltoluene	2.48	0.556	--	12.2	2.73	--		2.778
1,3,5-Trimethylbenzene	3.07	0.556	--	15.1	2.73	--		2.778
1,2,4-Trimethylbenzene	9.89	0.556	--	48.6	2.73	--		2.778
Benzyl chloride	ND	0.556	--	ND	2.88	--		2.778
1,3-Dichlorobenzene	ND	0.556	--	ND	3.34	--		2.778
1,4-Dichlorobenzene	ND	0.556	--	ND	3.34	--		2.778
1,2-Dichlorobenzene	ND	0.556	--	ND	3.34	--		2.778
1,2,4-Trichlorobenzene	ND	0.556	--	ND	4.13	--		2.778
Hexachlorobutadiene	ND	0.556	--	ND	5.93	--		2.778

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-07 D
 Client ID: 036_LSV-3B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:22
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 20:10
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	ND	0.500	--	ND	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	ND	12.5	--	ND	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	38.4	2.50	--	91.2	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	ND	1.25	--	ND	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Tertiary butyl Alcohol	ND	1.25	--	ND	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	2.17	0.500	--	6.76	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	190	1.25	--	560	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-07 D
 Client ID: 036_LSV-3B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:22
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	3.56	0.500	--	17.4	2.44	--		2.5
Tetrahydrofuran	ND	1.25	--	ND	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	1.34	0.500	--	4.72	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	ND	0.500	--	ND	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	1.36	0.500	--	4.68	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
Xylenes, Total	15.1	0.500	--	65.6	2.17	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	2.53	0.500	--	11.8	2.34	--		2.5
Heptane	1.70	0.500	--	6.97	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	4.58	0.500	--	17.3	1.88	--		2.5
2-Hexanone	21.7	0.500	--	88.9	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	4.99	0.500	--	33.8	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-07 D
 Client ID: 036_LSV-3B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:22
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	2.52	0.500	--	10.9	2.17	--		2.5
p/m-Xylene	9.42	1.00	--	40.9	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	5.72	0.500	--	24.8	2.17	--		2.5
4-Ethyltoluene	2.08	0.500	--	10.2	2.46	--		2.5
1,3,5-Trimethylbenzene	2.90	0.500	--	14.3	2.46	--		2.5
1,2,4-Trimethylbenzene	8.50	0.500	--	41.8	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-08
 Client ID: 037_LSV-7A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 10:50
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 20:50
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.430	0.200	--	2.13	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.93	5.00	--	14.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.25	1.00	--	19.6	2.38	--		1
Trichlorofluoromethane	0.206	0.200	--	1.16	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.950	0.500	--	2.88	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	51.0	0.500	--	150	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-08
 Client ID: 037_LSV-7A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 10:50
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.556	0.200	--	1.96	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
Xylenes, Total	34.8	0.200	--	151	0.869	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.30	0.200	--	6.99	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.830	0.200	--	3.40	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	6.14	0.200	--	23.1	0.754	--		1
2-Hexanone	8.43	0.200	--	34.5	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.854	0.200	--	5.79	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-08
 Client ID: 037_LSV-7A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 10:50
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	4.98	0.200	--	21.6	0.869	--		1
p/m-Xylene	22.1	0.400	--	96.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	12.7	0.200	--	55.2	0.869	--		1
4-Ethyltoluene	9.68	0.200	--	47.6	0.983	--		1
1,3,5-Trimethylbenzene	13.7	0.200	--	67.4	0.983	--		1
1,2,4-Trimethylbenzene	47.1	0.200	--	232	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	103		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-09 D
 Client ID: 038_LSV-7B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:14
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 21:26
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	ND	0.500	--	ND	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	19.4	12.5	--	36.6	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	24.6	2.50	--	58.4	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	ND	1.25	--	ND	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Tertiary butyl Alcohol	ND	1.25	--	ND	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	1.35	0.500	--	4.20	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	174	1.25	--	513	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-09 D
 Client ID: 038_LSV-7B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:14
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	1.14	0.500	--	5.57	2.44	--		2.5
Tetrahydrofuran	ND	1.25	--	ND	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	2.10	0.500	--	7.40	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	0.758	0.500	--	2.42	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	1.04	0.500	--	3.58	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
Xylenes, Total	80.2	0.500	--	348	2.17	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	3.52	0.500	--	18.9	2.69	--		2.5
2,2,4-Trimethylpentane	1.75	0.500	--	8.17	2.34	--		2.5
Heptane	3.10	0.500	--	12.7	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	28.2	0.500	--	106	1.88	--		2.5
2-Hexanone	16.2	0.500	--	66.4	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	2.42	0.500	--	16.4	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-09 D
 Client ID: 038_LSV-7B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:14
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	14.2	0.500	--	61.7	2.17	--		2.5
p/m-Xylene	52.6	1.00	--	228	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	27.6	0.500	--	120	2.17	--		2.5
4-Ethyltoluene	14.4	0.500	--	70.8	2.46	--		2.5
1,3,5-Trimethylbenzene	19.4	0.500	--	95.4	2.46	--		2.5
1,2,4-Trimethylbenzene	65.0	0.500	--	320	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-10
 Client ID: 039_LSV-8A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 22:05
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.468	0.200	--	2.31	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.10	1.00	--	4.99	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	10.2	0.500	--	30.1	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-10
 Client ID: 039_LSV-8A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
Xylenes, Total	21.3	0.200	--	92.5	0.869	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.91	0.200	--	7.20	0.754	--		1
2-Hexanone	1.16	0.200	--	4.75	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.429	0.200	--	2.91	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET**Lab Number:** L2123062**Project Number:** 100842301**Report Date:** 05/11/21**SAMPLE RESULTS**

Lab ID: L2123062-10
 Client ID: 039_LSV-8A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	2.61	0.200	--	11.3	0.869	--		1
p/m-Xylene	13.2	0.400	--	57.3	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	8.08	0.200	--	35.1	0.869	--		1
4-Ethyltoluene	7.69	0.200	--	37.8	0.983	--		1
1,3,5-Trimethylbenzene	10.7	0.200	--	52.6	0.983	--		1
1,2,4-Trimethylbenzene	38.7	0.200	--	190	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-11
 Client ID: 040_LSV-8B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 22:44
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.429	0.200	--	2.12	0.989	--		1
Chloromethane	0.296	0.200	--	0.611	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.206	0.200	--	0.456	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.42	1.00	--	5.75	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.70	0.200	--	8.41	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	18.6	0.500	--	54.9	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-11
 Client ID: 040_LSV-8B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.70	0.500	--	5.01	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Xylenes, Total	4.28	0.200	--	18.6	0.869	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.13	0.200	--	4.26	0.754	--		1
2-Hexanone	2.06	0.200	--	8.44	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.267	0.200	--	1.81	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-11
 Client ID: 040_LSV-8B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:17
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	0.744	0.200	--	3.23	0.869	--		1
p/m-Xylene	2.88	0.400	--	12.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.40	0.200	--	6.08	0.869	--		1
4-Ethyltoluene	0.584	0.200	--	2.87	0.983	--		1
1,3,5-Trimethylbenzene	0.548	0.200	--	2.69	0.983	--		1
1,2,4-Trimethylbenzene	1.98	0.200	--	9.73	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-12
 Client ID: 041_LSV-4A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:13
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 23:22
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.456	0.200	--	2.25	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.86	1.00	--	9.17	2.38	--		1
Trichlorofluoromethane	0.226	0.200	--	1.27	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.428	0.200	--	1.33	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	55.9	0.500	--	165	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-12
 Client ID: 041_LSV-4A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:13
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.83	0.500	--	5.40	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.404	0.200	--	1.42	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Xylenes, Total	6.05	0.200	--	26.3	0.869	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.465	0.200	--	1.91	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.65	0.200	--	6.22	0.754	--		1
2-Hexanone	10.7	0.200	--	43.9	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.494	0.200	--	3.35	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-12
 Client ID: 041_LSV-4A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:13
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	0.945	0.200	--	4.10	0.869	--		1
p/m-Xylene	4.02	0.400	--	17.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.02	0.200	--	8.77	0.869	--		1
4-Ethyltoluene	1.27	0.200	--	6.24	0.983	--		1
1,3,5-Trimethylbenzene	1.35	0.200	--	6.64	0.983	--		1
1,2,4-Trimethylbenzene	5.07	0.200	--	24.9	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	92		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-13 D
 Client ID: 042_LSV-4B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:24
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/11/21 00:39
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.463	0.294	--	2.29	1.45	--		1.471
Chloromethane	0.347	0.294	--	0.717	0.607	--		1.471
Freon-114	ND	0.294	--	ND	2.05	--		1.471
Vinyl chloride	ND	0.294	--	ND	0.752	--		1.471
1,3-Butadiene	0.362	0.294	--	0.801	0.650	--		1.471
Bromomethane	ND	0.294	--	ND	1.14	--		1.471
Chloroethane	ND	0.294	--	ND	0.776	--		1.471
Ethanol	9.62	7.35	--	18.1	13.8	--		1.471
Vinyl bromide	ND	0.294	--	ND	1.29	--		1.471
Acetone	40.2	1.47	--	95.5	3.49	--		1.471
Trichlorofluoromethane	ND	0.294	--	ND	1.65	--		1.471
Isopropanol	ND	0.735	--	ND	1.81	--		1.471
1,1-Dichloroethene	ND	0.294	--	ND	1.17	--		1.471
Tertiary butyl Alcohol	ND	0.735	--	ND	2.23	--		1.471
Methylene chloride	ND	0.735	--	ND	2.55	--		1.471
3-Chloropropene	ND	0.294	--	ND	0.920	--		1.471
Carbon disulfide	4.44	0.294	--	13.8	0.916	--		1.471
Freon-113	ND	0.294	--	ND	2.25	--		1.471
trans-1,2-Dichloroethene	ND	0.294	--	ND	1.17	--		1.471
1,1-Dichloroethane	ND	0.294	--	ND	1.19	--		1.471
Methyl tert butyl ether	ND	0.294	--	ND	1.06	--		1.471
2-Butanone	104	0.735	--	307	2.17	--		1.471
cis-1,2-Dichloroethene	ND	0.294	--	ND	1.17	--		1.471



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-13 D
 Client ID: 042_LSV-4B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:24
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.735	--	ND	2.65	--		1.471
Chloroform	ND	0.294	--	ND	1.44	--		1.471
Tetrahydrofuran	3.14	0.735	--	9.26	2.17	--		1.471
1,2-Dichloroethane	ND	0.294	--	ND	1.19	--		1.471
n-Hexane	0.703	0.294	--	2.48	1.04	--		1.471
1,1,1-Trichloroethane	ND	0.294	--	ND	1.60	--		1.471
Benzene	ND	0.294	--	ND	0.939	--		1.471
Carbon tetrachloride	ND	0.294	--	ND	1.85	--		1.471
Cyclohexane	0.563	0.294	--	1.94	1.01	--		1.471
1,2-Dichloropropane	ND	0.294	--	ND	1.36	--		1.471
Bromodichloromethane	ND	0.294	--	ND	1.97	--		1.471
Xylenes, Total	4.75	0.294	--	20.6	1.28	--		1.471
1,4-Dioxane	ND	0.294	--	ND	1.06	--		1.471
Trichloroethene	ND	0.294	--	ND	1.58	--		1.471
2,2,4-Trimethylpentane	ND	0.294	--	ND	1.37	--		1.471
Heptane	0.697	0.294	--	2.86	1.20	--		1.471
cis-1,3-Dichloropropene	ND	0.294	--	ND	1.33	--		1.471
4-Methyl-2-pentanone	ND	0.735	--	ND	3.01	--		1.471
trans-1,3-Dichloropropene	ND	0.294	--	ND	1.33	--		1.471
1,1,2-Trichloroethane	ND	0.294	--	ND	1.60	--		1.471
Toluene	2.73	0.294	--	10.3	1.11	--		1.471
2-Hexanone	8.92	0.294	--	36.6	1.20	--		1.471
Dibromochloromethane	ND	0.294	--	ND	2.50	--		1.471
1,2-Dibromoethane	ND	0.294	--	ND	2.26	--		1.471
Tetrachloroethene	ND	0.294	--	ND	1.99	--		1.471
Chlorobenzene	ND	0.294	--	ND	1.35	--		1.471



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-13 D
 Client ID: 042_LSV-4B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:24
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	0.926	0.294	--	4.02	1.28	--		1.471
p/m-Xylene	3.11	0.588	--	13.5	2.55	--		1.471
Bromoform	ND	0.294	--	ND	3.04	--		1.471
Styrene	ND	0.294	--	ND	1.25	--		1.471
1,1,2,2-Tetrachloroethane	ND	0.294	--	ND	2.02	--		1.471
o-Xylene	1.64	0.294	--	7.12	1.28	--		1.471
4-Ethyltoluene	0.679	0.294	--	3.34	1.45	--		1.471
1,3,5-Trimethylbenzene	0.798	0.294	--	3.92	1.45	--		1.471
1,2,4-Trimethylbenzene	2.70	0.294	--	13.3	1.45	--		1.471
Benzyl chloride	ND	0.294	--	ND	1.52	--		1.471
1,3-Dichlorobenzene	ND	0.294	--	ND	1.77	--		1.471
1,4-Dichlorobenzene	ND	0.294	--	ND	1.77	--		1.471
1,2-Dichlorobenzene	ND	0.294	--	ND	1.77	--		1.471
1,2,4-Trichlorobenzene	ND	0.294	--	ND	2.18	--		1.471
Hexachlorobutadiene	ND	0.294	--	ND	3.14	--		1.471

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-14
 Client ID: 043_LSV-2A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:06
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/11/21 01:17
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.456	0.200	--	2.25	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.58	1.00	--	3.75	2.38	--		1
Trichlorofluoromethane	0.208	0.200	--	1.17	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.396	0.200	--	1.23	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	10.7	0.500	--	31.6	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-14
 Client ID: 043_LSV-2A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:06
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Xylenes, Total	0.983	0.200	--	4.27	0.869	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	0.935	0.200	--	3.83	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET**Lab Number:** L2123062**Project Number:** 100842301**Report Date:** 05/11/21**SAMPLE RESULTS**

Lab ID: L2123062-14
 Client ID: 043_LSV-2A
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:06
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.605	0.400	--	2.63	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.378	0.200	--	1.64	0.869	--		1
4-Ethyltoluene	0.388	0.200	--	1.91	0.983	--		1
1,3,5-Trimethylbenzene	0.451	0.200	--	2.22	0.983	--		1
1,2,4-Trimethylbenzene	1.83	0.200	--	9.00	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	84		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-15
 Client ID: 044_LSV-2B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:05
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/11/21 01:56
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.450	0.200	--	2.23	0.989	--		1
Chloromethane	0.252	0.200	--	0.520	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.290	0.200	--	0.642	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.30	1.00	--	5.46	2.38	--		1
Trichlorofluoromethane	0.204	0.200	--	1.15	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	3.29	0.200	--	10.2	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	12.2	0.500	--	36.0	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-15
 Client ID: 044_LSV-2B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:05
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.24	0.500	--	3.66	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.275	0.200	--	0.969	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.418	0.200	--	1.34	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
Xylenes, Total	4.20	0.200	--	18.2	0.869	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.313	0.200	--	1.46	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.48	0.200	--	5.58	0.754	--		1
2-Hexanone	2.48	0.200	--	10.2	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.240	0.200	--	1.63	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-15
 Client ID: 044_LSV-2B
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:05
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	0.728	0.200	--	3.16	0.869	--		1
p/m-Xylene	2.80	0.400	--	12.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.40	0.200	--	6.08	0.869	--		1
4-Ethyltoluene	0.615	0.200	--	3.02	0.983	--		1
1,3,5-Trimethylbenzene	0.593	0.200	--	2.92	0.983	--		1
1,2,4-Trimethylbenzene	2.15	0.200	--	10.6	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-16
 Client ID: 045_LSV-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:03
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/11/21 02:35
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.468	0.200	--	2.31	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.35	1.00	--	3.21	2.38	--		1
Trichlorofluoromethane	0.210	0.200	--	1.18	1.12	--		1
Isopropanol	0.779	0.500	--	1.91	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.81	0.200	--	5.64	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.31	0.500	--	12.7	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-16
 Client ID: 045_LSV-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:03
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.01	0.200	--	4.93	0.977	--		1
Tetrahydrofuran	7.22	0.500	--	21.3	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
Xylenes, Total	1.24	0.200	--	5.39	0.869	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.227	0.200	--	1.22	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.279	0.200	--	1.05	0.754	--		1
2-Hexanone	0.600	0.200	--	2.46	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.369	0.200	--	2.50	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET**Lab Number:** L2123062**Project Number:** 100842301**Report Date:** 05/11/21**SAMPLE RESULTS**

Lab ID: L2123062-16
 Client ID: 045_LSV-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:03
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.815	0.400	--	3.54	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.430	0.200	--	1.87	0.869	--		1
4-Ethyltoluene	0.233	0.200	--	1.15	0.983	--		1
1,3,5-Trimethylbenzene	0.270	0.200	--	1.33	0.983	--		1
1,2,4-Trimethylbenzene	0.913	0.200	--	4.49	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	83		60-140



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-17
 Client ID: 046_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:03
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/11/21 03:14
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.457	0.200	--	2.26	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.02	1.00	--	2.42	2.38	--		1
Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--		1
Isopropanol	0.714	0.500	--	1.76	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.11	0.200	--	6.57	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.34	0.500	--	12.8	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-17
 Client ID: 046_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:03
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.08	0.200	--	5.27	0.977	--		1
Tetrahydrofuran	7.17	0.500	--	21.1	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
Xylenes, Total	1.37	0.200	--	5.95	0.869	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.230	0.200	--	1.24	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.269	0.200	--	1.01	0.754	--		1
2-Hexanone	0.689	0.200	--	2.82	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.421	0.200	--	2.85	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

SAMPLE RESULTS

Lab ID: L2123062-17
 Client ID: 046_DUP-1
 Sample Location: BROOKLYN, NY

Date Collected: 05/04/21 11:03
 Date Received: 05/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethylbenzene	0.206	0.200	--	0.895	0.869	--		1
p/m-Xylene	0.881	0.400	--	3.83	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.486	0.200	--	2.11	0.869	--		1
4-Ethyltoluene	0.301	0.200	--	1.48	0.983	--		1
1,3,5-Trimethylbenzene	0.352	0.200	--	1.73	0.983	--		1
1,2,4-Trimethylbenzene	1.22	0.200	--	6.00	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	81		60-140



Project Name: 130 ST FELIX STREET

Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/10/21 14:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-17 Batch: WG1496856-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: 130 ST FELIX STREET

Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/10/21 14:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-17 Batch: WG1496856-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 130 ST FELIX STREET

Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/10/21 14:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-17 Batch: WG1496856-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-17 Batch: WG1496856-3								
Dichlorodifluoromethane	111		-		70-130	-		
Chloromethane	106		-		70-130	-		
Freon-114	105		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	104		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethanol	101		-		40-160	-		
Vinyl bromide	91		-		70-130	-		
Acetone	72		-		40-160	-		
Trichlorofluoromethane	105		-		70-130	-		
Isopropanol	74		-		40-160	-		
1,1-Dichloroethene	99		-		70-130	-		
Tertiary butyl Alcohol	90		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	101		-		70-130	-		
Carbon disulfide	87		-		70-130	-		
Freon-113	95		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	96		-		70-130	-		
Methyl tert butyl ether	102		-		70-130	-		
2-Butanone	105		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-17 Batch: WG1496856-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	103		-		70-130	-		
Tetrahydrofuran	105		-		70-130	-		
1,2-Dichloroethane	114		-		70-130	-		
n-Hexane	97		-		70-130	-		
1,1,1-Trichloroethane	122		-		70-130	-		
Benzene	99		-		70-130	-		
Carbon tetrachloride	122		-		70-130	-		
Cyclohexane	100		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	116		-		70-130	-		
1,4-Dioxane	104		-		70-130	-		
Trichloroethene	103		-		70-130	-		
2,2,4-Trimethylpentane	107		-		70-130	-		
Heptane	115		-		70-130	-		
cis-1,3-Dichloropropene	120		-		70-130	-		
4-Methyl-2-pentanone	120		-		70-130	-		
trans-1,3-Dichloropropene	110		-		70-130	-		
1,1,2-Trichloroethane	110		-		70-130	-		
Toluene	87		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-17 Batch: WG1496856-3								
Tetrachloroethene	83		-		70-130	-		
Chlorobenzene	87		-		70-130	-		
Ethylbenzene	94		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	101		-		70-130	-		
Styrene	92		-		70-130	-		
1,1,2,2-Tetrachloroethane	93		-		70-130	-		
o-Xylene	94		-		70-130	-		
4-Ethyltoluene	95		-		70-130	-		
1,3,5-Trimethylbenzene	89		-		70-130	-		
1,2,4-Trimethylbenzene	93		-		70-130	-		
Benzyl chloride	90		-		70-130	-		
1,3-Dichlorobenzene	87		-		70-130	-		
1,4-Dichlorobenzene	87		-		70-130	-		
1,2-Dichlorobenzene	87		-		70-130	-		
1,2,4-Trichlorobenzene	71		-		70-130	-		
Hexachlorobutadiene	83		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1496856-5 QC Sample: L2123062-12 Client ID: 041_LSV-4A						
Dichlorodifluoromethane	0.456	0.468	ppbV	3		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	3.86	3.86	ppbV	0		25
Trichlorofluoromethane	0.226	0.237	ppbV	5		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.428	0.446	ppbV	4		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1496856-5 QC Sample: L2123062-12 Client ID: 041_LSV-4A						
2-Butanone	55.9	57.2	ppbV	2		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	1.83	1.90	ppbV	4		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.404	0.396	ppbV	2		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
Xylenes, Total	6.05	6.26	ppbV	3		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.465	0.468	ppbV	1		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1496856-5 QC Sample: L2123062-12 Client ID: 041_LSV-4A						
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	1.65	1.65	ppbV	0		25
2-Hexanone	10.7	11.4	ppbV	6		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.494	0.511	ppbV	3		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.945	0.965	ppbV	2		25
p/m-Xylene	4.02	4.16	ppbV	3		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	2.02	2.10	ppbV	4		25
4-Ethyltoluene	1.27	1.26	ppbV	1		25
1,3,5-Trimethylbenzene	1.35	1.37	ppbV	1		25
1,2,4-Trimethylbenzene	5.07	5.11	ppbV	1		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST FELIX STREET

Project Number: 100842301

Lab Number: L2123062

Report Date: 05/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1496856-5 QC Sample: L2123062-12 Client ID: 041_LSV-4A						
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: 130 ST FELIX STREET

Serial_No:05112114:59
Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2123062-01	030_AMBIENT-1	01047	Flow 4	05/03/21	350702		-	-	-	Pass	10.0	9.5	5
L2123062-01	030_AMBIENT-1	1538	6.0L Can	05/03/21	350702	L2117928-10	Pass	-29.0	-4.1	-	-	-	-
L2123062-02	031_LSV-6A	0623	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	41.3	3
L2123062-02	031_LSV-6A	2560	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.3	-2.3	-	-	-	-
L2123062-03	032_LSV-6B	01396	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	39.4	2
L2123062-03	032_LSV-6B	970	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.3	-4.6	-	-	-	-
L2123062-04	033_LSV-5A	01016	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	40.0	0
L2123062-04	033_LSV-5A	3299	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.5	-2.5	-	-	-	-
L2123062-05	034_LSV-5B	0770	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	40.1	0
L2123062-05	034_LSV-5B	2934	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.3	-2.8	-	-	-	-
L2123062-06	035_LSV-3A	0109	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	40.4	1
L2123062-06	035_LSV-3A	2812	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.2	-4.7	-	-	-	-
L2123062-07	036_LSV-3B	01947	Flow 1	05/04/21	350952		-	-	-	Pass	40.0	39.8	1
L2123062-07	036_LSV-3B	2121	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.2	-1.7	-	-	-	-
L2123062-08	037_LSV-7A	01794	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	61	42



Project Name: 130 ST FELIX STREET

Serial_No:05112114:59
Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2123062-08	037_LSV-7A	1703	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.4	-4.9	-	-	-	-
L2123062-09	038_LSV-7B	01132	Flow 1	05/04/21	350952		-	-	-	Pass	40.0	41.0	2
L2123062-09	038_LSV-7B	3333	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.3	-2.4	-	-	-	-
L2123062-10	039_LSV-8A	01921	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	41.3	3
L2123062-10	039_LSV-8A	2486	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.4	-1.6	-	-	-	-
L2123062-11	040_LSV-8B	01556	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	41.1	3
L2123062-11	040_LSV-8B	782	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.3	-2.5	-	-	-	-
L2123062-12	041_LSV-4A	0556	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	41.7	4
L2123062-12	041_LSV-4A	1532	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.4	-2.2	-	-	-	-
L2123062-13	042_LSV-4B	0387	Flow 3	05/04/21	350952		-	-	-	Pass	38.8	38.4	1
L2123062-13	042_LSV-4B	739	6.0L Can	05/04/21	350952	L2120459-09	Pass	-29.3	-4.8	-	-	-	-
L2123062-14	043_LSV-2A	01528	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	43.2	8
L2123062-14	043_LSV-2A	2603	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.3	-3.4	-	-	-	-
L2123062-15	044_LSV-2B	02101	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	43.5	8
L2123062-15	044_LSV-2B	3131	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.4	-3.0	-	-	-	-



Project Name: 130 ST FELIX STREET

Serial_No:05112114:59
Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2123062-16	045_LSV-1	01453	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	41.1	3
L2123062-16	045_LSV-1	3394	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.4	-3.7	-	-	-	-
L2123062-17	046_DUP-1	0929	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	40.6	1
L2123062-17	046_DUP-1	2103	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.5	-3.4	-	-	-	-
L2123062-18	UNUSED_CAN#1854	01497	Flow 2	05/04/21	350952		-	-	-	Pass	40.0	38.8	3
L2123062-18	UNUSED_CAN#1854	1854	6.0L Can	05/03/21	350702	L2117928-10	Pass	-29.1	-13.5	-	-	-	-
L2123062-19	UNUSED_CAN#2969	0250	Flow 5	05/03/21	350702		-	-	-	Pass	10.0	10.3	3
L2123062-19	UNUSED_CAN#2969	2969	6.0L Can	05/04/21	350952	L2119412-05	Pass	-29.3	-26.5	-	-	-	-
L2123062-20	UNUSED_CAN#154	01697	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	17.6	2
L2123062-20	UNUSED_CAN#154	154	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.0	-	-	-	-
L2123062-21	UNUSED_CAN#3186	02091	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	17.9	1
L2123062-21	UNUSED_CAN#3186	3186	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.1	-	-	-	-
L2123062-22	UNUSED_CAN#2224	0045	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	17.9	1
L2123062-22	UNUSED_CAN#2224	2224	2.7L Can	05/03/21	350702	L2120738-02	Pass	-28.8	-28.4	-	-	-	-
L2123062-23	UNUSED_CAN#2733	01581	Flow 4	05/03/21	350702		-	-	-	Pass	18.0	18.3	2



Project Name: 130 ST FELIX STREET

Serial_No:05112114:59
Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2123062-23	UNUSED_CAN#2733	2733	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-28.8	-	-	-	-
L2123062-24	UNUSED_CAN#223	01510	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	17.9	1
L2123062-24	UNUSED_CAN#223	223	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-28.6	-	-	-	-
L2123062-25	UNUSED_CAN#103	01034	Flow 4	05/03/21	350702		-	-	-	Pass	18.0	18.0	0
L2123062-25	UNUSED_CAN#103	103	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.1	-29.3	-	-	-	-
L2123062-26	UNUSED_CAN#504	0694	Flow 4	05/03/21	350702		-	-	-	Pass	18.0	17.9	1
L2123062-26	UNUSED_CAN#504	504	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.2	-	-	-	-
L2123062-27	UNUSED_CAN#389	01793	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	18.1	1
L2123062-27	UNUSED_CAN#389	389	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.2	-	-	-	-
L2123062-28	UNUSED_CAN#2600	02100	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	18.1	1
L2123062-28	UNUSED_CAN#2600	2600	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.5	-	-	-	-
L2123062-29	UNUSED_CAN#2874	01781	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	17.8	1
L2123062-29	UNUSED_CAN#2874	2874	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.4	-	-	-	-
L2123062-30	UNUSED_CAN#3233	01806	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	17.8	1
L2123062-30	UNUSED_CAN#3233	3233	2.7L Can	05/03/21	350702	L2120738-02	Pass	-29.0	-29.2	-	-	-	-



Project Name: 130 ST FELIX STREET

Serial_No:05112114:59
Lab Number: L2123062

Project Number: 100842301

Report Date: 05/11/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2123062-31	UNUSED_CAN#2517	01548	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	18.4	2
L2123062-31	UNUSED_CAN#2517	2517	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.3	-	-	-	-
L2123062-32	UNUSED_CAN#556	01080	Flow 2	05/03/21	350702		-	-	-	Pass	18.0	18.5	3
L2123062-32	UNUSED_CAN#556	556	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.3	-	-	-	-
L2123062-33	UNUSED_CAN#534	0215	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	18.3	2
L2123062-33	UNUSED_CAN#534	534	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.1	-29.3	-	-	-	-
L2123062-34	UNUSED_CAN#3201	02098	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	18.1	1
L2123062-34	UNUSED_CAN#3201	3201	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.1	-	-	-	-
L2123062-35	UNUSED_CAN#2432	01822	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	18.0	0
L2123062-35	UNUSED_CAN#2432	2432	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.2	-	-	-	-
L2123062-36	UNUSED_CAN#2598	01951	Flow 3	05/03/21	350702		-	-	-	Pass	18.0	18.1	1
L2123062-36	UNUSED_CAN#2598	2598	2.7L Can	05/03/21	350702	L2119743-01	Pass	-29.0	-29.3	-	-	-	-



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
Client ID: CAN 1988 SHELF 54
Sample Location:

Date Collected: 04/09/21 09:00
Date Received: 04/09/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/09/21 22:27
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
 Client ID: CAN 1988 SHELF 54
 Sample Location:

Date Collected: 04/09/21 09:00
 Date Received: 04/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
 Client ID: CAN 1988 SHELF 54
 Sample Location:

Date Collected: 04/09/21 09:00
 Date Received: 04/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
 Client ID: CAN 1988 SHELF 54
 Sample Location:

Date Collected: 04/09/21 09:00
 Date Received: 04/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
 Client ID: CAN 1988 SHELF 54
 Sample Location:

Date Collected: 04/09/21 09:00
 Date Received: 04/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	93		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
 Client ID: CAN 1988 SHELF 54
 Sample Location:

Date Collected: 04/09/21 09:00
 Date Received: 04/09/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/09/21 22:27
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
 Client ID: CAN 1988 SHELF 54
 Sample Location:

Date Collected: 04/09/21 09:00
 Date Received: 04/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2117928
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2117928-10
 Client ID: CAN 1988 SHELF 54
 Sample Location:

Date Collected: 04/09/21 09:00
 Date Received: 04/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	91		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/16/21 21:48
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	87		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/16/21 21:48
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119412
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119412-05
 Client ID: CAN 2927 SHELF 56
 Sample Location:

Date Collected: 04/15/21 16:00
 Date Received: 04/16/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	87		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/19/21 16:55
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/19/21 16:55
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2119743
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2119743-01
 Client ID: CAN 1768 SHELF 20
 Sample Location:

Date Collected: 04/17/21 16:00
 Date Received: 04/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/24/21 02:24
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/24/21 02:24
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120459
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120459-09
 Client ID: CAN 1889 SHELF 55
 Sample Location:

Date Collected: 04/22/21 09:00
 Date Received: 04/22/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/23/21 23:41
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	90		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/23/21 23:41
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2120738
Report Date: 05/11/21

Air Canister Certification Results

Lab ID: L2120738-02
 Client ID: CAN 1750 SHELF 21
 Sample Location:

Date Collected: 04/22/21 16:00
 Date Received: 04/23/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140



Project Name: 130 ST FELIX STREET**Lab Number:** L2123062**Project Number:** 100842301**Report Date:** 05/11/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2123062-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-08A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-09A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-10A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-11A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-12A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-13A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-14A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-15A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-16A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-17A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2123062-18A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-19A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-20A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-21A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-22A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-23A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()

Project Name: 130 ST FELIX STREET**Lab Number:** L2123062**Project Number:** 100842301**Report Date:** 05/11/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2123062-24A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-25A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-26A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-27A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-28A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-29A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-30A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-31A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-32A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-33A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-34A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-35A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2123062-36A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()

Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

Data Qualifiers

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.

Project Name: 130 ST FELIX STREET
Project Number: 100842301

Lab Number: L2123062
Report Date: 05/11/21

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, 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, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

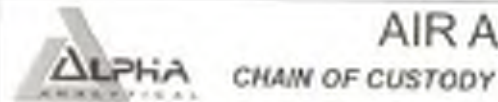
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



AIR ANALYSIS

PAGE 1 OF 2

320 Forbes Blvd. Marafeld, MA 02043
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information
 Client: Langan
 Address: 300 Kimball Dr.
Parsippany, NJ
 Phone: 973-560-4900
 Fax: 973-560-9901
 Email: breiner@langan.com

Project Information
 Project Name: 130 St. Felix Street
 Project Location: Brooklyn, NY
 Project #: 100842301
 Project Manager: Ben Rao
 ALPHA Quote #:
Turn-Around Time
 Standard RUSH (only confirmed by e-mail)
 Date Due: _____ Time: _____

Date Rec'd in Lab: 5/15/21 ALPHA Job #: L2123062

Report Information - Data Deliverables
 FAX
 ADEx
 Criteria Checker:
(Default based on Regulatory Criteria Indicated)
 Other Formats:
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report to: (if other than Project Manager)

Billing Information
 Same as Client Info PO #:
Regulatory Requirements/Report Limits
 State/Fed _____ Program _____ Res / Comm _____

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 Project-Specific Target Compound List:

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION		Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SM	APV	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date - Start Time	End Time													
23062-01	030 - Ambient-1	5/4/21 6:45	1500	-30.0	-4.4	AA	mm	6L	1538	1047	Y					
02	031 - LSV-6A	5/4/21 9:16	11:18	-30.0	-5.5	SV	MM	6L	2560	623	Y					
03	032 - LSV-6B	5/4/21 9:15	11:25	-29.32	-3.4	SV	MM	6L	970	1396	Y					
04	033 - LSV-5A	5/4/21 9:13	11:26	-29.66	-3	SV	MM	6L	3249	1016	Y					
05	034 - LSV-5B	5/4/21 9:14	11:25	-29.64	-2	SV	MM	6L	2934	770	Y					
06	035 - LSV-3A	5/4/21 9:12	1200	-29.80	-3.5	SV	MM	6L	2812	109	Y					
07	036 - LSV-3B	5/4/21 9:11	11:22	-29.54	-4.3	SV	MM	6L	2121	1947	Y					
08	037 - LSV-7A	5/4/21 9:10	10:50	-29.56	-4	SV	MM	6L	1763	1794	Y					
09	038 - LSV-7B	5/4/21 9:09	11:14	-30.0	-2.5	SV	mm	6L	3333	1132	Y					
10	039 - LSV-8A	5/4/21 9:08	11:17	-29.60	-2	SV	mm	6L	2480	1921	Y					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
 SV = Sol Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Relinquished By: [Signature] / Langan Date/Time: 5/4/21 16:30
 Received By: [Signature] Date/Time: 5/15/21 03:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

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

Client Information

Client: Langan
 Address: 300 Kimball Dr
Parsippany, NJ
 Phone: 973-560-4900
 Fax: 973-560-4901
 Email: breiner@langan.com

Project Information

Project Name: 130 St. Felix Street
 Project Location: Brooklyn, NY
 Project #: 10084230
 Project Manager: Ben Kao
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (pre-ordered turn-around)

Date Due: _____ Time: _____

Date Rec'd in Lab: S15121

ALPHA Job #: L2123062

Report Information - Data Deliverables

FAX Same as Client info
 ADEx
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats:
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report ID: (if other than Project Manager)

Billing Information

PO #:

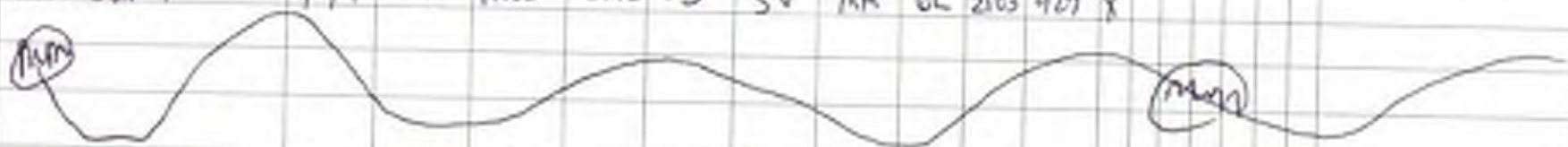
Regulatory Requirements/Report Limits

State/Fed	Program	Met / Com

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION		Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID Flow Counter	TO-15	TO-15 SM	APV	APV	Flow Station	Audits & Inspections by TO-15	Sample Comments (i.e. PID)	
		Field Date	Start Time															End Time
11	040-LSV-BB	5/4/21	9:07	11:17	-30.0	-2	SV	MM	6L	782	1556	X						
12	041-LSV-4A	5/4/21	9:05	11:13	-29.91	-3.5	SV	MM	6L	1532	556	X						
13	042-LSV-4B	5/4/21	9:06	11:24	-29.78	-3.5	SV	MM	6L	739	387	X						
14	043-LSV-2A	5/4/21	9:03	11:06	-29.69	-3.2	SV	MM	6L	2603	1528	X						
15	044-LSV-2B	5/4/21	9:04	11:05	-29.60	-3.3	SV	MM	6L	3131	2101	X						
16	045-LSV-1	5/4/21	9:00	11:05	-29.94	-3	SV	MM	6L	3994	1453	X						
17	046-DUP-1	5/4/21	9:00	11:05	-29.12	-3	SV	MM	6L	2103	927	X						



***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Relinquished By: [Signature] / Langan Date/Time: 5/4/21 11:30
 Received By: [Signature] Date/Time: 5/4/21 16:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L1511932
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Joe Good
Phone:	(212) 479-5448
Project Name:	130 ST. FELIX STREET
Project Number:	170366001
Report Date:	06/01/15

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), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1511932-01	EB07_10-12	SOIL	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 14:40	05/30/15
L1511932-02	EB09_4.5-5.5	SOIL	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 13:25	05/30/15
L1511932-03	EB10_1-2	SOIL	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 10:35	05/30/15
L1511932-04	EB12_7-9	SOIL	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 12:40	05/30/15
L1511932-05	EB13_7-9	SOIL	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 12:00	05/30/15
L1511932-06	DUP01_053015	SOIL	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 00:00	05/30/15
L1511932-07	MW11_053015	WATER	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 16:35	05/30/15
L1511932-08	GWDUP01_053015	WATER	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 00:00	05/30/15
L1511932-09	DRUM_053015	SOIL	130 ST. FELIX STREET, BROOKLYN NY	05/30/15 15:50	05/30/15

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

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.

Volatile Organics

The surrogate recovery for L1511932-01 is below the acceptance criteria for 1,2-dichloroethane-d4 (63%), due to a known matrix effect caused by the high pH of the sample (>10).

L1511932-02: The internal standard (IS) response(s) for 1,4-dichlorobenzene-d4 (34%) was below the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (38%). The results of both analyses are reported.

Semivolatile Organics

L1511932-03 has elevated detection limits due to the dilution required by the sample matrix.

L1511932-04: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Metals

L1511932-01 through -06 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG789474-4 MS recovery, performed on L1511932-01, is outside the acceptance criteria for mercury (126%). A post digestion spike was performed and was within acceptance criteria.

The WG789581-4 MS recoveries for aluminum (150%), iron (0%), and manganese (20%), performed on L1511932-01, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG789581-4 MS recoveries, performed on L1511932-01, are outside the acceptance criteria for calcium (70%), chromium (70%), magnesium (70%), nickel (72%), thallium (66%), and zinc (72%). A post digestion

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Case Narrative (continued)

spike was performed and yielded unacceptable recoveries for calcium (69%), chromium (74%), magnesium (79%), nickel (71%), thallium (65%), and zinc (73%). This has been attributed to sample matrix.

The WG789724-4 MS recoveries for calcium (61%) and sodium (64%), performed on L1511932-07, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG789724-4 MS recoveries, performed on L1511932-07, are outside the acceptance criteria for iron (0%) and magnesium (13%). A post digestion spike was performed and was within acceptance criteria.

The WG789724-4 MS recovery, performed on L1511932-07, is outside the acceptance criteria for silver (67%). A post digestion spike was performed and yielded an unacceptable recovery of 72%. This has been attributed to sample matrix.

The WG789724-3 Laboratory Duplicate RPDs, performed on L1511932-07, are outside the acceptance criteria for arsenic (25%), chromium (51%), cobalt (43%), iron (29%), lead (24%), and nickel (53%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Dissolved Metals

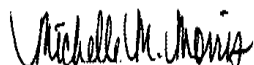
The WG789582-1 Method Blank, associated with L1511932-07 and -08, has a concentration above the reporting limit for Silver. Since the samples were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG789582-4 MS recoveries for calcium (0%) and sodium (0%), performed on L1511932-07, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG789582-4 MS recovery, performed on L1511932-07, is outside the acceptance criteria for silver (58%). A post digestion spike was performed and was within 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:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 06/01/15

ORGANICS

VOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
Client ID: EB07_10-12
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/01/15 10:20
Analyst: BN
Percent Solids: 77%

Date Collected: 05/30/15 14:40
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.08	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.98	0.14	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.11	1
Bromodichloromethane	ND		ug/kg	0.98	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.98	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.14	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.10	1
Benzene	ND		ug/kg	0.98	0.12	1
Toluene	0.25	J	ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.98	0.12	1
Chloromethane	ND		ug/kg	4.9	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.11	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.98	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.15	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01

Date Collected: 05/30/15 14:40

Client ID: EB07_10-12

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	0.24	J	ug/kg	2.0	0.19	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylenes, Total	0.24	J	ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.14	1
Dibromomethane	ND		ug/kg	9.8	0.16	1
Styrene	ND		ug/kg	2.0	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.19	1
Acetone	5.6	J	ug/kg	9.8	1.0	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.27	1
Vinyl acetate	ND		ug/kg	9.8	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.8	0.16	1
2-Hexanone	ND		ug/kg	9.8	0.65	1
Bromochloromethane	ND		ug/kg	4.9	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.20	1
n-Butylbenzene	ND		ug/kg	0.98	0.11	1
sec-Butylbenzene	ND		ug/kg	0.98	0.12	1
tert-Butylbenzene	ND		ug/kg	4.9	0.13	1
o-Chlorotoluene	ND		ug/kg	4.9	0.16	1
p-Chlorotoluene	ND		ug/kg	4.9	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.22	1
Isopropylbenzene	ND		ug/kg	0.98	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.12	1
Naphthalene	ND		ug/kg	4.9	0.14	1
Acrylonitrile	ND		ug/kg	9.8	0.50	1
n-Propylbenzene	ND		ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.14	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
 Client ID: EB07_10-12
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 14:40
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.14	1
1,4-Dioxane	ND		ug/kg	98	14.	1
p-Diethylbenzene	ND		ug/kg	3.9	0.16	1
p-Ethyltoluene	ND		ug/kg	3.9	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	ND		ug/kg	4.9	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	63	Q	70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	86		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02
Client ID: EB09_4.5-5.5
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/01/15 11:18
Analyst: BN
Percent Solids: 70%

Date Collected: 05/30/15 13:25
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.60	1
Carbon tetrachloride	ND		ug/kg	1.6	0.34	1
1,2-Dichloropropane	ND		ug/kg	5.6	0.37	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.49	1
Tetrachloroethene	ND		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.56	1
Trichlorofluoromethane	ND		ug/kg	8.1	0.63	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.19	1
1,1-Dichloropropene	ND		ug/kg	8.1	0.23	1
Bromoform	ND		ug/kg	6.4	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	8.1	0.47	1
Bromomethane	ND		ug/kg	3.2	0.54	1
Vinyl chloride	ND		ug/kg	3.2	0.19	1
Chloroethane	ND		ug/kg	3.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	8.1	0.25	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02

Date Collected: 05/30/15 13:25

Client ID: EB09_4.5-5.5

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.1	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.1	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.14	1
p/m-Xylene	ND		ug/kg	3.2	0.32	1
o-Xylene	ND		ug/kg	3.2	0.28	1
Xylenes, Total	ND		ug/kg	3.2	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.23	1
Dibromomethane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.2	0.65	1
Dichlorodifluoromethane	ND		ug/kg	16	0.31	1
Acetone	ND		ug/kg	16	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.44	1
Vinyl acetate	ND		ug/kg	16	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.39	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.26	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.1	0.44	1
2,2-Dichloropropane	ND		ug/kg	8.1	0.36	1
1,2-Dibromoethane	ND		ug/kg	6.4	0.28	1
1,3-Dichloropropane	ND		ug/kg	8.1	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.51	1
Bromobenzene	ND		ug/kg	8.1	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.20	1
tert-Butylbenzene	ND		ug/kg	8.1	0.22	1
o-Chlorotoluene	ND		ug/kg	8.1	0.26	1
p-Chlorotoluene	ND		ug/kg	8.1	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.1	0.64	1
Hexachlorobutadiene	ND		ug/kg	8.1	0.37	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	4.3	J	ug/kg	8.1	0.22	1
Acrylonitrile	ND		ug/kg	16	0.83	1
n-Propylbenzene	ND		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.1	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.1	0.23	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02
 Client ID: EB09_4.5-5.5
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 13:25
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab

1,2,4-Trimethylbenzene	ND		ug/kg	8.1	0.23	1
1,4-Dioxane	ND		ug/kg	160	23.	1
p-Diethylbenzene	ND		ug/kg	6.4	0.26	1
p-Ethyltoluene	ND		ug/kg	6.4	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.4	0.21	1
Ethyl ether	ND		ug/kg	8.1	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.1	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02 R
 Client ID: EB09_4.5-5.5
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/01/15 12:08
 Analyst: BN
 Percent Solids: 70%

Date Collected: 05/30/15 13:25
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.61	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.17	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.9	0.22	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.9	0.46	1
Bromomethane	ND		ug/kg	3.2	0.53	1
Vinyl chloride	ND		ug/kg	3.2	0.18	1
Chloroethane	ND		ug/kg	3.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.33	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.24	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02 R

Date Collected: 05/30/15 13:25

Client ID: EB09_4.5-5.5

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.13	1
p/m-Xylene	ND		ug/kg	3.2	0.31	1
o-Xylene	ND		ug/kg	3.2	0.27	1
Xylenes, Total	ND		ug/kg	3.2	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.2	0.63	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	ND		ug/kg	16	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	0.43	1
Vinyl acetate	ND		ug/kg	16	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.26	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.9	0.44	1
2,2-Dichloropropane	ND		ug/kg	7.9	0.36	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.9	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.9	0.33	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.9	0.21	1
o-Chlorotoluene	ND		ug/kg	7.9	0.25	1
p-Chlorotoluene	ND		ug/kg	7.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.62	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.36	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	7.9	0.22	1
Acrylonitrile	ND		ug/kg	16	0.81	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.23	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02 R
 Client ID: EB09_4.5-5.5
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 13:25
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab

1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.22	1
1,4-Dioxane	ND		ug/kg	160	23.	1
p-Diethylbenzene	ND		ug/kg	6.3	0.25	1
p-Ethyltoluene	ND		ug/kg	6.3	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.3	0.20	1
Ethyl ether	ND		ug/kg	7.9	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	77		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03
Client ID: EB10_1-2
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/01/15 10:45
Analyst: BN
Percent Solids: 90%

Date Collected: 05/30/15 10:35
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.16	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.7	0.33	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.17	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03

Date Collected: 05/30/15 10:35

Client ID: EB10_1-2

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.22	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylenes, Total	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	ND		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
Vinyl acetate	ND		ug/kg	11	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.76	1
Bromochloromethane	ND		ug/kg	5.7	0.31	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.7	0.15	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.45	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.26	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.7	0.16	1
Acrylonitrile	ND		ug/kg	11	0.58	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03
 Client ID: EB10_1-2
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 10:35
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
p-Diethylbenzene	ND		ug/kg	4.5	0.18	1
p-Ethyltoluene	ND		ug/kg	4.5	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.44	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	95		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04 D
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/01/15 10:49
 Analyst: BN
 Percent Solids: 84%

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	2400	260	2
1,1-Dichloroethane	ND		ug/kg	360	20.	2
Chloroform	ND		ug/kg	360	88.	2
Carbon tetrachloride	ND		ug/kg	240	50.	2
1,2-Dichloropropane	ND		ug/kg	830	54.	2
Dibromochloromethane	ND		ug/kg	240	37.	2
1,1,2-Trichloroethane	ND		ug/kg	360	72.	2
Tetrachloroethene	ND		ug/kg	240	33.	2
Chlorobenzene	ND		ug/kg	240	83.	2
Trichlorofluoromethane	ND		ug/kg	1200	92.	2
1,2-Dichloroethane	ND		ug/kg	240	27.	2
1,1,1-Trichloroethane	ND		ug/kg	240	26.	2
Bromodichloromethane	ND		ug/kg	240	41.	2
trans-1,3-Dichloropropene	ND		ug/kg	240	29.	2
cis-1,3-Dichloropropene	ND		ug/kg	240	28.	2
1,3-Dichloropropene, Total	ND		ug/kg	240	28.	2
1,1-Dichloropropene	ND		ug/kg	1200	34.	2
Bromoform	ND		ug/kg	950	56.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	240	24.	2
Benzene	ND		ug/kg	240	28.	2
Toluene	ND		ug/kg	360	46.	2
Ethylbenzene	ND		ug/kg	240	30.	2
Chloromethane	ND		ug/kg	1200	70.	2
Bromomethane	ND		ug/kg	480	80.	2
Vinyl chloride	ND		ug/kg	480	28.	2
Chloroethane	ND		ug/kg	480	75.	2
1,1-Dichloroethene	ND		ug/kg	240	62.	2
trans-1,2-Dichloroethene	ND		ug/kg	360	50.	2
Trichloroethene	ND		ug/kg	240	30.	2
1,2-Dichlorobenzene	ND		ug/kg	1200	36.	2



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04 D

Date Collected: 05/30/15 12:40

Client ID: EB12_7-9

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1200	32.	2
1,4-Dichlorobenzene	ND		ug/kg	1200	33.	2
Methyl tert butyl ether	ND		ug/kg	480	20.	2
p/m-Xylene	300	J	ug/kg	480	47.	2
o-Xylene	240	J	ug/kg	480	41.	2
Xylenes, Total	540	J	ug/kg	480	41.	2
cis-1,2-Dichloroethene	ND		ug/kg	240	34.	2
1,2-Dichloroethene, Total	ND		ug/kg	240	34.	2
Dibromomethane	ND		ug/kg	2400	39.	2
Styrene	ND		ug/kg	480	96.	2
Dichlorodifluoromethane	ND		ug/kg	2400	45.	2
Acetone	ND		ug/kg	2400	250	2
Carbon disulfide	ND		ug/kg	2400	260	2
2-Butanone	ND		ug/kg	2400	65.	2
Vinyl acetate	ND		ug/kg	2400	32.	2
4-Methyl-2-pentanone	ND		ug/kg	2400	58.	2
1,2,3-Trichloropropane	ND		ug/kg	2400	39.	2
2-Hexanone	ND		ug/kg	2400	160	2
Bromochloromethane	ND		ug/kg	1200	66.	2
2,2-Dichloropropane	ND		ug/kg	1200	54.	2
1,2-Dibromoethane	ND		ug/kg	950	42.	2
1,3-Dichloropropane	ND		ug/kg	1200	35.	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	240	76.	2
Bromobenzene	ND		ug/kg	1200	50.	2
n-Butylbenzene	ND		ug/kg	240	27.	2
sec-Butylbenzene	ND		ug/kg	240	29.	2
tert-Butylbenzene	ND		ug/kg	1200	32.	2
o-Chlorotoluene	ND		ug/kg	1200	38.	2
p-Chlorotoluene	ND		ug/kg	1200	32.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	1200	94.	2
Hexachlorobutadiene	ND		ug/kg	1200	54.	2
Isopropylbenzene	ND		ug/kg	240	25.	2
p-Isopropyltoluene	ND		ug/kg	240	30.	2
Naphthalene	53000		ug/kg	1200	33.	2
Acrylonitrile	ND		ug/kg	2400	120	2
n-Propylbenzene	ND		ug/kg	240	26.	2
1,2,3-Trichlorobenzene	ND		ug/kg	1200	35.	2
1,2,4-Trichlorobenzene	ND		ug/kg	1200	43.	2
1,3,5-Trimethylbenzene	290	J	ug/kg	1200	34.	2



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04 D
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
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1,2,4-Trimethylbenzene	540	J	ug/kg	1200	34.	2
1,4-Dioxane	ND		ug/kg	24000	3400	2
p-Diethylbenzene	200	J	ug/kg	950	38.	2
p-Ethyltoluene	ND		ug/kg	950	30.	2
1,2,4,5-Tetramethylbenzene	81	J	ug/kg	950	31.	2
Ethyl ether	ND		ug/kg	1200	62.	2
trans-1,4-Dichloro-2-butene	ND		ug/kg	1200	93.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
Client ID: EB13_7-9
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/01/15 10:59
Analyst: BN
Percent Solids: 90%

Date Collected: 05/30/15 12:00
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.17	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05

Date Collected: 05/30/15 12:00

Client ID: EB13_7-9

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
Xylenes, Total	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.34	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.1	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.1	0.16	1
o-Chlorotoluene	ND		ug/kg	6.1	0.19	1
p-Chlorotoluene	ND		ug/kg	6.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.17	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
 Client ID: EB13_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 12:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.17	1
1,4-Dioxane	ND		ug/kg	120	18.	1
p-Diethylbenzene	ND		ug/kg	4.8	0.19	1
p-Ethyltoluene	ND		ug/kg	4.8	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.16	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
Client ID: DUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/01/15 11:26
Analyst: BN
Percent Solids: 75%

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.17	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.18	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06

Date Collected: 05/30/15 00:00

Client ID: DUP01_053015

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
Xylenes, Total	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.33	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.1	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.1	0.16	1
o-Chlorotoluene	ND		ug/kg	6.1	0.19	1
p-Chlorotoluene	ND		ug/kg	6.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.17	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
 Client ID: DUP01_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 00:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.17	1
1,4-Dioxane	ND		ug/kg	120	18.	1
p-Diethylbenzene	ND		ug/kg	4.8	0.19	1
p-Ethyltoluene	ND		ug/kg	4.8	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.16	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
Client ID: MW11_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/01/15 11:08
Analyst: PD

Date Collected: 05/30/15 16:35
Date Received: 05/30/15
Field Prep: Not Specified

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	15		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	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.2		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	0.14	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	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07

Date Collected: 05/30/15 16:35

Client ID: MW11_053015

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
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



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
 Client ID: MW11_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 16:35
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	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	0.65	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
Client ID: GWDUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/01/15 11:36
Analyst: PD

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified

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	15		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	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.3		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	0.14	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	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08

Date Collected: 05/30/15 00:00

Client ID: GWDUP01_053015

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
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



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
 Client ID: GWDUP01_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 00:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	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	0.65	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/01/15 09:13
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05-06 Batch: WG789621-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/01/15 09:13
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05-06 Batch: WG789621-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/01/15 09:13
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05-06 Batch: WG789621-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Diisopropyl Ether	ND		ug/kg	4.0	0.14
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: 130 ST. FELIX STREET

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**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 06/01/15 09:13
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05-06 Batch: WG789621-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	93		70-130

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Lab Number: L1511932
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
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Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG789623-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.



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Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG789623-3					
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylenes, Total	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene, Total	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/01/15 09:05
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG789623-3					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Diisopropyl Ether	ND		ug/kg	200	7.0
Tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
Freon-113	ND		ug/kg	1000	14.
p-Diethylbenzene	ND		ug/kg	200	8.0
p-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8



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**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 06/01/15 09:05
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG789623-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	94		70-130

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/01/15 09:03
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG789624-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.35	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21



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Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG789624-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

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Analytical Method: 1,8260C
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 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG789624-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Diisopropyl Ether	ND		ug/kg	4.0	0.14
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

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Project Number: 170366001

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**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 06/01/15 09:03
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG789624-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	76		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	89		70-130

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Method Blank Analysis
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Analytical Method: 1,8260C
Analytical Date: 06/01/15 10:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG789639-3					
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
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
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	0.14
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	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70



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Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG789639-3					
Trichloroethene	ND		ug/l	0.50	0.18
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
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	0.90
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
Acrolein	ND		ug/l	5.0	0.63
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



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Analytical Method: 1,8260C
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Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG789639-3					
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
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
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
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	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 06/01/15 10:40
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG789639-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-06 Batch: WG789621-1 WG789621-2								
Methylene chloride	106		104		70-130	2		30
1,1-Dichloroethane	106		103		70-130	3		30
Chloroform	107		104		70-130	3		30
Carbon tetrachloride	105		98		70-130	7		30
1,2-Dichloropropane	107		104		70-130	3		30
Dibromochloromethane	91		90		70-130	1		30
2-Chloroethylvinyl ether	109		108		70-130	1		30
1,1,2-Trichloroethane	99		97		70-130	2		30
Tetrachloroethene	107		101		70-130	6		30
Chlorobenzene	106		103		70-130	3		30
Trichlorofluoromethane	127		116		70-139	9		30
1,2-Dichloroethane	94		94		70-130	0		30
1,1,1-Trichloroethane	108		102		70-130	6		30
Bromodichloromethane	104		102		70-130	2		30
trans-1,3-Dichloropropene	102		99		70-130	3		30
cis-1,3-Dichloropropene	111		110		70-130	1		30
1,1-Dichloropropene	119		112		70-130	6		30
Bromoform	89		87		70-130	2		30
1,1,2,2-Tetrachloroethane	88		86		70-130	2		30
Benzene	113		109		70-130	4		30
Toluene	106		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-06 Batch: WG789621-1 WG789621-2								
Ethylbenzene	111		106		70-130	5		30
Chloromethane	92		88		52-130	4		30
Bromomethane	134		130		57-147	3		30
Vinyl chloride	117		109		67-130	7		30
Chloroethane	145		138		50-151	5		30
1,1-Dichloroethene	118		109		65-135	8		30
trans-1,2-Dichloroethene	116		111		70-130	4		30
Trichloroethene	115		109		70-130	5		30
1,2-Dichlorobenzene	95		93		70-130	2		30
1,3-Dichlorobenzene	100		98		70-130	2		30
1,4-Dichlorobenzene	98		96		70-130	2		30
Methyl tert butyl ether	101		101		66-130	0		30
p/m-Xylene	114		109		70-130	4		30
o-Xylene	113		110		70-130	3		30
cis-1,2-Dichloroethene	114		112		70-130	2		30
Dibromomethane	104		103		70-130	1		30
Styrene	115		112		70-130	3		30
Dichlorodifluoromethane	107		96		30-146	11		30
Acetone	60		56		54-140	7		30
Carbon disulfide	102		98		59-130	4		30
2-Butanone	75		70		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-06 Batch: WG789621-1 WG789621-2								
Vinyl acetate	86		84		70-130	2		30
4-Methyl-2-pentanone	84		82		70-130	2		30
1,2,3-Trichloropropane	86		85		68-130	1		30
2-Hexanone	70		66	Q	70-130	6		30
Bromochloromethane	106		104		70-130	2		30
2,2-Dichloropropane	111		104		70-130	7		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	97		96		69-130	1		30
1,1,1,2-Tetrachloroethane	94		93		70-130	1		30
Bromobenzene	97		96		70-130	1		30
n-Butylbenzene	112		106		70-130	6		30
sec-Butylbenzene	111		105		70-130	6		30
tert-Butylbenzene	104		100		70-130	4		30
o-Chlorotoluene	106		82		70-130	26		30
p-Chlorotoluene	105		102		70-130	3		30
1,2-Dibromo-3-chloropropane	79		74		68-130	7		30
Hexachlorobutadiene	104		98		67-130	6		30
Isopropylbenzene	108		103		70-130	5		30
p-Isopropyltoluene	108		103		70-130	5		30
Naphthalene	83		82		70-130	1		30
Acrylonitrile	81		80		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-06 Batch: WG789621-1 WG789621-2								
Diisopropyl Ether	93		92		66-130	1		30
Tert-Butyl Alcohol	72		68	Q	70-130	6		30
n-Propylbenzene	109		104		70-130	5		30
1,2,3-Trichlorobenzene	94		93		70-130	1		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
1,3,5-Trimethylbenzene	106		103		70-130	3		30
1,2,4-Trimethylbenzene	106		104		70-130	2		30
Methyl Acetate	71		70		51-146	1		30
Ethyl Acetate	77		72		70-130	7		30
Acrolein	86		82		70-130	5		30
Cyclohexane	107		97		59-142	10		30
1,4-Dioxane	85		84		65-136	1		30
Freon-113	111		102		50-139	8		30
p-Diethylbenzene	106		101		70-130	5		30
p-Ethyltoluene	108		103		70-130	5		30
1,2,4,5-Tetramethylbenzene	101		99		70-130	2		30
Tetrahydrofuran	74		75		66-130	1		30
Ethyl ether	110		108		67-130	2		30
trans-1,4-Dichloro-2-butene	78		76		70-130	3		30
Methyl cyclohexane	117		107		70-130	9		30
Ethyl-Tert-Butyl-Ether	100		100		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-06 Batch: WG789621-1 WG789621-2								
Tertiary-Amyl Methyl Ether	106		105		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		82		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	92		93		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG789623-1 WG789623-2								
Methylene chloride	104		102		70-130	2		30
1,1-Dichloroethane	109		107		70-130	2		30
Chloroform	108		108		70-130	0		30
Carbon tetrachloride	110		104		70-130	6		30
1,2-Dichloropropane	101		103		70-130	2		30
Dibromochloromethane	95		94		70-130	1		30
2-Chloroethylvinyl ether	83		87		70-130	5		30
1,1,2-Trichloroethane	100		101		70-130	1		30
Tetrachloroethene	104		100		70-130	4		30
Chlorobenzene	100		100		70-130	0		30
Trichlorofluoromethane	113		111		70-139	2		30
1,2-Dichloroethane	110		111		70-130	1		30
1,1,1-Trichloroethane	108		105		70-130	3		30
Bromodichloromethane	99		101		70-130	2		30
trans-1,3-Dichloropropene	98		97		70-130	1		30
cis-1,3-Dichloropropene	99		101		70-130	2		30
1,1-Dichloropropene	105		101		70-130	4		30
Bromoform	93		92		70-130	1		30
1,1,2,2-Tetrachloroethane	94		94		70-130	0		30
Benzene	104		103		70-130	1		30
Toluene	101		99		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG789623-1 WG789623-2								
Ethylbenzene	102		100		70-130	2		30
Chloromethane	104		99		52-130	5		30
Bromomethane	124		123		57-147	1		30
Vinyl chloride	103		97		67-130	6		30
Chloroethane	123		119		50-151	3		30
1,1-Dichloroethene	103		96		65-135	7		30
trans-1,2-Dichloroethene	105		101		70-130	4		30
Trichloroethene	106		104		70-130	2		30
1,2-Dichlorobenzene	100		101		70-130	1		30
1,3-Dichlorobenzene	104		104		70-130	0		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	100		101		66-130	1		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	100		100		70-130	0		30
cis-1,2-Dichloroethene	103		103		70-130	0		30
Dibromomethane	98		101		70-130	3		30
Styrene	100		100		70-130	0		30
Dichlorodifluoromethane	94		86		30-146	9		30
Acetone	110		109		54-140	1		30
Carbon disulfide	94		90		59-130	4		30
2-Butanone	100		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG789623-1 WG789623-2								
Vinyl acetate	90		91		70-130	1		30
4-Methyl-2-pentanone	80		85		70-130	6		30
1,2,3-Trichloropropane	98		97		68-130	1		30
2-Hexanone	76		76		70-130	0		30
Bromochloromethane	110		110		70-130	0		30
2,2-Dichloropropane	107		101		70-130	6		30
1,2-Dibromoethane	96		96		70-130	0		30
1,3-Dichloropropane	98		99		69-130	1		30
1,1,1,2-Tetrachloroethane	100		99		70-130	1		30
Bromobenzene	100		98		70-130	2		30
n-Butylbenzene	110		105		70-130	5		30
sec-Butylbenzene	103		99		70-130	4		30
tert-Butylbenzene	98		95		70-130	3		30
o-Chlorotoluene	105		102		70-130	3		30
p-Chlorotoluene	102		100		70-130	2		30
1,2-Dibromo-3-chloropropane	71		73		68-130	3		30
Hexachlorobutadiene	98		95		67-130	3		30
Isopropylbenzene	100		96		70-130	4		30
p-Isopropyltoluene	102		98		70-130	4		30
Naphthalene	84		87		70-130	4		30
Acrylonitrile	109		110		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG789623-1 WG789623-2								
Diisopropyl Ether	104		106		66-130	2		30
Tert-Butyl Alcohol	80		81		70-130	1		30
n-Propylbenzene	104		100		70-130	4		30
1,2,3-Trichlorobenzene	93		95		70-130	2		30
1,2,4-Trichlorobenzene	96		97		70-130	1		30
1,3,5-Trimethylbenzene	102		99		70-130	3		30
1,2,4-Trimethylbenzene	101		98		70-130	3		30
Methyl Acetate	106		106		51-146	0		30
Ethyl Acetate	98		102		70-130	4		30
Acrolein	86		81		70-130	6		30
Cyclohexane	110		101		59-142	9		30
1,4-Dioxane	95		98		65-136	3		30
Freon-113	117		104		50-139	12		30
p-Diethylbenzene	104		100		70-130	4		30
p-Ethyltoluene	105		102		70-130	3		30
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		30
Tetrahydrofuran	101		104		66-130	3		30
Ethyl ether	107		108		67-130	1		30
trans-1,4-Dichloro-2-butene	102		101		70-130	1		30
Methyl cyclohexane	106		98		70-130	8		30
Ethyl-Tert-Butyl-Ether	100		102		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG789623-1 WG789623-2								
Tertiary-Amyl Methyl Ether	91		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		105		70-130
Toluene-d8	96		94		70-130
4-Bromofluorobenzene	94		92		70-130
Dibromofluoromethane	101		101		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

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Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG789624-1 WG789624-2								
Methylene chloride	98		93		70-130	5		30
1,1-Dichloroethane	100		93		70-130	7		30
Chloroform	96		91		70-130	5		30
Carbon tetrachloride	104		96		70-130	8		30
1,2-Dichloropropane	97		94		70-130	3		30
Dibromochloromethane	87		88		70-130	1		30
2-Chloroethylvinyl ether	77		79		70-130	3		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	110		103		70-130	7		30
Chlorobenzene	102		100		70-130	2		30
Trichlorofluoromethane	98		86		70-139	13		30
1,2-Dichloroethane	77		76		70-130	1		30
1,1,1-Trichloroethane	101		93		70-130	8		30
Bromodichloromethane	87		86		70-130	1		30
trans-1,3-Dichloropropene	85		85		70-130	0		30
cis-1,3-Dichloropropene	94		93		70-130	1		30
1,1-Dichloropropene	110		99		70-130	11		30
Bromoform	90		89		70-130	1		30
1,1,2,2-Tetrachloroethane	85		85		70-130	0		30
Benzene	108		102		70-130	6		30
Toluene	105		101		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG789624-1 WG789624-2								
Ethylbenzene	105		100		70-130	5		30
Chloromethane	90		80		52-130	12		30
Bromomethane	98		88		57-147	11		30
Vinyl chloride	104		90		67-130	14		30
Chloroethane	107		97		50-151	10		30
1,1-Dichloroethene	120		104		65-135	14		30
trans-1,2-Dichloroethene	115		105		70-130	9		30
Trichloroethene	108		102		70-130	6		30
1,2-Dichlorobenzene	96		95		70-130	1		30
1,3-Dichlorobenzene	103		100		70-130	3		30
1,4-Dichlorobenzene	99		98		70-130	1		30
Methyl tert butyl ether	87		84		66-130	4		30
p/m-Xylene	111		106		70-130	5		30
o-Xylene	106		103		70-130	3		30
cis-1,2-Dichloroethene	109		103		70-130	6		30
Dibromomethane	87		87		70-130	0		30
Styrene	105		103		70-130	2		30
Dichlorodifluoromethane	81		69		30-146	16		30
Acetone	66		65		54-140	2		30
Carbon disulfide	82		69		59-130	17		30
2-Butanone	71		70		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG789624-1 WG789624-2								
Vinyl acetate	72		69	Q	70-130	4		30
4-Methyl-2-pentanone	71		71		70-130	0		30
1,2,3-Trichloropropane	80		79		68-130	1		30
2-Hexanone	66	Q	65	Q	70-130	2		30
Bromochloromethane	106		102		70-130	4		30
2,2-Dichloropropane	100		91		70-130	9		30
1,2-Dibromoethane	90		89		70-130	1		30
1,3-Dichloropropane	86		85		69-130	1		30
1,1,1,2-Tetrachloroethane	95		94		70-130	1		30
Bromobenzene	100		97		70-130	3		30
n-Butylbenzene	110		101		70-130	9		30
sec-Butylbenzene	112		104		70-130	7		30
tert-Butylbenzene	109		101		70-130	8		30
o-Chlorotoluene	100		95		70-130	5		30
p-Chlorotoluene	99		95		70-130	4		30
1,2-Dibromo-3-chloropropane	75		76		68-130	1		30
Hexachlorobutadiene	113		106		67-130	6		30
Isopropylbenzene	107		102		70-130	5		30
p-Isopropyltoluene	111		104		70-130	7		30
Naphthalene	86		85		70-130	1		30
Acrylonitrile	88		87		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG789624-1 WG789624-2								
Diisopropyl Ether	90		86		66-130	5		30
Tert-Butyl Alcohol	66	Q	64	Q	70-130	3		30
n-Propylbenzene	108		100		70-130	8		30
1,2,3-Trichlorobenzene	96		96		70-130	0		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	104		99		70-130	5		30
1,2,4-Trimethylbenzene	102		98		70-130	4		30
Methyl Acetate	82		79		51-146	4		30
Ethyl Acetate	84		80		70-130	5		30
Acrolein	77		76		70-130	1		30
Cyclohexane	122		108		59-142	12		30
1,4-Dioxane	78		79		65-136	1		30
Freon-113	123		107		50-139	14		30
p-Diethylbenzene	110		106		70-130	4		30
p-Ethyltoluene	110		106		70-130	4		30
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		30
Tetrahydrofuran	78		76		66-130	3		30
Ethyl ether	100		96		67-130	4		30
trans-1,4-Dichloro-2-butene	76		75		70-130	1		30
Methyl cyclohexane	126		111		70-130	13		30
Ethyl-Tert-Butyl-Ether	87		84		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG789624-1 WG789624-2								
Tertiary-Amyl Methyl Ether	87		86		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	74		74		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	94		93		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789639-1 WG789639-2								
Methylene chloride	91		82		70-130	10		20
1,1-Dichloroethane	116		105		70-130	10		20
Chloroform	119		108		70-130	10		20
2-Chloroethylvinyl ether	88		80		70-130	10		20
Carbon tetrachloride	109		100		63-132	9		20
1,2-Dichloropropane	105		96		70-130	9		20
Dibromochloromethane	102		91		63-130	11		20
1,1,2-Trichloroethane	100		93		70-130	7		20
Tetrachloroethene	108		98		70-130	10		20
Chlorobenzene	99		90		75-130	10		20
Trichlorofluoromethane	122		113		62-150	8		20
1,2-Dichloroethane	107		98		70-130	9		20
1,1,1-Trichloroethane	115		106		67-130	8		20
Bromodichloromethane	108		97		67-130	11		20
trans-1,3-Dichloropropene	111		99		70-130	11		20
cis-1,3-Dichloropropene	98		88		70-130	11		20
1,1-Dichloropropene	109		101		70-130	8		20
Bromoform	107		96		54-136	11		20
1,1,2,2-Tetrachloroethane	90		81		67-130	11		20
Benzene	107		97		70-130	10		20
Toluene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789639-1 WG789639-2								
Ethylbenzene	103		94		70-130	9		20
Chloromethane	51	Q	43	Q	64-130	17		20
Bromomethane	74		64		39-139	14		20
Vinyl chloride	75		68		55-140	10		20
Chloroethane	102		90		55-138	13		20
1,1-Dichloroethene	108		99		61-145	9		20
trans-1,2-Dichloroethene	111		100		70-130	10		20
Trichloroethene	107		98		70-130	9		20
1,2-Dichlorobenzene	84		77		70-130	9		20
1,3-Dichlorobenzene	89		82		70-130	8		20
1,4-Dichlorobenzene	91		84		70-130	8		20
Methyl tert butyl ether	100		91		63-130	9		20
p/m-Xylene	101		92		70-130	9		20
o-Xylene	94		86		70-130	9		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	97		89		70-130	9		20
1,2,3-Trichloropropane	104		99		64-130	5		20
Acrylonitrile	91		82		70-130	10		20
Diisopropyl Ether	108		98		70-130	10		20
Tert-Butyl Alcohol	88		83		70-130	6		20
Styrene	94		86		70-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789639-1 WG789639-2								
Dichlorodifluoromethane	45		42		36-147	7		20
Acetone	87		75		58-148	15		20
Carbon disulfide	97		87		51-130	11		20
2-Butanone	98		85		63-138	14		20
Vinyl acetate	96		87		70-130	10		20
4-Methyl-2-pentanone	76		70		59-130	8		20
2-Hexanone	80		73		57-130	9		20
Acrolein	87		78		40-160	11		20
Bromochloromethane	108		98		70-130	10		20
2,2-Dichloropropane	117		105		63-133	11		20
1,2-Dibromoethane	94		86		70-130	9		20
1,3-Dichloropropane	102		93		70-130	9		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	90		82		70-130	9		20
n-Butylbenzene	75		70		53-136	7		20
sec-Butylbenzene	73		69	Q	70-130	6		20
tert-Butylbenzene	76		70		70-130	8		20
o-Chlorotoluene	102		92		70-130	10		20
p-Chlorotoluene	95		86		70-130	10		20
1,2-Dibromo-3-chloropropane	84		77		41-144	9		20
Hexachlorobutadiene	72		68		63-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789639-1 WG789639-2								
Isopropylbenzene	93		86		70-130	8		20
p-Isopropyltoluene	73		68	Q	70-130	7		20
Naphthalene	86		79		70-130	8		20
n-Propylbenzene	91		84		69-130	8		20
1,2,3-Trichlorobenzene	92		86		70-130	7		20
1,2,4-Trichlorobenzene	88		83		70-130	6		20
1,3,5-Trimethylbenzene	92		85		64-130	8		20
1,2,4-Trimethylbenzene	86		79		70-130	8		20
Methyl Acetate	95		87		70-130	9		20
Ethyl Acetate	96		87		70-130	10		20
Cyclohexane	102		95		70-130	7		20
Ethyl-Tert-Butyl-Ether	102		94		70-130	8		20
Tertiary-Amyl Methyl Ether	95		87		66-130	9		20
1,4-Dioxane	100		91		56-162	9		20
Freon-113	114		105		70-130	8		20
p-Diethylbenzene	74		68	Q	70-130	8		20
p-Ethyltoluene	90		82		70-130	9		20
1,2,4,5-Tetramethylbenzene	82		74		70-130	10		20
Ethyl ether	100		91		59-134	9		20
trans-1,4-Dichloro-2-butene	103		87		70-130	17		20
Iodomethane	67	Q	63	Q	70-130	6		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789639-1 WG789639-2								
Methyl cyclohexane	98		93		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	109		109		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	109		108		70-130



SEMIVOLATILES

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
 Client ID: EB07_10-12
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/31/15 16:22
 Analyst: KR
 Percent Solids: 77%

Date Collected: 05/30/15 14:40
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	44.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	70.	1
Hexachlorobenzene	ND		ug/kg	130	40.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	60.	1
2-Chloronaphthalene	ND		ug/kg	210	70.	1
1,2-Dichlorobenzene	ND		ug/kg	210	70.	1
1,3-Dichlorobenzene	ND		ug/kg	210	68.	1
1,4-Dichlorobenzene	ND		ug/kg	210	65.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	46.	1
2,6-Dinitrotoluene	ND		ug/kg	210	55.	1
Fluoranthene	ND		ug/kg	130	39.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	65.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	49.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	75.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	65.	1
Hexachlorobutadiene	ND		ug/kg	210	60.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	140	1
Hexachloroethane	ND		ug/kg	170	39.	1
Isophorone	ND		ug/kg	190	57.	1
Naphthalene	ND		ug/kg	210	71.	1
Nitrobenzene	ND		ug/kg	190	51.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	64.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	56.	1
Butyl benzyl phthalate	ND		ug/kg	210	42.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	53.	1
Diethyl phthalate	ND		ug/kg	210	45.	1
Dimethyl phthalate	ND		ug/kg	210	54.	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01

Date Collected: 05/30/15 14:40

Client ID: EB07_10-12

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	130	42.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	43.	1
Benzo(k)fluoranthene	ND		ug/kg	130	41.	1
Chrysene	ND		ug/kg	130	42.	1
Acenaphthylene	ND		ug/kg	170	40.	1
Anthracene	ND		ug/kg	130	36.	1
Benzo(ghi)perylene	ND		ug/kg	170	44.	1
Fluorene	ND		ug/kg	210	61.	1
Phenanthrene	ND		ug/kg	130	42.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	41.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	170	48.	1
Pyrene	ND		ug/kg	130	42.	1
Biphenyl	ND		ug/kg	490	71.	1
4-Chloroaniline	ND		ug/kg	210	56.	1
2-Nitroaniline	ND		ug/kg	210	60.	1
3-Nitroaniline	ND		ug/kg	210	59.	1
4-Nitroaniline	ND		ug/kg	210	58.	1
Dibenzofuran	ND		ug/kg	210	72.	1
2-Methylnaphthalene	ND		ug/kg	260	68.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	66.	1
Acetophenone	ND		ug/kg	210	66.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
P-Chloro-M-Cresol	ND		ug/kg	210	62.	1
2-Chlorophenol	ND		ug/kg	210	65.	1
2,4-Dichlorophenol	ND		ug/kg	190	69.	1
2,4-Dimethylphenol	ND		ug/kg	210	64.	1
2-Nitrophenol	ND		ug/kg	460	67.	1
4-Nitrophenol	ND		ug/kg	300	69.	1
2,4-Dinitrophenol	ND		ug/kg	1000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	78.	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	63.	1
2-Methylphenol	ND		ug/kg	210	69.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	70.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	69.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	66.	1
Carbazole	ND		ug/kg	210	46.	1



Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15**SAMPLE RESULTS**

Lab ID: L1511932-01

Date Collected: 05/30/15 14:40

Client ID: EB07_10-12

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	116		10-136
4-Terphenyl-d14	117		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02 D
 Client ID: EB09_4.5-5.5
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/31/15 18:05
 Analyst: KR
 Percent Solids: 70%

Date Collected: 05/30/15 13:25
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1900		ug/kg	740	190	4
1,2,4-Trichlorobenzene	ND		ug/kg	930	300	4
Hexachlorobenzene	ND		ug/kg	560	170	4
Bis(2-chloroethyl)ether	ND		ug/kg	840	260	4
2-Chloronaphthalene	ND		ug/kg	930	300	4
1,2-Dichlorobenzene	ND		ug/kg	930	300	4
1,3-Dichlorobenzene	ND		ug/kg	930	290	4
1,4-Dichlorobenzene	ND		ug/kg	930	280	4
3,3'-Dichlorobenzidine	ND		ug/kg	930	250	4
2,4-Dinitrotoluene	ND		ug/kg	930	200	4
2,6-Dinitrotoluene	ND		ug/kg	930	240	4
Fluoranthene	23000		ug/kg	560	170	4
4-Chlorophenyl phenyl ether	ND		ug/kg	930	280	4
4-Bromophenyl phenyl ether	ND		ug/kg	930	210	4
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	330	4
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	280	4
Hexachlorobutadiene	ND		ug/kg	930	260	4
Hexachlorocyclopentadiene	ND		ug/kg	2600	600	4
Hexachloroethane	ND		ug/kg	740	170	4
Isophorone	ND		ug/kg	840	250	4
Naphthalene	3200		ug/kg	930	310	4
Nitrobenzene	ND		ug/kg	840	220	4
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	740	200	4
n-Nitrosodi-n-propylamine	ND		ug/kg	930	280	4
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	930	240	4
Butyl benzyl phthalate	ND		ug/kg	930	180	4
Di-n-butylphthalate	ND		ug/kg	930	180	4
Di-n-octylphthalate	ND		ug/kg	930	230	4
Diethyl phthalate	ND		ug/kg	930	200	4
Dimethyl phthalate	ND		ug/kg	930	240	4



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02 D

Date Collected: 05/30/15 13:25

Client ID: EB09_4.5-5.5

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	17000		ug/kg	560	180	4
Benzo(a)pyrene	17000		ug/kg	740	230	4
Benzo(b)fluoranthene	21000		ug/kg	560	190	4
Benzo(k)fluoranthene	7900		ug/kg	560	180	4
Chrysene	18000		ug/kg	560	180	4
Acenaphthylene	2200		ug/kg	740	170	4
Anthracene	5000		ug/kg	560	150	4
Benzo(ghi)perylene	12000		ug/kg	740	190	4
Fluorene	1600		ug/kg	930	270	4
Phenanthrene	16000		ug/kg	560	180	4
Dibenzo(a,h)anthracene	3600		ug/kg	560	180	4
Indeno(1,2,3-cd)Pyrene	10000		ug/kg	740	210	4
Pyrene	23000		ug/kg	560	180	4
Biphenyl	410	J	ug/kg	2100	310	4
4-Chloroaniline	ND		ug/kg	930	240	4
2-Nitroaniline	ND		ug/kg	930	260	4
3-Nitroaniline	ND		ug/kg	930	260	4
4-Nitroaniline	ND		ug/kg	930	250	4
Dibenzofuran	1500		ug/kg	930	310	4
2-Methylnaphthalene	1200		ug/kg	1100	300	4
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	930	290	4
Acetophenone	ND		ug/kg	930	290	4
2,4,6-Trichlorophenol	ND		ug/kg	560	180	4
P-Chloro-M-Cresol	ND		ug/kg	930	270	4
2-Chlorophenol	ND		ug/kg	930	280	4
2,4-Dichlorophenol	ND		ug/kg	840	300	4
2,4-Dimethylphenol	ND		ug/kg	930	280	4
2-Nitrophenol	ND		ug/kg	2000	290	4
4-Nitrophenol	ND		ug/kg	1300	300	4
2,4-Dinitrophenol	ND		ug/kg	4500	1300	4
4,6-Dinitro-o-cresol	ND		ug/kg	2400	340	4
Pentachlorophenol	ND		ug/kg	740	200	4
Phenol	ND		ug/kg	930	280	4
2-Methylphenol	ND		ug/kg	930	300	4
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	300	4
2,4,5-Trichlorophenol	ND		ug/kg	930	300	4
Benzoic Acid	ND		ug/kg	3000	940	4
Benzyl Alcohol	ND		ug/kg	930	290	4
Carbazole	1900		ug/kg	930	200	4



Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15**SAMPLE RESULTS**

Lab ID: L1511932-02 D

Date Collected: 05/30/15 13:25

Client ID: EB09_4.5-5.5

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	74		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03 D
 Client ID: EB10_1-2
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/31/15 17:39
 Analyst: KR
 Percent Solids: 90%

Date Collected: 05/30/15 10:35
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	300	76.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	120	2
Hexachlorobenzene	ND		ug/kg	220	69.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	100	2
2-Chloronaphthalene	ND		ug/kg	370	120	2
1,2-Dichlorobenzene	ND		ug/kg	370	120	2
1,3-Dichlorobenzene	ND		ug/kg	370	120	2
1,4-Dichlorobenzene	ND		ug/kg	370	110	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	98.	2
2,4-Dinitrotoluene	ND		ug/kg	370	80.	2
2,6-Dinitrotoluene	ND		ug/kg	370	95.	2
Fluoranthene	110	J	ug/kg	220	68.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	110	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	85.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	130	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	110	2
Hexachlorobutadiene	ND		ug/kg	370	100	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	240	2
Hexachloroethane	ND		ug/kg	300	67.	2
Isophorone	ND		ug/kg	330	98.	2
Naphthalene	ND		ug/kg	370	120	2
Nitrobenzene	ND		ug/kg	330	88.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	300	78.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	110	2
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	370	97.	2
Butyl benzyl phthalate	ND		ug/kg	370	72.	2
Di-n-butylphthalate	ND		ug/kg	370	71.	2
Di-n-octylphthalate	ND		ug/kg	370	91.	2
Diethyl phthalate	ND		ug/kg	370	78.	2
Dimethyl phthalate	ND		ug/kg	370	94.	2



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03 D

Date Collected: 05/30/15 10:35

Client ID: EB10_1-2

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	220	72.	2
Benzo(a)pyrene	ND		ug/kg	300	90.	2
Benzo(b)fluoranthene	ND		ug/kg	220	75.	2
Benzo(k)fluoranthene	ND		ug/kg	220	71.	2
Chrysene	ND		ug/kg	220	73.	2
Acenaphthylene	ND		ug/kg	300	69.	2
Anthracene	ND		ug/kg	220	62.	2
Benzo(ghi)perylene	ND		ug/kg	300	77.	2
Fluorene	ND		ug/kg	370	110	2
Phenanthrene	ND		ug/kg	220	72.	2
Dibenzo(a,h)anthracene	ND		ug/kg	220	72.	2
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	300	82.	2
Pyrene	96	J	ug/kg	220	72.	2
Biphenyl	ND		ug/kg	840	120	2
4-Chloroaniline	ND		ug/kg	370	98.	2
2-Nitroaniline	ND		ug/kg	370	100	2
3-Nitroaniline	ND		ug/kg	370	100	2
4-Nitroaniline	ND		ug/kg	370	100	2
Dibenzofuran	ND		ug/kg	370	120	2
2-Methylnaphthalene	ND		ug/kg	440	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	110	2
Acetophenone	ND		ug/kg	370	110	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
P-Chloro-M-Cresol	ND		ug/kg	370	110	2
2-Chlorophenol	ND		ug/kg	370	110	2
2,4-Dichlorophenol	ND		ug/kg	330	120	2
2,4-Dimethylphenol	ND		ug/kg	370	110	2
2-Nitrophenol	ND		ug/kg	800	120	2
4-Nitrophenol	ND		ug/kg	520	120	2
2,4-Dinitrophenol	ND		ug/kg	1800	510	2
4,6-Dinitro-o-cresol	ND		ug/kg	960	140	2
Pentachlorophenol	ND		ug/kg	300	79.	2
Phenol	ND		ug/kg	370	110	2
2-Methylphenol	ND		ug/kg	370	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	530	120	2
2,4,5-Trichlorophenol	ND		ug/kg	370	120	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	ND		ug/kg	370	80.	2



Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15**SAMPLE RESULTS**

Lab ID: L1511932-03 D

Date Collected: 05/30/15 10:35

Client ID: EB10_1-2

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	86		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04 D2
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/01/15 13:37
 Analyst: AS
 Percent Solids: 84%

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 19:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	600000		ug/kg	12000	3800	105
Phenanthrene	620000		ug/kg	12000	4000	105
Pyrene	480000		ug/kg	12000	4000	105

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04 D
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/01/15 12:21
 Analyst: AS
 Percent Solids: 84%

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 19:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	58000		ug/kg	8200	2100	52.5
1,2,4-Trichlorobenzene	ND		ug/kg	10000	3400	52.5
Hexachlorobenzene	ND		ug/kg	6100	1900	52.5
Bis(2-chloroethyl)ether	ND		ug/kg	9200	2900	52.5
2-Chloronaphthalene	ND		ug/kg	10000	3300	52.5
1,2-Dichlorobenzene	ND		ug/kg	10000	3400	52.5
1,3-Dichlorobenzene	ND		ug/kg	10000	3200	52.5
1,4-Dichlorobenzene	ND		ug/kg	10000	3100	52.5
3,3'-Dichlorobenzidine	ND		ug/kg	10000	2700	52.5
2,4-Dinitrotoluene	ND		ug/kg	10000	2200	52.5
2,6-Dinitrotoluene	ND		ug/kg	10000	2600	52.5
Fluoranthene	520000	E	ug/kg	6100	1900	52.5
4-Chlorophenyl phenyl ether	ND		ug/kg	10000	3100	52.5
4-Bromophenyl phenyl ether	ND		ug/kg	10000	2400	52.5
Bis(2-chloroisopropyl)ether	ND		ug/kg	12000	3600	52.5
Bis(2-chloroethoxy)methane	ND		ug/kg	11000	3100	52.5
Hexachlorobutadiene	ND		ug/kg	10000	2900	52.5
Hexachlorocyclopentadiene	ND		ug/kg	29000	6600	52.5
Hexachloroethane	ND		ug/kg	8200	1900	52.5
Isophorone	ND		ug/kg	9200	2700	52.5
Naphthalene	110000		ug/kg	10000	3400	52.5
Nitrobenzene	ND		ug/kg	9200	2400	52.5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	8200	2200	52.5
n-Nitrosodi-n-propylamine	ND		ug/kg	10000	3000	52.5
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	10000	2700	52.5
Butyl benzyl phthalate	ND		ug/kg	10000	2000	52.5
Di-n-butylphthalate	ND		ug/kg	10000	2000	52.5
Di-n-octylphthalate	ND		ug/kg	10000	2500	52.5
Diethyl phthalate	ND		ug/kg	10000	2200	52.5
Dimethyl phthalate	ND		ug/kg	10000	2600	52.5



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04 D

Date Collected: 05/30/15 12:40

Client ID: EB12_7-9

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	270000		ug/kg	6100	2000	52.5
Benzo(a)pyrene	260000		ug/kg	8200	2500	52.5
Benzo(b)fluoranthene	270000		ug/kg	6100	2100	52.5
Benzo(k)fluoranthene	190000		ug/kg	6100	2000	52.5
Chrysene	270000		ug/kg	6100	2000	52.5
Acenaphthylene	42000		ug/kg	8200	1900	52.5
Anthracene	140000		ug/kg	6100	1700	52.5
Benzo(ghi)perylene	180000		ug/kg	8200	2100	52.5
Fluorene	76000		ug/kg	10000	2900	52.5
Phenanthrene	520000	E	ug/kg	6100	2000	52.5
Dibenzo(a,h)anthracene	60000		ug/kg	6100	2000	52.5
Indeno(1,2,3-cd)Pyrene	170000		ug/kg	8200	2300	52.5
Pyrene	430000	E	ug/kg	6100	2000	52.5
Biphenyl	14000	J	ug/kg	23000	3400	52.5
4-Chloroaniline	ND		ug/kg	10000	2700	52.5
2-Nitroaniline	ND		ug/kg	10000	2900	52.5
3-Nitroaniline	ND		ug/kg	10000	2800	52.5
4-Nitroaniline	ND		ug/kg	10000	2800	52.5
Dibenzofuran	71000		ug/kg	10000	3400	52.5
2-Methylnaphthalene	50000		ug/kg	12000	3300	52.5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	10000	3200	52.5
Acetophenone	ND		ug/kg	10000	3200	52.5
2,4,6-Trichlorophenol	ND		ug/kg	6100	1900	52.5
P-Chloro-M-Cresol	ND		ug/kg	10000	3000	52.5
2-Chlorophenol	ND		ug/kg	10000	3100	52.5
2,4-Dichlorophenol	ND		ug/kg	9200	3300	52.5
2,4-Dimethylphenol	3800	J	ug/kg	10000	3000	52.5
2-Nitrophenol	ND		ug/kg	22000	3200	52.5
4-Nitrophenol	ND		ug/kg	14000	3300	52.5
2,4-Dinitrophenol	ND		ug/kg	49000	14000	52.5
4,6-Dinitro-o-cresol	ND		ug/kg	27000	3800	52.5
Pentachlorophenol	ND		ug/kg	8200	2200	52.5
Phenol	3900	J	ug/kg	10000	3000	52.5
2-Methylphenol	ND		ug/kg	10000	3300	52.5
3-Methylphenol/4-Methylphenol	8100	J	ug/kg	15000	3400	52.5
2,4,5-Trichlorophenol	ND		ug/kg	10000	3300	52.5
Benzoic Acid	ND		ug/kg	33000	10000	52.5
Benzyl Alcohol	ND		ug/kg	10000	3200	52.5
Carbazole	100000		ug/kg	10000	2200	52.5



Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15**SAMPLE RESULTS**

Lab ID: L1511932-04 D

Date Collected: 05/30/15 12:40

Client ID: EB12_7-9

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	0	Q	25-120
Phenol-d6	0	Q	10-120
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
2,4,6-Tribromophenol	0	Q	10-136
4-Terphenyl-d14	0	Q	18-120

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
 Client ID: EB13_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/31/15 17:13
 Analyst: KR
 Percent Solids: 90%

Date Collected: 05/30/15 12:00
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	61.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	61.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	2400		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	49.	1
Naphthalene	200		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05

Date Collected: 05/30/15 12:00

Client ID: EB13_7-9

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	900		ug/kg	110	36.	1
Benzo(a)pyrene	840		ug/kg	150	45.	1
Benzo(b)fluoranthene	1000		ug/kg	110	37.	1
Benzo(k)fluoranthene	370		ug/kg	110	35.	1
Chrysene	910		ug/kg	110	36.	1
Acenaphthylene	150		ug/kg	150	34.	1
Anthracene	460		ug/kg	110	31.	1
Benzo(ghi)perylene	570		ug/kg	150	38.	1
Fluorene	200		ug/kg	180	53.	1
Phenanthrene	2000		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	480		ug/kg	150	41.	1
Pyrene	2000		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	49.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	170	J	ug/kg	180	62.	1
2-Methylnaphthalene	93	J	ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	180	54.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	890	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	55.	1
2-Methylphenol	ND		ug/kg	180	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	240		ug/kg	180	40.	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
 Client ID: EB13_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 12:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	103		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
 Client ID: DUP01_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/31/15 16:48
 Analyst: KR
 Percent Solids: 75%

Date Collected: 05/30/15 00:00
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	45.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	72.	1
Hexachlorobenzene	ND		ug/kg	130	41.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	62.	1
2-Chloronaphthalene	ND		ug/kg	220	72.	1
1,2-Dichlorobenzene	ND		ug/kg	220	72.	1
1,3-Dichlorobenzene	ND		ug/kg	220	70.	1
1,4-Dichlorobenzene	ND		ug/kg	220	67.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	48.	1
2,6-Dinitrotoluene	ND		ug/kg	220	56.	1
Fluoranthene	ND		ug/kg	130	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	67.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	51.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	78.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	67.	1
Hexachlorobutadiene	ND		ug/kg	220	62.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	140	1
Hexachloroethane	ND		ug/kg	180	40.	1
Isophorone	ND		ug/kg	200	59.	1
Naphthalene	ND		ug/kg	220	73.	1
Nitrobenzene	ND		ug/kg	200	52.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	180	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	66.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	220	58.	1
Butyl benzyl phthalate	ND		ug/kg	220	43.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	54.	1
Diethyl phthalate	ND		ug/kg	220	47.	1
Dimethyl phthalate	ND		ug/kg	220	56.	1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06

Date Collected: 05/30/15 00:00

Client ID: DUP01_053015

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	130	43.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	44.	1
Benzo(k)fluoranthene	ND		ug/kg	130	42.	1
Chrysene	ND		ug/kg	130	43.	1
Acenaphthylene	ND		ug/kg	180	41.	1
Anthracene	ND		ug/kg	130	37.	1
Benzo(ghi)perylene	ND		ug/kg	180	46.	1
Fluorene	ND		ug/kg	220	63.	1
Phenanthrene	ND		ug/kg	130	43.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	43.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	180	49.	1
Pyrene	ND		ug/kg	130	43.	1
Biphenyl	ND		ug/kg	500	73.	1
4-Chloroaniline	ND		ug/kg	220	58.	1
2-Nitroaniline	ND		ug/kg	220	62.	1
3-Nitroaniline	ND		ug/kg	220	61.	1
4-Nitroaniline	ND		ug/kg	220	60.	1
Dibenzofuran	ND		ug/kg	220	74.	1
2-Methylnaphthalene	ND		ug/kg	260	70.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	68.	1
Acetophenone	ND		ug/kg	220	68.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
P-Chloro-M-Cresol	ND		ug/kg	220	64.	1
2-Chlorophenol	ND		ug/kg	220	67.	1
2,4-Dichlorophenol	ND		ug/kg	200	71.	1
2,4-Dimethylphenol	ND		ug/kg	220	66.	1
2-Nitrophenol	ND		ug/kg	480	69.	1
4-Nitrophenol	ND		ug/kg	310	71.	1
2,4-Dinitrophenol	ND		ug/kg	1000	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	81.	1
Pentachlorophenol	ND		ug/kg	180	47.	1
Phenol	ND		ug/kg	220	65.	1
2-Methylphenol	ND		ug/kg	220	71.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	72.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	71.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	47.	1



Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15**SAMPLE RESULTS**

Lab ID: L1511932-06

Date Collected: 05/30/15 00:00

Client ID: DUP01_053015

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	68		18-120

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
Client ID: MW11_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 05/31/15 17:11
Analyst: KR

Date Collected: 05/30/15 16:35
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
 Client ID: MW11_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 16:35
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	91		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
Client ID: MW11_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/31/15 14:04
Analyst: MW

Date Collected: 05/30/15 16:35
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.05	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.10	J	ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15**SAMPLE RESULTS**

Lab ID: L1511932-07

Date Collected: 05/30/15 16:35

Client ID: MW11_053015

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	72		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
Client ID: GWDUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 05/31/15 17:36
Analyst: KR

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
Client ID: GWDUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	93		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
Client ID: GWDUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/31/15 14:29
Analyst: MW

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.04	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.10	J	ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15**SAMPLE RESULTS**

Lab ID: L1511932-08

Date Collected: 05/30/15 00:00

Client ID: GWDUP01_053015

Date Received: 05/30/15

Sample Location: 130 ST. FELIX STREET, BROOKLYN NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	70		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/31/15 15:06
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG789446-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/31/15 15:06
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG789446-1					
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 05/31/15 15:06
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 05/31/15 01:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG789446-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	112		18-120



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/31/15 15:55
Analyst: KR

Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG789448-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Isophorone	ND		ug/l	5.0	0.79
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 05/31/15 15:55
Analyst: KR

Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG789448-1					
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	101		41-149



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/31/15 12:25
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-08 Batch: WG789449-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/31/15 12:25
 Analyst: MW

Extraction Method: EPA 3510C
 Extraction Date: 05/31/15 02:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-08 Batch: WG789449-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	74		41-149

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/31/15 20:12
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 05/31/15 12:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG789477-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/31/15 20:12
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 05/31/15 12:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG789477-1					
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 05/31/15 20:12
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 05/31/15 12:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG789477-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG789446-2 WG789446-3								
Acenaphthene	87		76		31-137	13		50
1,2,4-Trichlorobenzene	79		72		38-107	9		50
Hexachlorobenzene	92		79		40-140	15		50
Bis(2-chloroethyl)ether	80		72		40-140	11		50
2-Chloronaphthalene	89		79		40-140	12		50
1,2-Dichlorobenzene	74		70		40-140	6		50
1,3-Dichlorobenzene	70		68		40-140	3		50
1,4-Dichlorobenzene	70		68		28-104	3		50
3,3'-Dichlorobenzidine	108		83		40-140	26		50
2,4-Dinitrotoluene	102	Q	86		28-89	17		50
2,6-Dinitrotoluene	98		83		40-140	17		50
Fluoranthene	97		84		40-140	14		50
4-Chlorophenyl phenyl ether	89		78		40-140	13		50
4-Bromophenyl phenyl ether	93		80		40-140	15		50
Bis(2-chloroisopropyl)ether	82		75		40-140	9		50
Bis(2-chloroethoxy)methane	88		79		40-117	11		50
Hexachlorobutadiene	80		72		40-140	11		50
Hexachlorocyclopentadiene	107		99		40-140	8		50
Hexachloroethane	70		68		40-140	3		50
Isophorone	92		82		40-140	11		50
Naphthalene	83		77		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG789446-2 WG789446-3								
Nitrobenzene	83		76		40-140	9		50
NitrosoDiPhenylAmine(NDPA)/DPA	95		80		36-157	17		50
n-Nitrosodi-n-propylamine	90		80		32-121	12		50
Bis(2-Ethylhexyl)phthalate	109		93		40-140	16		50
Butyl benzyl phthalate	111		94		40-140	17		50
Di-n-butylphthalate	102		87		40-140	16		50
Di-n-octylphthalate	115		96		40-140	18		50
Diethyl phthalate	93		80		40-140	15		50
Dimethyl phthalate	93		80		40-140	15		50
Benzo(a)anthracene	94		79		40-140	17		50
Benzo(a)pyrene	99		86		40-140	14		50
Benzo(b)fluoranthene	94		82		40-140	14		50
Benzo(k)fluoranthene	91		78		40-140	15		50
Chrysene	89		77		40-140	14		50
Acenaphthylene	92		81		40-140	13		50
Anthracene	97		84		40-140	14		50
Benzo(ghi)perylene	94		81		40-140	15		50
Fluorene	92		79		40-140	15		50
Phenanthrene	89		78		40-140	13		50
Dibenzo(a,h)anthracene	98		83		40-140	17		50
Indeno(1,2,3-cd)Pyrene	77		68		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG789446-2 WG789446-3								
Pyrene	96		82		35-142	16		50
Biphenyl	88		78		54-104	12		50
4-Chloroaniline	97		84		40-140	14		50
2-Nitroaniline	103		87		47-134	17		50
3-Nitroaniline	79		66		26-129	18		50
4-Nitroaniline	97		82		41-125	17		50
Dibenzofuran	90		79		40-140	13		50
2-Methylnaphthalene	86		77		40-140	11		50
1,2,4,5-Tetrachlorobenzene	84		76		40-117	10		50
Acetophenone	84		76		14-144	10		50
2,4,6-Trichlorophenol	95		85		30-130	11		50
P-Chloro-M-Cresol	96		82		26-103	16		50
2-Chlorophenol	84		76		25-102	10		50
2,4-Dichlorophenol	91		81		30-130	12		50
2,4-Dimethylphenol	98		87		30-130	12		50
2-Nitrophenol	93		83		30-130	11		50
4-Nitrophenol	101		87		11-114	15		50
2,4-Dinitrophenol	77		62		4-130	22		50
4,6-Dinitro-o-cresol	101		84		10-130	18		50
Pentachlorophenol	107		90		17-109	17		50
Phenol	81		70		26-90	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG789446-2 WG789446-3								
2-Methylphenol	90		79		30-130.	13		50
3-Methylphenol/4-Methylphenol	92		82		30-130	11		50
2,4,5-Trichlorophenol	95		82		30-130	15		50
Benzoic Acid	29		22		10-66	27		50
Benzyl Alcohol	92		81		40-140	13		50
Carbazole	96		82		54-128	16		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	85		76		25-120
Phenol-d6	90		80		10-120
Nitrobenzene-d5	87		79		23-120
2-Fluorobiphenyl	92		82		30-120
2,4,6-Tribromophenol	102		87		10-136
4-Terphenyl-d14	101		84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789448-2 WG789448-3								
1,2,4-Trichlorobenzene	64		65		39-98	2		30
Bis(2-chloroethyl)ether	76		77		40-140	1		30
1,2-Dichlorobenzene	64		64		40-140	0		30
1,3-Dichlorobenzene	61		61		40-140	0		30
1,4-Dichlorobenzene	62		61		36-97	2		30
3,3'-Dichlorobenzidine	90		93		40-140	3		30
2,4-Dinitrotoluene	93		96		24-96	3		30
2,6-Dinitrotoluene	93		96		40-140	3		30
4-Chlorophenyl phenyl ether	84		86		40-140	2		30
4-Bromophenyl phenyl ether	84		88		40-140	5		30
Bis(2-chloroisopropyl)ether	82		82		40-140	0		30
Bis(2-chloroethoxy)methane	81		83		40-140	2		30
Hexachlorocyclopentadiene	55		55		40-140	0		30
Isophorone	81		84		40-140	4		30
Nitrobenzene	79		79		40-140	0		30
NitrosoDiPhenylAmine(NDPA)/DPA	87		89		40-140	2		30
n-Nitrosodi-n-propylamine	83		84		29-132	1		30
Bis(2-Ethylhexyl)phthalate	99		100		40-140	1		30
Butyl benzyl phthalate	102		102		40-140	0		30
Di-n-butylphthalate	97		99		40-140	2		30
Di-n-octylphthalate	94		94		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789448-2 WG789448-3								
Diethyl phthalate	88		90		40-140	2		30
Dimethyl phthalate	90		92		40-140	2		30
Biphenyl	83		85		54-104	2		30
4-Chloroaniline	62		62		40-140	0		30
2-Nitroaniline	90		94		52-143	4		30
3-Nitroaniline	64		68		25-145	6		30
4-Nitroaniline	78		82		51-143	5		30
Dibenzofuran	86		89		40-140	3		30
1,2,4,5-Tetrachlorobenzene	79		80		2-134	1		30
Acetophenone	81		82		39-129	1		30
2,4,6-Trichlorophenol	85		89		30-130	5		30
P-Chloro-M-Cresol	79		83		23-97	5		30
2-Chlorophenol	66		67		27-123	2		30
2,4-Dichlorophenol	82		84		30-130	2		30
2,4-Dimethylphenol	73		70		30-130	4		30
2-Nitrophenol	77		80		30-130	4		30
4-Nitrophenol	41		43		10-80	5		30
2,4-Dinitrophenol	69		72		20-130	4		30
4,6-Dinitro-o-cresol	84		88		20-164	5		30
Phenol	29		30		12-110	3		30
2-Methylphenol	61		62		30-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG789448-2 WG789448-3								
3-Methylphenol/4-Methylphenol	56		59		30-130	5		30
2,4,5-Trichlorophenol	87		91		30-130	4		30
Benzoic Acid	15		17		10-110	13		30
Benzyl Alcohol	57		58		15-110	2		30
Carbazole	94		95		55-144	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	40		41		21-120
Phenol-d6	29		31		10-120
Nitrobenzene-d5	83		85		23-120
2-Fluorobiphenyl	91		92		15-120
2,4,6-Tribromophenol	96		97		10-120
4-Terphenyl-d14	99		99		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08 Batch: WG789449-2 WG789449-3								
Acenaphthene	62		68		37-111	9		40
2-Chloronaphthalene	61		67		40-140	9		40
Fluoranthene	68		73		40-140	7		40
Hexachlorobutadiene	54		59		40-140	9		40
Naphthalene	56		61		40-140	9		40
Benzo(a)anthracene	71		79		40-140	11		40
Benzo(a)pyrene	72		80		40-140	11		40
Benzo(b)fluoranthene	71		76		40-140	7		40
Benzo(k)fluoranthene	68		81		40-140	17		40
Chrysene	67		76		40-140	13		40
Acenaphthylene	64		71		40-140	10		40
Anthracene	68		75		40-140	10		40
Benzo(ghi)perylene	75		88		40-140	16		40
Fluorene	65		73		40-140	12		40
Phenanthrene	66		75		40-140	13		40
Dibenzo(a,h)anthracene	72		84		40-140	15		40
Indeno(1,2,3-cd)Pyrene	64		71		40-140	10		40
Pyrene	67		71		26-127	6		40
2-Methylnaphthalene	61		67		40-140	9		40
Pentachlorophenol	63		69		9-103	9		40
Hexachlorobenzene	70		78		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08 Batch: WG789449-2 WG789449-3								
Hexachloroethane	53		57		40-140	7		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	29		33		21-120
Phenol-d6	20		23		10-120
Nitrobenzene-d5	69		77		23-120
2-Fluorobiphenyl	65		73		15-120
2,4,6-Tribromophenol	80		83		10-120
4-Terphenyl-d14	70		76		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG789477-2 WG789477-3								
Acenaphthene	75		77		31-137	3		50
1,2,4-Trichlorobenzene	71		71		38-107	0		50
Hexachlorobenzene	79		83		40-140	5		50
Bis(2-chloroethyl)ether	71		72		40-140	1		50
2-Chloronaphthalene	79		81		40-140	3		50
1,2-Dichlorobenzene	71		71		40-140	0		50
1,3-Dichlorobenzene	69		68		40-140	1		50
1,4-Dichlorobenzene	68		68		28-104	0		50
3,3'-Dichlorobenzidine	109		114		40-140	4		50
2,4-Dinitrotoluene	78		83		28-89	6		50
2,6-Dinitrotoluene	81		85		40-140	5		50
Fluoranthene	86		89		40-140	3		50
4-Chlorophenyl phenyl ether	78		80		40-140	3		50
4-Bromophenyl phenyl ether	80		82		40-140	2		50
Bis(2-chloroisopropyl)ether	74		74		40-140	0		50
Bis(2-chloroethoxy)methane	79		80		40-117	1		50
Hexachlorobutadiene	72		71		40-140	1		50
Hexachlorocyclopentadiene	53		60		40-140	12		50
Hexachloroethane	62		62		40-140	0		50
Isophorone	83		84		40-140	1		50
Naphthalene	75		75		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG789477-2 WG789477-3								
Nitrobenzene	74		74		40-140	0		50
NitrosoDiPhenylAmine(NDPA)/DPA	81		83		36-157	2		50
n-Nitrosodi-n-propylamine	78		80		32-121	3		50
Bis(2-Ethylhexyl)phthalate	84		84		40-140	0		50
Butyl benzyl phthalate	95		97		40-140	2		50
Di-n-butylphthalate	85		87		40-140	2		50
Di-n-octylphthalate	94		94		40-140	0		50
Diethyl phthalate	79		81		40-140	3		50
Dimethyl phthalate	79		81		40-140	3		50
Benzo(a)anthracene	79		81		40-140	3		50
Benzo(a)pyrene	83		84		40-140	1		50
Benzo(b)fluoranthene	80		80		40-140	0		50
Benzo(k)fluoranthene	74		74		40-140	0		50
Chrysene	74		76		40-140	3		50
Acenaphthylene	82		84		40-140	2		50
Anthracene	84		85		40-140	1		50
Benzo(ghi)perylene	80		84		40-140	5		50
Fluorene	82		83		40-140	1		50
Phenanthrene	77		78		40-140	1		50
Dibenzo(a,h)anthracene	83		85		40-140	2		50
Indeno(1,2,3-cd)Pyrene	81		84		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG789477-2 WG789477-3								
Pyrene	85		87		35-142	2		50
Biphenyl	78		79		54-104	1		50
4-Chloroaniline	78		77		40-140	1		50
2-Nitroaniline	92		94		47-134	2		50
3-Nitroaniline	83		86		26-129	4		50
4-Nitroaniline	88		89		41-125	1		50
Dibenzofuran	79		81		40-140	3		50
2-Methylnaphthalene	76		78		40-140	3		50
1,2,4,5-Tetrachlorobenzene	72		75		40-117	4		50
Acetophenone	77		77		14-144	0		50
2,4,6-Trichlorophenol	84		88		30-130	5		50
P-Chloro-M-Cresol	84		86		26-103	2		50
2-Chlorophenol	74		76		25-102	3		50
2,4-Dichlorophenol	80		81		30-130	1		50
2,4-Dimethylphenol	88		92		30-130	4		50
2-Nitrophenol	76		78		30-130	3		50
4-Nitrophenol	83		87		11-114	5		50
2,4-Dinitrophenol	24		33		4-130	32		50
4,6-Dinitro-o-cresol	26		38		10-130	38		50
Pentachlorophenol	99		104		17-109	5		50
Phenol	69		71		26-90	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG789477-2 WG789477-3								
2-Methylphenol	79		81		30-130.	3		50
3-Methylphenol/4-Methylphenol	82		83		30-130	1		50
2,4,5-Trichlorophenol	86		88		30-130	2		50
Benzoic Acid	48		54		10-66	12		50
Benzyl Alcohol	80		82		40-140	2		50
Carbazole	82		84		54-128	2		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	72		73		25-120
Phenol-d6	77		77		10-120
Nitrobenzene-d5	76		77		23-120
2-Fluorobiphenyl	77		79		30-120
2,4,6-Tribromophenol	83		87		10-136
4-Terphenyl-d14	81		85		18-120

PCBS

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
Client ID: EB07_10-12
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/31/15 19:17
Analyst: JT
Percent Solids: 77%

Date Collected: 05/30/15 14:40
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/30/15 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.1	3.33	1	A
Aroclor 1221	ND		ug/kg	42.1	3.88	1	A
Aroclor 1232	ND		ug/kg	42.1	4.94	1	A
Aroclor 1242	ND		ug/kg	42.1	5.15	1	A
Aroclor 1248	ND		ug/kg	42.1	3.55	1	A
Aroclor 1254	ND		ug/kg	42.1	3.46	1	A
Aroclor 1260	ND		ug/kg	42.1	3.21	1	A
Aroclor 1262	ND		ug/kg	42.1	2.09	1	A
Aroclor 1268	ND		ug/kg	42.1	6.11	1	A
PCBs, Total	ND		ug/kg	42.1	2.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02
Client ID: EB09_4.5-5.5
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/31/15 19:34
Analyst: JT
Percent Solids: 70%

Date Collected: 05/30/15 13:25
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/30/15 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	47.1	3.72	1	A
Aroclor 1221	ND		ug/kg	47.1	4.34	1	A
Aroclor 1232	ND		ug/kg	47.1	5.52	1	A
Aroclor 1242	ND		ug/kg	47.1	5.76	1	A
Aroclor 1248	ND		ug/kg	47.1	3.97	1	A
Aroclor 1254	ND		ug/kg	47.1	3.87	1	A
Aroclor 1260	ND		ug/kg	47.1	3.59	1	A
Aroclor 1262	ND		ug/kg	47.1	2.33	1	A
Aroclor 1268	ND		ug/kg	47.1	6.82	1	A
PCBs, Total	ND		ug/kg	47.1	2.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03
Client ID: EB10_1-2
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/31/15 19:50
Analyst: JT
Percent Solids: 90%

Date Collected: 05/30/15 10:35
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/30/15 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	2.86	1	A
Aroclor 1221	ND		ug/kg	36.2	3.34	1	A
Aroclor 1232	ND		ug/kg	36.2	4.24	1	A
Aroclor 1242	ND		ug/kg	36.2	4.43	1	A
Aroclor 1248	ND		ug/kg	36.2	3.05	1	A
Aroclor 1254	ND		ug/kg	36.2	2.97	1	A
Aroclor 1260	ND		ug/kg	36.2	2.76	1	A
Aroclor 1262	ND		ug/kg	36.2	1.79	1	A
Aroclor 1268	ND		ug/kg	36.2	5.24	1	A
PCBs, Total	ND		ug/kg	36.2	1.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04
Client ID: EB12_7-9
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/31/15 20:07
Analyst: JT
Percent Solids: 84%

Date Collected: 05/30/15 12:40
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/30/15 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.8	3.06	1	A
Aroclor 1221	ND		ug/kg	38.8	3.58	1	A
Aroclor 1232	ND		ug/kg	38.8	4.55	1	A
Aroclor 1242	ND		ug/kg	38.8	4.75	1	A
Aroclor 1248	ND		ug/kg	38.8	3.27	1	A
Aroclor 1254	ND		ug/kg	38.8	3.19	1	A
Aroclor 1260	ND		ug/kg	38.8	2.96	1	A
Aroclor 1262	ND		ug/kg	38.8	1.92	1	A
Aroclor 1268	ND		ug/kg	38.8	5.62	1	A
PCBs, Total	ND		ug/kg	38.8	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
Client ID: EB13_7-9
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/31/15 20:23
Analyst: JT
Percent Solids: 90%

Date Collected: 05/30/15 12:00
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/30/15 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	2.88	1	A
Aroclor 1221	ND		ug/kg	36.4	3.36	1	A
Aroclor 1232	ND		ug/kg	36.4	4.27	1	A
Aroclor 1242	ND		ug/kg	36.4	4.46	1	A
Aroclor 1248	ND		ug/kg	36.4	3.08	1	A
Aroclor 1254	ND		ug/kg	36.4	3.00	1	A
Aroclor 1260	ND		ug/kg	36.4	2.78	1	A
Aroclor 1262	ND		ug/kg	36.4	1.81	1	A
Aroclor 1268	ND		ug/kg	36.4	5.28	1	A
PCBs, Total	ND		ug/kg	36.4	1.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
Client ID: DUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/31/15 20:40
Analyst: JT
Percent Solids: 75%

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/30/15 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.0	3.48	1	A
Aroclor 1221	ND		ug/kg	44.0	4.06	1	A
Aroclor 1232	ND		ug/kg	44.0	5.16	1	A
Aroclor 1242	ND		ug/kg	44.0	5.39	1	A
Aroclor 1248	ND		ug/kg	44.0	3.71	1	A
Aroclor 1254	ND		ug/kg	44.0	3.62	1	A
Aroclor 1260	ND		ug/kg	44.0	3.35	1	A
Aroclor 1262	ND		ug/kg	44.0	2.18	1	A
Aroclor 1268	ND		ug/kg	44.0	6.38	1	A
PCBs, Total	ND		ug/kg	44.0	2.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
Client ID: MW11_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/31/15 17:55
Analyst: JT

Date Collected: 05/30/15 16:35
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:39
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	49		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	45		30-150	A

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
Client ID: GWDUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/31/15 18:11
Analyst: JT

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/31/15 02:39
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	48		30-150	A

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 05/31/15 18:28
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 05/30/15 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG789439-1						
Aroclor 1016	ND		ug/kg	31.7	2.50	A
Aroclor 1221	ND		ug/kg	31.7	2.92	A
Aroclor 1232	ND		ug/kg	31.7	3.71	A
Aroclor 1242	ND		ug/kg	31.7	3.88	A
Aroclor 1248	ND		ug/kg	31.7	2.67	A
Aroclor 1254	ND		ug/kg	31.7	2.60	A
Aroclor 1260	ND		ug/kg	31.7	2.41	A
Aroclor 1262	ND		ug/kg	31.7	1.57	A
Aroclor 1268	ND		ug/kg	31.7	4.59	A
PCBs, Total	ND		ug/kg	31.7	1.57	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: 130 ST. FELIX STREET**Lab Number:** L1511932**Project Number:** 170366001**Report Date:** 06/01/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 05/31/15 17:05
 Analyst: JT

Extraction Method: EPA 3510C
 Extraction Date: 05/31/15 02:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/31/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-08 Batch: WG789450-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	72		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG789439-2 WG789439-3									
Aroclor 1016	78		80		40-140	3		50	A
Aroclor 1260	83		86		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		88		30-150	A
Decachlorobiphenyl	101		102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		97		30-150	B
Decachlorobiphenyl	112		115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG789450-2 WG789450-3									
Aroclor 1016	80		83		40-140	3		50	A
Aroclor 1260	86		92		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		79		30-150	B
Decachlorobiphenyl	86		88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		72		30-150	A
Decachlorobiphenyl	78		80		30-150	A

PESTICIDES

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
Client ID: EB07_10-12
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/01/15 12:37
Analyst: GP
Percent Solids: 77%

Date Collected: 05/30/15 14:40
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/31/15 00:50
Cleanup Method: EPA 3620B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.403	1	A
Lindane	ND		ug/kg	0.858	0.384	1	A
Alpha-BHC	ND		ug/kg	0.858	0.244	1	A
Beta-BHC	ND		ug/kg	2.06	0.781	1	A
Heptachlor	ND		ug/kg	1.03	0.462	1	A
Aldrin	ND		ug/kg	2.06	0.725	1	A
Heptachlor epoxide	ND		ug/kg	3.86	1.16	1	A
Endrin	ND		ug/kg	0.858	0.352	1	A
Endrin ketone	ND		ug/kg	2.06	0.530	1	A
Dieldrin	ND		ug/kg	1.29	0.644	1	A
4,4'-DDE	ND		ug/kg	2.06	0.476	1	A
4,4'-DDD	ND		ug/kg	2.06	0.735	1	A
4,4'-DDT	ND		ug/kg	3.86	1.66	1	A
Endosulfan I	ND		ug/kg	2.06	0.487	1	A
Endosulfan II	ND		ug/kg	2.06	0.688	1	A
Endosulfan sulfate	ND		ug/kg	0.858	0.409	1	A
Methoxychlor	ND		ug/kg	3.86	1.20	1	A
Toxaphene	ND		ug/kg	38.6	10.8	1	A
cis-Chlordane	ND		ug/kg	2.58	0.718	1	A
trans-Chlordane	ND		ug/kg	2.58	0.680	1	A
Chlordane	ND		ug/kg	16.7	6.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	59		30-150	A



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
 Client ID: EB07_10-12
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/31/15 20:01
 Analyst: SS
 Percent Solids: 77%
 Methylation Date: 05/31/15 06:26

Date Collected: 05/30/15 14:40
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 05/30/15 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	214	26.0	1	A
2,4,5-T	ND		ug/kg	214	13.3	1	A
2,4,5-TP (Silvex)	ND		ug/kg	214	11.8	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	60		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02
 Client ID: EB09_4.5-5.5
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/01/15 12:53
 Analyst: GP
 Percent Solids: 70%

Date Collected: 05/30/15 13:25
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 00:50
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.25	0.440	1	A
Lindane	ND		ug/kg	0.937	0.419	1	A
Alpha-BHC	ND		ug/kg	0.937	0.266	1	A
Beta-BHC	ND		ug/kg	2.25	0.853	1	A
Heptachlor	ND		ug/kg	1.12	0.504	1	A
Aldrin	ND		ug/kg	2.25	0.792	1	A
Heptachlor epoxide	ND		ug/kg	4.22	1.26	1	A
Endrin	ND		ug/kg	0.937	0.384	1	A
Endrin ketone	ND		ug/kg	2.25	0.579	1	A
Dieldrin	ND		ug/kg	1.40	0.703	1	A
4,4'-DDE	ND		ug/kg	2.25	0.520	1	A
4,4'-DDD	ND		ug/kg	2.25	0.802	1	A
4,4'-DDT	ND		ug/kg	4.22	1.81	1	A
Endosulfan I	ND		ug/kg	2.25	0.531	1	A
Endosulfan II	ND		ug/kg	2.25	0.751	1	A
Endosulfan sulfate	ND		ug/kg	0.937	0.446	1	A
Methoxychlor	ND		ug/kg	4.22	1.31	1	A
Toxaphene	ND		ug/kg	42.2	11.8	1	A
cis-Chlordane	ND		ug/kg	2.81	0.783	1	A
trans-Chlordane	ND		ug/kg	2.81	0.742	1	A
Chlordane	ND		ug/kg	18.3	7.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	124		30-150	A



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02
Client ID: EB09_4.5-5.5
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/15 20:21
Analyst: SS
Percent Solids: 70%
Methylation Date: 05/31/15 06:26

Date Collected: 05/30/15 13:25
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 05/30/15 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	233	28.3	1	A
2,4,5-T	ND		ug/kg	233	14.5	1	A
2,4,5-TP (Silvex)	ND		ug/kg	233	12.8	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	73		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03
Client ID: EB10_1-2
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/01/15 13:08
Analyst: GP
Percent Solids: 90%

Date Collected: 05/30/15 10:35
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/31/15 00:50
Cleanup Method: EPA 3620B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.985	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	ND		ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.2	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	50		30-150	A



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03
 Client ID: EB10_1-2
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/31/15 20:40
 Analyst: SS
 Percent Solids: 90%
 Methylation Date: 05/31/15 06:26

Date Collected: 05/30/15 10:35
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 05/30/15 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	22.4	1	A
2,4,5-T	ND		ug/kg	184	11.5	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	10.2	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	69		30-150	A
DCAA	64		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/01/15 13:24
 Analyst: GP
 Percent Solids: 84%

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 00:50
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.782	0.350	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.938	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.321	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.669	1	A
4,4'-DDT	ND		ug/kg	3.52	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	ND		ug/kg	2.34	0.654	1	A
trans-Chlordane	ND		ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.2	6.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	764	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	136		30-150	A



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/31/15 21:00
 Analyst: SS
 Percent Solids: 84%
 Methylation Date: 05/31/15 06:26

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 05/30/15 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	23.9	1	A
2,4,5-T	ND		ug/kg	196	12.2	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	10.8	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	56		30-150	A
DCAA	53		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
Client ID: EB13_7-9
Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/01/15 13:39
Analyst: GP
Percent Solids: 90%

Date Collected: 05/30/15 12:00
Date Received: 05/30/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/31/15 00:50
Cleanup Method: EPA 3620B
Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.887	0.398	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.998	1	A
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	3.32	1.43	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.31	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.585	1	A
Chlordane	ND		ug/kg	14.4	5.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	124		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	49		30-150	A



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
 Client ID: EB13_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/01/15 14:38
 Analyst: SS
 Percent Solids: 90%
 Methylation Date: 05/31/15 06:26

Date Collected: 05/30/15 12:00
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 05/30/15 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	22.3	1	A
2,4,5-T	ND		ug/kg	184	11.4	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	10.1	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	65		30-150	A
DCAA	58		30-150	B



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
 Client ID: DUP01_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/01/15 13:55
 Analyst: GP
 Percent Solids: 75%

Date Collected: 05/30/15 00:00
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 05/31/15 00:50
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.414	1	A
Lindane	ND		ug/kg	0.882	0.394	1	A
Alpha-BHC	ND		ug/kg	0.882	0.250	1	A
Beta-BHC	ND		ug/kg	2.12	0.802	1	A
Heptachlor	ND		ug/kg	1.06	0.474	1	A
Aldrin	ND		ug/kg	2.12	0.745	1	A
Heptachlor epoxide	ND		ug/kg	3.97	1.19	1	A
Endrin	ND		ug/kg	0.882	0.362	1	A
Endrin ketone	ND		ug/kg	2.12	0.545	1	A
Dieldrin	ND		ug/kg	1.32	0.661	1	A
4,4'-DDE	ND		ug/kg	2.12	0.489	1	A
4,4'-DDD	ND		ug/kg	2.12	0.755	1	A
4,4'-DDT	ND		ug/kg	3.97	1.70	1	A
Endosulfan I	ND		ug/kg	2.12	0.500	1	A
Endosulfan II	ND		ug/kg	2.12	0.707	1	A
Endosulfan sulfate	ND		ug/kg	0.882	0.420	1	A
Methoxychlor	ND		ug/kg	3.97	1.23	1	A
Toxaphene	ND		ug/kg	39.7	11.1	1	A
cis-Chlordane	ND		ug/kg	2.64	0.737	1	A
trans-Chlordane	ND		ug/kg	2.64	0.698	1	A
Chlordane	ND		ug/kg	17.2	7.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	51		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	50		30-150	A



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
 Client ID: DUP01_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN NY
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/31/15 21:39
 Analyst: SS
 Percent Solids: 75%
 Methylation Date: 05/31/15 06:26

Date Collected: 05/30/15 00:00
 Date Received: 05/30/15
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 05/30/15 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	221	26.9	1	A
2,4,5-T	ND		ug/kg	221	13.8	1	A
2,4,5-TP (Silvex)	ND		ug/kg	221	12.2	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	77		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/31/15 19:03
Analyst: SS

Extraction Method: EPA 8151A
Extraction Date: 05/30/15 22:21

Methylation Date: 05/31/15 06:26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-06 Batch: WG789434-1						
2,4-D	ND		ug/kg	162	19.8	A
2,4,5-T	ND		ug/kg	162	10.1	A
2,4,5-TP (Silvex)	ND		ug/kg	162	8.97	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	65		30-150	A
DCAA	58		30-150	B

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/01/15 11:51
 Analyst: GP

Extraction Method: EPA 3546
 Extraction Date: 05/31/15 00:50
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG789445-1						
Delta-BHC	ND		ug/kg	1.52	0.299	A
Lindane	ND		ug/kg	0.635	0.284	A
Alpha-BHC	ND		ug/kg	0.635	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.578	A
Heptachlor	ND		ug/kg	0.762	0.342	A
Aldrin	ND		ug/kg	1.52	0.537	A
Heptachlor epoxide	ND		ug/kg	2.86	0.858	A
Endrin	ND		ug/kg	0.635	0.260	A
Endrin ketone	ND		ug/kg	1.52	0.393	A
Dieldrin	ND		ug/kg	0.953	0.476	A
4,4'-DDE	ND		ug/kg	1.52	0.353	A
4,4'-DDD	ND		ug/kg	1.52	0.544	A
4,4'-DDT	ND		ug/kg	2.86	1.23	A
Endosulfan I	ND		ug/kg	1.52	0.360	A
Endosulfan II	ND		ug/kg	1.52	0.510	A
Endosulfan sulfate	ND		ug/kg	0.635	0.302	A
Methoxychlor	ND		ug/kg	2.86	0.889	A
Toxaphene	13.2	J	ug/kg	28.6	8.00	A
cis-Chlordane	ND		ug/kg	1.90	0.531	A
trans-Chlordane	ND		ug/kg	1.90	0.503	A
Chlordane	ND		ug/kg	12.4	5.05	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	77		30-150	A



Lab Control Sample Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG789434-2 WG789434-3									
2,4-D	69		73		30-150	6		30	A
2,4,5-T	69		67		30-150	3		30	A
2,4,5-TP (Silvex)	72		70		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	69		67		30-150	A
DCAA	64		63		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG789445-2 WG789445-3									
Delta-BHC	68		73		30-150	7		30	A
Lindane	75		78		30-150	4		30	A
Alpha-BHC	77		80		30-150	4		30	A
Beta-BHC	81		99		30-150	20		30	A
Heptachlor	83		86		30-150	4		30	A
Aldrin	85		85		30-150	0		30	A
Heptachlor epoxide	76		77		30-150	1		30	A
Endrin	90		94		30-150	4		30	A
Endrin ketone	68		70		30-150	3		30	A
Dieldrin	87		87		30-150	0		30	A
4,4'-DDE	90		88		30-150	2		30	A
4,4'-DDD	84		86		30-150	2		30	A
4,4'-DDT	92		99		30-150	7		30	A
Endosulfan I	81		81		30-150	0		30	A
Endosulfan II	82		83		30-150	1		30	A
Endosulfan sulfate	68		70		30-150	3		30	A
Methoxychlor	82		83		30-150	1		30	A
cis-Chlordane	78		78		30-150	0		30	A
trans-Chlordane	81		82		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG789445-2 WG789445-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	68		74		30-150	B
Decachlorobiphenyl	87		79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		84		30-150	A
Decachlorobiphenyl	66		72		30-150	A



METALS

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
 Client ID: EB07_10-12
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 05/30/15 14:40
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7100		mg/kg	10	2.0	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.1	0.81	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Arsenic, Total	1.1		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Barium, Total	53		mg/kg	1.0	0.30	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Beryllium, Total	0.31	J	mg/kg	0.51	0.10	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Calcium, Total	1300		mg/kg	10	3.0	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Chromium, Total	18		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Cobalt, Total	6.6		mg/kg	2.0	0.51	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Copper, Total	16		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Iron, Total	15000		mg/kg	5.1	2.0	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	5.1	0.20	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Magnesium, Total	2400		mg/kg	10	1.0	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Manganese, Total	370		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.10	0.02	1	05/31/15 12:31	05/31/15 15:15	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.5	0.40	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Potassium, Total	1300		mg/kg	250	40.	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	2.0	0.30	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Sodium, Total	270		mg/kg	200	30.	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.40	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	1.0	0.10	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH
Zinc, Total	34		mg/kg	5.1	0.71	2	06/01/15 09:34	06/01/15 12:32	EPA 3050B	1,6010C	JH



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02
 Client ID: EB09_4.5-5.5
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil
 Percent Solids: 70%

Date Collected: 05/30/15 13:25
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	11	2.2	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Antimony, Total	2.3	J	mg/kg	5.6	0.89	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	1.1	0.22	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Barium, Total	860		mg/kg	1.1	0.34	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Beryllium, Total	0.26	J	mg/kg	0.56	0.11	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Cadmium, Total	0.95	J	mg/kg	1.1	0.08	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Calcium, Total	45000		mg/kg	11	3.4	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Chromium, Total	24		mg/kg	1.1	0.22	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Cobalt, Total	4.7		mg/kg	2.2	0.56	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Copper, Total	42		mg/kg	1.1	0.22	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Iron, Total	15000		mg/kg	5.6	2.2	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Lead, Total	2800		mg/kg	5.6	0.22	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Magnesium, Total	4100		mg/kg	11	1.1	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Manganese, Total	390		mg/kg	1.1	0.22	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Mercury, Total	0.90		mg/kg	0.09	0.02	1	05/31/15 12:31	05/31/15 15:31	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.8	0.45	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Potassium, Total	920		mg/kg	280	45.	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Selenium, Total	0.75	J	mg/kg	2.2	0.34	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Silver, Total	0.72	J	mg/kg	1.1	0.22	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Sodium, Total	120	J	mg/kg	220	34.	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.2	0.45	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	1.1	0.11	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH
Zinc, Total	1200		mg/kg	5.6	0.78	2	06/01/15 09:34	06/01/15 13:12	EPA 3050B	1,6010C	JH



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03
 Client ID: EB10_1-2
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 05/30/15 10:35
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6100		mg/kg	8.6	1.7	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Antimony, Total	1.6	J	mg/kg	4.3	0.69	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Arsenic, Total	16		mg/kg	0.86	0.17	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Barium, Total	370		mg/kg	0.86	0.26	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Beryllium, Total	0.28	J	mg/kg	0.43	0.09	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Cadmium, Total	0.10	J	mg/kg	0.86	0.06	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Calcium, Total	26000		mg/kg	8.6	2.6	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.86	0.17	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Cobalt, Total	5.5		mg/kg	1.7	0.43	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Copper, Total	28		mg/kg	0.86	0.17	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Iron, Total	13000		mg/kg	4.3	1.7	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Lead, Total	620		mg/kg	4.3	0.17	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Magnesium, Total	2700		mg/kg	8.6	0.86	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Manganese, Total	250		mg/kg	0.86	0.17	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Mercury, Total	0.25		mg/kg	0.08	0.02	1	05/31/15 12:31	05/31/15 15:33	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.2	0.34	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Potassium, Total	1300		mg/kg	220	34.	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Selenium, Total	0.40	J	mg/kg	1.7	0.26	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.86	0.17	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Sodium, Total	100	J	mg/kg	170	26.	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.34	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.86	0.09	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH
Zinc, Total	510		mg/kg	4.3	0.60	2	06/01/15 09:34	06/01/15 13:16	EPA 3050B	1,6010C	JH



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5800		mg/kg	9.0	1.8	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Antimony, Total	1.1	J	mg/kg	4.5	0.72	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Arsenic, Total	8.6		mg/kg	0.90	0.18	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Barium, Total	720		mg/kg	0.90	0.27	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Beryllium, Total	0.24	J	mg/kg	0.45	0.09	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Cadmium, Total	0.93		mg/kg	0.90	0.06	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Calcium, Total	22000		mg/kg	9.0	2.7	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Chromium, Total	32		mg/kg	0.90	0.18	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Cobalt, Total	4.7		mg/kg	1.8	0.45	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Copper, Total	64		mg/kg	0.90	0.18	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Iron, Total	12000		mg/kg	4.5	1.8	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Lead, Total	2000		mg/kg	4.5	0.18	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Magnesium, Total	4600		mg/kg	9.0	0.90	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Manganese, Total	260		mg/kg	0.90	0.18	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Mercury, Total	1.7		mg/kg	0.09	0.02	1	05/31/15 12:31	05/31/15 15:35	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	2.3	0.36	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Potassium, Total	1000		mg/kg	230	36.	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Selenium, Total	1.3	J	mg/kg	1.8	0.27	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Silver, Total	0.21	J	mg/kg	0.90	0.18	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Sodium, Total	220		mg/kg	180	27.	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Vanadium, Total	32		mg/kg	0.90	0.09	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH
Zinc, Total	620		mg/kg	4.5	0.63	2	06/01/15 09:34	06/01/15 13:20	EPA 3050B	1,6010C	JH



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
 Client ID: EB13_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 05/30/15 12:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7800		mg/kg	8.5	1.7	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.2	0.68	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Arsenic, Total	4.4		mg/kg	0.85	0.17	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Barium, Total	140		mg/kg	0.85	0.25	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Beryllium, Total	0.30	J	mg/kg	0.42	0.09	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.85	0.06	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Calcium, Total	14000		mg/kg	8.5	2.5	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Chromium, Total	17		mg/kg	0.85	0.17	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Cobalt, Total	5.6		mg/kg	1.7	0.42	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Copper, Total	20		mg/kg	0.85	0.17	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	4.2	1.7	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Lead, Total	130		mg/kg	4.2	0.17	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Magnesium, Total	2800		mg/kg	8.5	0.85	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Manganese, Total	270		mg/kg	0.85	0.17	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Mercury, Total	0.42		mg/kg	0.07	0.02	1	05/31/15 12:31	05/31/15 15:36	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.1	0.34	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Potassium, Total	1300		mg/kg	210	34.	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Selenium, Total	0.53	J	mg/kg	1.7	0.25	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.85	0.17	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Sodium, Total	160	J	mg/kg	170	25.	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.34	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Vanadium, Total	25		mg/kg	0.85	0.09	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH
Zinc, Total	140		mg/kg	4.2	0.59	2	06/01/15 09:34	06/01/15 13:24	EPA 3050B	1,6010C	JH



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
 Client ID: DUP01_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 05/30/15 00:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9800		mg/kg	10	2.0	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.1	0.81	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Arsenic, Total	1.2		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Barium, Total	73		mg/kg	1.0	0.30	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Beryllium, Total	0.42	J	mg/kg	0.51	0.10	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Calcium, Total	1700		mg/kg	10	3.0	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Chromium, Total	25		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Cobalt, Total	8.6		mg/kg	2.0	0.51	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Copper, Total	21		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	5.1	2.0	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	5.1	0.20	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Magnesium, Total	3200		mg/kg	10	1.0	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Manganese, Total	380		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.09	0.02	1	05/31/15 12:31	05/31/15 15:38	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.5	0.40	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Potassium, Total	2000		mg/kg	250	40.	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	2.0	0.30	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	1.0	0.20	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Sodium, Total	450		mg/kg	200	30.	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.40	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Vanadium, Total	33		mg/kg	1.0	0.10	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH
Zinc, Total	50		mg/kg	5.1	0.71	2	06/01/15 09:34	06/01/15 13:27	EPA 3050B	1,6010C	JH



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
 Client ID: MW11_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Water

Date Collected: 05/30/15 16:35
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1.02		mg/l	0.200	0.034	20	06/01/15 11:26	06/01/15 13:29	EPA 3005A	1,6020A	BM
Antimony, Total	0.0015	J	mg/l	0.0020	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Arsenic, Total	0.0010		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Barium, Total	0.1258		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	0.0002	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Cadmium, Total	0.0001	J	mg/l	0.0002	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Calcium, Total	67.0		mg/l	2.00	0.640	20	06/01/15 11:26	06/01/15 13:29	EPA 3005A	1,6020A	BM
Chromium, Total	0.0627		mg/l	0.0010	0.0003	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Cobalt, Total	0.0021		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Copper, Total	0.0073		mg/l	0.0010	0.0003	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Iron, Total	3.09		mg/l	0.050	0.012	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Lead, Total	0.0022		mg/l	0.0010	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Magnesium, Total	29.3		mg/l	0.070	0.022	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Manganese, Total	0.1606		mg/l	0.0005	0.0003	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/01/15 08:59	06/01/15 12:15	EPA 7470A	1,7470A	DB
Nickel, Total	0.0392		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Potassium, Total	5.04		mg/l	0.150	0.019	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Selenium, Total	0.001	J	mg/l	0.005	0.001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Silver, Total	0.0001	J	mg/l	0.0004	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Sodium, Total	51.6		mg/l	4.00	0.322	20	06/01/15 11:26	06/01/15 13:29	EPA 3005A	1,6020A	BM
Thallium, Total	ND		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Vanadium, Total	0.0033	J	mg/l	0.0050	0.0006	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Zinc, Total	0.1238		mg/l	0.0100	0.0026	1	06/01/15 11:26	06/01/15 13:25	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.042		mg/l	0.010	0.002	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Antimony, Dissolved	0.0016	J	mg/l	0.0020	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	0.0005	J	mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Barium, Dissolved	0.1042		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0002	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-07
Client ID: MW11_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN
Matrix: Water

Date Collected: 05/30/15 16:35
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	69.3		mg/l	2.00	0.640	20	06/01/15 12:35	06/01/15 15:47	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.0041		mg/l	0.0010	0.0003	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	0.0004	J	mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Copper, Dissolved	0.0017		mg/l	0.0010	0.0003	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Iron, Dissolved	0.058		mg/l	0.050	0.012	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0010	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	26.2		mg/l	0.070	0.022	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Manganese, Dissolved	0.0669		mg/l	0.0005	0.0003	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/15 09:03	06/01/15 12:28	EPA 7470A	1,7470A	DB
Nickel, Dissolved	0.0075		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Potassium, Dissolved	4.49		mg/l	0.150	0.019	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.005	0.001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Silver, Dissolved	0.0002	J	mg/l	0.0004	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Sodium, Dissolved	62.8		mg/l	4.00	0.322	20	06/01/15 12:35	06/01/15 15:47	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0050	0.0006	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM
Zinc, Dissolved	0.0079	J	mg/l	0.0100	0.0026	1	06/01/15 12:35	06/01/15 15:44	EPA 3005A	1,6020A	BM



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
Client ID: GWDUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN
Matrix: Water

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.952		mg/l	0.200	0.034	20	06/01/15 11:26	06/01/15 13:35	EPA 3005A	1,6020A	BM
Antimony, Total	0.0008	J	mg/l	0.0020	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Arsenic, Total	0.001		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Barium, Total	0.1143		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	0.0002	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Calcium, Total	53.1		mg/l	2.00	0.640	20	06/01/15 11:26	06/01/15 13:35	EPA 3005A	1,6020A	BM
Chromium, Total	0.0411		mg/l	0.0010	0.0003	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Cobalt, Total	0.0014		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Copper, Total	0.0061		mg/l	0.0010	0.0003	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Iron, Total	2.42		mg/l	0.050	0.012	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Lead, Total	0.0017		mg/l	0.0010	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Magnesium, Total	24.3		mg/l	0.070	0.022	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Manganese, Total	0.1300		mg/l	0.0005	0.0003	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/01/15 08:59	06/01/15 12:22	EPA 7470A	1,7470A	DB
Nickel, Total	0.0236		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Potassium, Total	4.50		mg/l	0.150	0.019	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Selenium, Total	0.001	J	mg/l	0.005	0.001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Silver, Total	0.0002	J	mg/l	0.0004	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Sodium, Total	46.6		mg/l	4.00	0.322	20	06/01/15 11:26	06/01/15 13:35	EPA 3005A	1,6020A	BM
Thallium, Total	ND		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Vanadium, Total	0.0023	J	mg/l	0.0050	0.0006	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM
Zinc, Total	0.1436		mg/l	0.0100	0.0026	1	06/01/15 11:26	06/01/15 13:32	EPA 3005A	1,6020A	BM

Dissolved Metals - Westborough Lab

Aluminum, Dissolved	0.022		mg/l	0.010	0.002	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Antimony, Dissolved	0.0009	J	mg/l	0.0020	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	0.0004	J	mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Barium, Dissolved	0.1019		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0002	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-08
Client ID: GWDUP01_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN
Matrix: Water

Date Collected: 05/30/15 00:00
Date Received: 05/30/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	65.9		mg/l	2.00	0.640	20	06/01/15 12:35	06/01/15 15:59	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.0017		mg/l	0.0010	0.0003	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	0.0003	J	mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Copper, Dissolved	0.0059		mg/l	0.0010	0.0003	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Iron, Dissolved	0.037	J	mg/l	0.050	0.012	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Lead, Dissolved	0.0001	J	mg/l	0.0010	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	23.8		mg/l	0.070	0.022	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Manganese, Dissolved	0.0604		mg/l	0.0005	0.0003	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/15 09:03	06/01/15 12:39	EPA 7470A	1,7470A	DB
Nickel, Dissolved	0.0042		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Potassium, Dissolved	4.24		mg/l	0.150	0.019	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.005	0.001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0004	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Sodium, Dissolved	54.2		mg/l	4.00	0.322	20	06/01/15 12:35	06/01/15 15:59	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0050	0.0006	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM
Zinc, Dissolved	0.0058	J	mg/l	0.0100	0.0026	1	06/01/15 12:35	06/01/15 15:56	EPA 3005A	1,6020A	BM



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-09
Client ID: DRUM_053015
Sample Location: 130 ST. FELIX STREET, BROOKLYN
Matrix: Soil

Date Collected: 05/30/15 15:50
Date Received: 05/30/15
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 05/30/15 23:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	06/01/15 14:28	06/01/15 15:51	EPA 3015	1,6010C	JH
Barium, TCLP	0.73		mg/l	0.50	0.03	1	06/01/15 14:28	06/01/15 15:51	EPA 3015	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	06/01/15 14:28	06/01/15 15:51	EPA 3015	1,6010C	JH
Chromium, TCLP	0.08	J	mg/l	0.20	0.02	1	06/01/15 14:28	06/01/15 15:51	EPA 3015	1,6010C	JH
Lead, TCLP	0.03	J	mg/l	0.50	0.02	1	06/01/15 14:28	06/01/15 15:51	EPA 3015	1,6010C	JH
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/01/15 09:08	06/01/15 12:59	EPA 7470A	1,7470A	DB
Selenium, TCLP	ND		mg/l	0.50	0.03	1	06/01/15 14:28	06/01/15 15:51	EPA 3015	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	06/01/15 14:28	06/01/15 15:51	EPA 3015	1,6010C	JH



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-06 Batch: WG789474-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	05/31/15 12:31	05/31/15 15:11	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 07-08 Batch: WG789545-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	06/01/15 08:59	06/01/15 12:11	1,7470A	DB

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 07-08 Batch: WG789546-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00006	1	06/01/15 09:03	06/01/15 12:24	1,7470A	DB

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 09 Batch: WG789551-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0003	1	06/01/15 09:08	06/01/15 12:56	1,7470A	DB

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 05/30/15 23:58



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-06 Batch: WG789581-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.40	0.08	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Calcium, Total	ND		mg/kg	4.0	1.2	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Cobalt, Total	ND		mg/kg	0.80	0.20	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Iron, Total	ND		mg/kg	2.0	0.80	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Magnesium, Total	ND		mg/kg	4.0	0.40	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Potassium, Total	ND		mg/kg	100	16.	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Sodium, Total	ND		mg/kg	80	12.	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Thallium, Total	ND		mg/kg	0.80	0.16	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Vanadium, Total	ND		mg/kg	0.40	0.04	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	06/01/15 09:34	06/01/15 12:24	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 07-08 Batch: WG789582-1										
Aluminum, Dissolved	0.003	J	mg/l	0.010	0.002	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Antimony, Dissolved	0.0007	J	mg/l	0.0020	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Barium, Dissolved	0.0001	J	mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis Batch Quality Control

Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0002	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Calcium, Dissolved	ND		mg/l	0.100	0.032	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Chromium, Dissolved	0.0005	J	mg/l	0.0010	0.0003	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Cobalt, Dissolved	ND		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Copper, Dissolved	ND		mg/l	0.0010	0.0003	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Iron, Dissolved	ND		mg/l	0.050	0.012	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0010	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Magnesium, Dissolved	ND		mg/l	0.070	0.022	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Manganese, Dissolved	ND		mg/l	0.0005	0.0003	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Nickel, Dissolved	0.0002	J	mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Potassium, Dissolved	0.111	J	mg/l	0.150	0.019	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.005	0.001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Silver, Dissolved	0.0005		mg/l	0.0004	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Sodium, Dissolved	0.024	J	mg/l	0.200	0.016	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	0.0001	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0050	0.0006	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM
Zinc, Dissolved	0.0057	J	mg/l	0.0100	0.0026	1	06/01/15 12:35	06/01/15 14:05	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 09 Batch: WG789685-1										
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	06/01/15 14:28	06/01/15 15:43	1,6010C	JH
Barium, TCLP	0.05	J	mg/l	0.50	0.03	1	06/01/15 14:28	06/01/15 15:43	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	06/01/15 14:28	06/01/15 15:43	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	06/01/15 14:28	06/01/15 15:43	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	06/01/15 14:28	06/01/15 15:43	1,6010C	JH
Selenium, TCLP	ND		mg/l	0.50	0.03	1	06/01/15 14:28	06/01/15 15:43	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	06/01/15 14:28	06/01/15 15:43	1,6010C	JH

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 05/30/15 23:58



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 07-08 Batch: WG789724-1										
Aluminum, Total	ND		mg/l	0.010	0.002	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Antimony, Total	0.0004	J	mg/l	0.0020	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Barium, Total	ND		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	0.0002	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Calcium, Total	ND		mg/l	0.100	0.032	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Chromium, Total	ND		mg/l	0.0010	0.0003	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Cobalt, Total	ND		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Copper, Total	ND		mg/l	0.0010	0.0003	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Iron, Total	ND		mg/l	0.050	0.012	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Lead, Total	ND		mg/l	0.0010	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Magnesium, Total	ND		mg/l	0.070	0.022	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Manganese, Total	ND		mg/l	0.0005	0.0003	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Nickel, Total	0.0002	J	mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Potassium, Total	0.035	J	mg/l	0.150	0.019	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Selenium, Total	ND		mg/l	0.005	0.001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Silver, Total	ND		mg/l	0.0004	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Sodium, Total	ND		mg/l	0.200	0.016	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Thallium, Total	ND		mg/l	0.0005	0.0001	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Vanadium, Total	ND		mg/l	0.0050	0.0006	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM
Zinc, Total	ND		mg/l	0.0100	0.0026	1	06/01/15 11:26	06/01/15 13:19	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG789474-2 SRM Lot Number: D088-540								
Mercury, Total	105		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG789545-2								
Mercury, Total	107		-		80-120	-		
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG789546-2								
Mercury, Dissolved	90		-		70-130	-		
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 09 Batch: WG789551-2								
Mercury, TCLP	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG789581-2 SRM Lot Number: D088-540					
Aluminum, Total	80	-	48-151	-	
Antimony, Total	187	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	88	-	83-117	-	
Beryllium, Total	91	-	83-117	-	
Cadmium, Total	93	-	83-117	-	
Calcium, Total	89	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	89	-	45-155	-	
Lead, Total	82	-	81-117	-	
Magnesium, Total	88	-	76-124	-	
Manganese, Total	88	-	81-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	89	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	93	-	75-124	-	
Sodium, Total	90	-	72-127	-	
Thallium, Total	90	-	80-120	-	
Vanadium, Total	92	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG789581-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG789582-2					
Aluminum, Dissolved	108	-	80-120	-	
Antimony, Dissolved	103	-	80-120	-	
Arsenic, Dissolved	93	-	80-120	-	
Barium, Dissolved	98	-	80-120	-	
Beryllium, Dissolved	102	-	80-120	-	
Cadmium, Dissolved	116	-	80-120	-	
Calcium, Dissolved	99	-	80-120	-	
Chromium, Dissolved	98	-	80-120	-	
Cobalt, Dissolved	95	-	80-120	-	
Copper, Dissolved	86	-	80-120	-	
Iron, Dissolved	96	-	80-120	-	
Lead, Dissolved	98	-	80-120	-	
Magnesium, Dissolved	114	-	80-120	-	
Manganese, Dissolved	93	-	80-120	-	
Nickel, Dissolved	91	-	80-120	-	
Potassium, Dissolved	110	-	80-120	-	
Selenium, Dissolved	97	-	80-120	-	
Silver, Dissolved	90	-	80-120	-	
Sodium, Dissolved	111	-	80-120	-	
Thallium, Dissolved	92	-	80-120	-	
Vanadium, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG789582-2					
Zinc, Dissolved	93	-	80-120	-	
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 09 Batch: WG789685-2					
Arsenic, TCLP	108	-	75-125	-	20
Barium, TCLP	100	-	75-125	-	20
Cadmium, TCLP	118	-	75-125	-	20
Chromium, TCLP	95	-	75-125	-	20
Lead, TCLP	100	-	75-125	-	20
Selenium, TCLP	108	-	75-125	-	20
Silver, TCLP	98	-	75-125	-	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG789724-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	95	-	80-120	-	
Barium, Total	92	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	109	-	80-120	-	
Calcium, Total	95	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	93	-	80-120	-	
Iron, Total	94	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	106	-	80-120	-	
Manganese, Total	93	-	80-120	-	
Nickel, Total	95	-	80-120	-	
Potassium, Total	105	-	80-120	-	
Selenium, Total	107	-	80-120	-	
Silver, Total	86	-	80-120	-	
Sodium, Total	98	-	80-120	-	
Thallium, Total	92	-	80-120	-	
Vanadium, Total	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG789724-2					
Zinc, Total	97	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789474-4 QC Sample: L1511932-01 Client ID: EB07_10-12												
Mercury, Total	ND	0.19	0.24	126	Q	-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789545-4 QC Sample: L1511932-07 Client ID: MW11_053015												
Mercury, Total	ND	0.005	0.00488	98		-	-		75-125	-		20
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789546-4 QC Sample: L1511932-07 Client ID: MW11_053015												
Mercury, Dissolved	ND	0.005	0.00499	100		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 09 QC Batch ID: WG789551-4 QC Sample: L1511932-09 Client ID: DRUM_053015												
Mercury, TCLP	ND	0.025	0.0262	105		-	-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789581-4 QC Sample: L1511932-01 Client ID: EB07_10-12									
Aluminum, Total	7100	200	7400	150	Q	-	75-125	-	20
Antimony, Total	ND	49.9	40	80		-	75-125	-	20
Arsenic, Total	1.1	12	11	83		-	75-125	-	20
Barium, Total	53.	200	210	79		-	75-125	-	20
Beryllium, Total	0.31J	4.99	4.2	84		-	75-125	-	20
Cadmium, Total	ND	5.09	4.0	78		-	75-125	-	20
Calcium, Total	1300	998	2000	70	Q	-	75-125	-	20
Chromium, Total	18.	20	32	70	Q	-	75-125	-	20
Cobalt, Total	6.6	49.9	45	77		-	75-125	-	20
Copper, Total	16.	25	35	76		-	75-125	-	20
Iron, Total	15000	99.8	14000	0	Q	-	75-125	-	20
Lead, Total	ND	50.9	39	76		-	75-125	-	20
Magnesium, Total	2400	998	3100	70	Q	-	75-125	-	20
Manganese, Total	370	49.9	380	20	Q	-	75-125	-	20
Nickel, Total	15.	49.9	51	72	Q	-	75-125	-	20
Potassium, Total	1300	998	2100	80		-	75-125	-	20
Selenium, Total	ND	12	9.9	83		-	75-125	-	20
Silver, Total	ND	30	25	83		-	75-125	-	20
Sodium, Total	270	998	1100	83		-	75-125	-	20
Thallium, Total	ND	12	7.9	66	Q	-	75-125	-	20
Vanadium, Total	24.	49.9	63	78		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789581-4 QC Sample: L1511932-01 Client ID: EB07_10-12									
Zinc, Total	34.	49.9	70	72	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789582-4 QC Sample: L1511932-07 Client ID: MW11_053015									
Aluminum, Dissolved	0.042	2	1.88	92	-	-	75-125	-	20
Antimony, Dissolved	0.0016J	0.5	0.4908	98	-	-	75-125	-	20
Arsenic, Dissolved	0.0005J	0.12	0.1158	96	-	-	75-125	-	20
Barium, Dissolved	0.1042	2	1.960	93	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.0463	93	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.0533	104	-	-	75-125	-	20
Calcium, Dissolved	69.3	10	63.6	0	Q	-	75-125	-	20
Chromium, Dissolved	0.0041	0.2	0.1702	83	-	-	75-125	-	20
Cobalt, Dissolved	0.0004J	0.5	0.4692	94	-	-	75-125	-	20
Copper, Dissolved	0.0017	0.25	0.2295	91	-	-	75-125	-	20
Iron, Dissolved	0.058	1	0.811	75	-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.4991	98	-	-	75-125	-	20
Magnesium, Dissolved	26.2	10	34.0	78	-	-	75-125	-	20
Manganese, Dissolved	0.0669	0.5	0.5084	88	-	-	75-125	-	20
Nickel, Dissolved	0.0075	0.5	0.4526	89	-	-	75-125	-	20
Potassium, Dissolved	4.49	10	16.6	121	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.137	114	-	-	75-125	-	20
Silver, Dissolved	0.0002J	0.05	0.0291	58	Q	-	75-125	-	20
Sodium, Dissolved	62.8	10	61.3	0	Q	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1121	93	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4808	96	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789582-4 QC Sample: L1511932-07 Client ID: MW11_053015									
Zinc, Dissolved	0.0079J	0.5	0.4756	95	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 09 QC Batch ID: WG789685-4 QC Sample: L1511932-09 Client ID: DRUM_053015									
Arsenic, TCLP	ND	1.2	1.3	108	-	-	75-125	-	20
Barium, TCLP	0.73	20	21	101	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.61	120	-	-	75-125	-	20
Chromium, TCLP	0.08J	2	2.0	100	-	-	75-125	-	20
Lead, TCLP	0.03J	5.1	5.2	102	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.4	117	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.51	102	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789724-4 QC Sample: L1511932-07 Client ID: MW11_053015									
Aluminum, Total	1.02	2	3.13	106	-	-	75-125	-	20
Antimony, Total	0.0015J	0.5	0.5020	100	-	-	75-125	-	20
Arsenic, Total	0.0010	0.12	0.1054	87	-	-	75-125	-	20
Barium, Total	0.1258	2	1.988	93	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0476	95	-	-	75-125	-	20
Cadmium, Total	0.0001J	0.051	0.0597	117	-	-	75-125	-	20
Calcium, Total	67.0	10	73.1	61	Q	-	75-125	-	20
Chromium, Total	0.0627	0.2	0.2314	84	-	-	75-125	-	20
Cobalt, Total	0.0021	0.5	0.4826	96	-	-	75-125	-	20
Copper, Total	0.0073	0.25	0.2481	96	-	-	75-125	-	20
Iron, Total	3.09	1	2.99	0	Q	-	75-125	-	20
Lead, Total	0.0022	0.51	0.5188	101	-	-	75-125	-	20
Magnesium, Total	29.3	10	30.6	13	Q	-	75-125	-	20
Manganese, Total	0.1606	0.5	0.6072	89	-	-	75-125	-	20
Nickel, Total	0.0392	0.5	0.5101	94	-	-	75-125	-	20
Potassium, Total	5.04	10	15.1	101	-	-	75-125	-	20
Selenium, Total	0.001J	0.12	0.102	85	-	-	75-125	-	20
Silver, Total	0.0001J	0.05	0.0335	67	Q	-	75-125	-	20
Sodium, Total	51.6	10	58.0	64	Q	-	75-125	-	20
Thallium, Total	ND	0.12	0.1106	92	-	-	75-125	-	20
Vanadium, Total	0.0033J	0.5	0.5385	108	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789724-4 QC Sample: L1511932-07 Client ID: MW11_053015									
Zinc, Total	0.1238	0.5	0.5362	82	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789474-3 QC Sample: L1511932-01 Client ID: EB07_10-12						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789545-3 QC Sample: L1511932-07 Client ID: MW11_053015						
Mercury, Total	ND	ND	mg/l	NC		20
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789546-3 QC Sample: L1511932-07 Client ID: MW11_053015						
Mercury, Dissolved	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 09 QC Batch ID: WG789551-3 QC Sample: L1511932-09 Client ID: DRUM_053015						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789581-3 QC Sample: L1511932-01 Client ID: EB07_10-12					
Aluminum, Total	7100	7100	mg/kg	0	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	1.1	1.1	mg/kg	0	20
Barium, Total	53.	53	mg/kg	0	20
Beryllium, Total	0.31J	0.32J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	1300	1300	mg/kg	0	20
Chromium, Total	18.	17	mg/kg	6	20
Cobalt, Total	6.6	6.8	mg/kg	3	20
Copper, Total	16.	15	mg/kg	6	20
Iron, Total	15000	14000	mg/kg	7	20
Lead, Total	ND	ND	mg/kg	NC	20
Magnesium, Total	2400	2400	mg/kg	0	20
Manganese, Total	370	380	mg/kg	3	20
Nickel, Total	15.	14	mg/kg	7	20
Potassium, Total	1300	1300	mg/kg	0	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	270	270	mg/kg	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789581-3 QC Sample: L1511932-01 Client ID: EB07_10-12					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	24.	24	mg/kg	0	20
Zinc, Total	34.	33	mg/kg	3	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789582-3 QC Sample: L1511932-07 Client ID: MW11_053015					
Aluminum, Dissolved	0.042	0.051	mg/l	19	20
Antimony, Dissolved	0.0016J	0.0010J	mg/l	NC	20
Arsenic, Dissolved	0.0005J	0.0003J	mg/l	NC	20
Barium, Dissolved	0.1042	0.1037	mg/l	0	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Chromium, Dissolved	0.0041	0.0042	mg/l	2	20
Cobalt, Dissolved	0.0004J	0.0003J	mg/l	NC	20
Copper, Dissolved	0.0017	0.0009J	mg/l	NC	20
Iron, Dissolved	0.058	0.062	mg/l	6	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	26.2	25.1	mg/l	4	20
Manganese, Dissolved	0.0669	0.0682	mg/l	2	20
Nickel, Dissolved	0.0075	0.0074	mg/l	1	20
Potassium, Dissolved	4.49	4.52	mg/l	1	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	0.0002J	0.0001J	mg/l	NC	20
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	0.0007J	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789582-3 QC Sample: L1511932-07 Client ID: MW11_053015					
Zinc, Dissolved	0.0079J	0.0070J	mg/l	NC	20
Dissolved Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789582-3 QC Sample: L1511932-07 Client ID: MW11_053015					
Calcium, Dissolved	69.3	69.9	mg/l	1	20
Sodium, Dissolved	62.8	65.4	mg/l	4	20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 09 QC Batch ID: WG789685-3 QC Sample: L1511932-09 Client ID: DRUM_053015					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.73	0.70	mg/l	4	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	0.08J	0.08J	mg/l	NC	20
Lead, TCLP	0.03J	0.02J	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789724-3 QC Sample: L1511932-07 Client ID: MW11_053015					
Aluminum, Total	1.02	1.07	mg/l	5	20
Calcium, Total	67.0	68.4	mg/l	2	20
Sodium, Total	51.6	57.4	mg/l	11	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG789724-3 QC Sample: L1511932-07 Client ID: MW11_053015					
Antimony, Total	0.0015J	0.0010J	mg/l	NC	20
Arsenic, Total	0.0010	0.0007	mg/l	25 Q	20
Barium, Total	0.1258	0.1190	mg/l	6	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	0.0001J	0.0001J	mg/l	NC	20
Chromium, Total	0.0627	0.0373	mg/l	51 Q	20
Cobalt, Total	0.0021	0.0014	mg/l	43 Q	20
Copper, Total	0.0073	0.0066	mg/l	10	20
Iron, Total	3.09	2.31	mg/l	29 Q	20
Lead, Total	0.0022	0.0017	mg/l	24 Q	20
Magnesium, Total	29.3	27.5	mg/l	6	20
Manganese, Total	0.1606	0.1395	mg/l	14	20
Nickel, Total	0.0392	0.0227	mg/l	53 Q	20
Potassium, Total	5.04	4.98	mg/l	1	20
Selenium, Total	0.001J	0.001J	mg/l	NC	20
Silver, Total	0.0001J	0.0003J	mg/l	NC	20
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	0.0033J	0.0023J	mg/l	NC	20
Zinc, Total	0.1238	0.1178	mg/l	5	20

INORGANICS & MISCELLANEOUS

Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-01
 Client ID: EB07_10-12
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil

Date Collected: 05/30/15 14:40
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	17	J	mg/kg	1.0	1.0	1	-	06/01/15 12:32	107,-	
Solids, Total	77.4		%	0.100	NA	1	-	05/30/15 22:37	30,2540G	MR
Cyanide, Total	ND		mg/kg	1.2	0.28	1	05/31/15 16:50	06/01/15 10:00	1,9010C/9012B	ML
Chromium, Hexavalent	0.58	J	mg/kg	1.0	0.21	1	05/31/15 13:15	06/01/15 10:50	1,7196A	JT



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-02
 Client ID: EB09_4.5-5.5
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil

Date Collected: 05/30/15 13:25
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	23	J	mg/kg	1.1	1.1	1	-	06/01/15 13:12	107,-	
Solids, Total	70.4		%	0.100	NA	1	-	05/30/15 22:37	30,2540G	MR
Cyanide, Total	0.62	J	mg/kg	1.3	0.31	1	05/31/15 16:50	06/01/15 10:01	1,9010C/9012B	ML
Chromium, Hexavalent	0.96	J	mg/kg	1.1	0.23	1	05/31/15 13:15	06/01/15 10:51	1,7196A	JT



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-03
 Client ID: EB10_1-2
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil

Date Collected: 05/30/15 10:35
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	16	J	mg/kg	0.89	0.89	1	-	06/01/15 13:16	107,-	
Solids, Total	89.8		%	0.100	NA	1	-	05/30/15 22:37	30,2540G	MR
Cyanide, Total	ND		mg/kg	1.1	0.25	1	05/31/15 16:50	06/01/15 10:02	1,9010C/9012B	ML
Chromium, Hexavalent	0.31	J	mg/kg	0.89	0.18	1	05/31/15 13:15	06/01/15 10:52	1,7196A	JT



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-04
 Client ID: EB12_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil

Date Collected: 05/30/15 12:40
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	32	J	mg/kg	0.95	0.95	1	-	06/01/15 13:20	107,-	
Solids, Total	84.3		%	0.100	NA	1	-	05/30/15 22:37	30,2540G	MR
Cyanide, Total	0.75	J	mg/kg	1.1	0.26	1	05/31/15 16:50	06/01/15 10:03	1,9010C/9012B	ML
Chromium, Hexavalent	0.33	J	mg/kg	0.95	0.19	1	05/31/15 13:15	06/01/15 10:53	1,7196A	JT



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-05
 Client ID: EB13_7-9
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil

Date Collected: 05/30/15 12:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	17	J	mg/kg	0.89	0.89	1	-	06/01/15 13:24	107,-	
Solids, Total	89.5		%	0.100	NA	1	-	05/30/15 22:37	30,2540G	MR
Cyanide, Total	ND		mg/kg	1.0	0.24	1	05/31/15 16:50	06/01/15 10:05	1,9010C/9012B	ML
Chromium, Hexavalent	0.30	J	mg/kg	0.89	0.18	1	05/31/15 13:15	06/01/15 10:54	1,7196A	JT



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

SAMPLE RESULTS

Lab ID: L1511932-06
 Client ID: DUP01_053015
 Sample Location: 130 ST. FELIX STREET, BROOKLYN
 Matrix: Soil

Date Collected: 05/30/15 00:00
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	24	J	mg/kg	1.1	1.1	1	-	06/01/15 13:27	107,-	
Solids, Total	74.9		%	0.100	NA	1	-	05/30/15 22:37	30,2540G	MR
Cyanide, Total	ND		mg/kg	1.3	0.30	1	05/31/15 16:50	06/01/15 10:06	1,9010C/9012B	ML
Chromium, Hexavalent	0.53	J	mg/kg	1.1	0.21	1	05/31/15 13:15	06/01/15 10:56	1,7196A	JT



Project Name: 130 ST. FELIX STREET

Lab Number: L1511932

Project Number: 170366001

Report Date: 06/01/15

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG789475-1									
Chromium, Hexavalent	ND	mg/kg	0.80	0.16	1	05/31/15 13:15	06/01/15 10:48	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG789504-1									
Cyanide, Total	ND	mg/kg	0.97	0.23	1	05/31/15 16:50	06/01/15 09:52	1,9010C/9012B	ML



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG789475-2								
Chromium, Hexavalent	84		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG789504-2 WG789504-3								
Cyanide, Total	114		108		80-120	3		35

Matrix Spike Analysis Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789475-5 QC Sample: L1511932-05 Client ID: EB13_7-9												
Chromium, Hexavalent	0.30J	1110	1000	90		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789504-4 WG789504-5 QC Sample: L1511932-04 Client ID: EB12_7-9												
Cyanide, Total	0.75J	12	13	100		12	97		65-135	8		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789435-1 QC Sample: L1511932-01 Client ID: EB07_10-12						
Solids, Total	77.4	77.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG789475-4 QC Sample: L1511932-05 Client ID: EB13_7-9						
Chromium, Hexavalent	0.30J	0.38J	mg/kg	NC		20

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 05/30/2015 21:57

Cooler Information Custody Seal

Cooler

A Absent
 B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1511932-01A	Vial MeOH preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-01B	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-01C	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-01D	Plastic 2oz unpreserved for TS	A	N/A	3.9	Y	Absent	TS(7)
L1511932-01E	Glass 500ml/16oz unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1511932-02A	Vial MeOH preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-02B	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-02C	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-02D	Plastic 2oz unpreserved for TS	A	N/A	3.9	Y	Absent	TS(7)
L1511932-02E	Glass 500ml/16oz unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1511932-03A	Vial MeOH preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-03B	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-03C	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-03D	Plastic 2oz unpreserved for TS	A	N/A	3.9	Y	Absent	TS(7)
L1511932-03E	Glass 500ml/16oz unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1511932-04A	Vial MeOH preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-04B	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-04C	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-04D	Plastic 2oz unpreserved for TS	A	N/A	3.9	Y	Absent	TS(7)
L1511932-04E	Glass 500ml/16oz unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1511932-05A	Vial MeOH preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-05B	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-05C	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-05D	Plastic 2oz unpreserved for TS	A	N/A	3.9	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days



Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1511932-05E	Glass 500ml/16oz unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1511932-06A	Vial MeOH preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-06B	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-06C	Vial water preserved	A	N/A	3.9	Y	Absent	NYTCL-8260HLW(14)
L1511932-06D	Plastic 2oz unpreserved for TS	A	N/A	3.9	Y	Absent	TS(7)
L1511932-06E	Glass 500ml/16oz unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1511932-07A	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1511932-07B	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1511932-07C	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1511932-07D	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1511932-07E	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1511932-07F	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)
L1511932-07G	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)

*Values in parentheses indicate holding time in days



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1511932-07H	Plastic 500ml HNO3 preserved	B	<2	3.2	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1511932-07I	Glass 500ml/16oz unpreserved	B	7	3.2	Y	Absent	-
L1511932-07X	Plastic 120ml HNO3 preserved spl	B	<2	3.2	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1511932-08A	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1511932-08B	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1511932-08C	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1511932-08D	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1511932-08E	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1511932-08F	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)
L1511932-08G	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)
L1511932-08H	Plastic 500ml HNO3 preserved	B	<2	3.2	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1511932-08I	Glass 500ml/16oz unpreserved	B	7	3.2	Y	Absent	-

*Values in parentheses indicate holding time in days



Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511932

Report Date: 06/01/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1511932-08X	Plastic 120ml HNO3 preserved spl	B	<2	3.2	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1511932-09A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	-
L1511932-09X	Plastic 120ml HNO3 preserved spl	B	<2	3.2	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1511932-09X9	Tumble Vessel	B	N/A	3.2	Y	Absent	-

*Values in parentheses indicate holding time in days



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511932
Report Date: 06/01/15

GLOSSARY

Acronyms

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).
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.
LCS D	- 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.
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.
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.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.

Footnotes

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

Terms

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.

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.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 130 ST. FELIX STREET
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Data Qualifiers

- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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 Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: 130 ST. FELIX STREET
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

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

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: 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**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



ANALYTICAL REPORT

Lab Number:	L1511934
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Joe Good
Phone:	(212) 479-5448
Project Name:	130 ST. FELIX STREET
Project Number:	170366001
Report Date:	06/02/15

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Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1511934-01	SV01	SOIL_VAPOR	BROOKLYN, NY	05/30/15 11:30	05/30/15
L1511934-02	SV02	SOIL_VAPOR	BROOKLYN, NY	05/30/15 11:51	05/30/15
L1511934-03	SV03	SOIL_VAPOR	BROOKLYN, NY	05/30/15 14:31	05/30/15
L1511934-04	AMB_053015	AIR	BROOKLYN, NY	05/30/15 13:58	05/30/15

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Case Narrative (continued)

Volatile Organics in Air


Canisters were released from the laboratory on May 29, 2015. The canister certification results are provided as an addendum.

Samples L1511934-01 and -02 results for Acetone should be considered estimated due to co-elution with a non-target peak.

Sample L1511934-01 The presence of 2,2,4-Triethylpentane could not be determined in this sample due to a non-target compound interfering with the identification and quantification of this compound.

Samples L1511934-01 and -02 elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/02/15

AIR

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-01 D
 Client ID: SV01
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/01/15 22:23
 Analyst: MB

Date Collected: 05/30/15 11:30
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	0.708	0.500	--	1.57	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	14.6	6.25	--	27.5	11.8	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	34.5	2.50	--	82.0	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	3.42	1.25	--	8.41	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Tertiary butyl Alcohol	8.00	1.25	--	24.3	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	142	0.500	--	442	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	3.98	1.25	--	11.7	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-01 D
 Client ID: SV01
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/15 11:30
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.500	--	ND	2.44	--		2.5
Tetrahydrofuran	ND	1.25	--	ND	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	3.95	0.500	--	13.9	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	1.36	0.500	--	4.34	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	4.00	0.500	--	13.8	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	2.14	0.500	--	8.77	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	1.38	1.25	--	5.66	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	11.5	0.500	--	43.3	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	ND	0.500	--	ND	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	3.95	0.500	--	17.2	2.17	--		2.5
p/m-Xylene	18.8	1.00	--	81.7	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	9.05	0.500	--	38.5	2.13	--		2.5



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-01 D
 Client ID: SV01
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/15 11:30
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	8.62	0.500	--	37.4	2.17	--		2.5
4-Ethyltoluene	3.26	0.500	--	16.0	2.46	--		2.5
1,3,5-Trimethylbenzene	4.89	0.500	--	24.0	2.46	--		2.5
1,2,4-Trimethylbenzene	17.6	0.500	--	86.5	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	86		60-140



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-02 D
 Client ID: SV02
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/01/15 22:55
 Analyst: MB

Date Collected: 05/30/15 11:51
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--		3.333
Chloromethane	ND	0.667	--	ND	1.38	--		3.333
Freon-114	ND	0.667	--	ND	4.66	--		3.333
Vinyl chloride	ND	0.667	--	ND	1.71	--		3.333
1,3-Butadiene	1.08	0.667	--	2.39	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	ND	0.667	--	ND	1.76	--		3.333
Ethanol	36.9	8.33	--	69.5	15.7	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	64.1	3.33	--	152	7.91	--		3.333
Trichlorofluoromethane	ND	0.667	--	ND	3.75	--		3.333
Isopropanol	5.72	1.67	--	14.1	4.10	--		3.333
1,1-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
Tertiary butyl Alcohol	8.42	1.67	--	25.5	5.06	--		3.333
Methylene chloride	ND	1.67	--	ND	5.80	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	218	0.667	--	679	2.08	--		3.333
Freon-113	ND	0.667	--	ND	5.11	--		3.333
trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
1,1-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
Methyl tert butyl ether	ND	0.667	--	ND	2.40	--		3.333
2-Butanone	12.8	1.67	--	37.8	4.93	--		3.333
cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-02 D
 Client ID: SV02
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/15 11:51
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.667	--	ND	3.26	--		3.333
Tetrahydrofuran	6.84	1.67	--	20.2	4.93	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	14.0	0.667	--	49.3	2.35	--		3.333
1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Benzene	1.47	0.667	--	4.70	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	2.25	0.667	--	7.74	2.30	--		3.333
1,2-Dichloropropane	ND	0.667	--	ND	3.08	--		3.333
Bromodichloromethane	ND	0.667	--	ND	4.47	--		3.333
1,4-Dioxane	ND	0.667	--	ND	2.40	--		3.333
Trichloroethene	ND	0.667	--	ND	3.58	--		3.333
2,2,4-Trimethylpentane	2.10	0.667	--	9.81	3.12	--		3.333
Heptane	5.48	0.667	--	22.5	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	3.77	1.67	--	15.5	6.84	--		3.333
trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Toluene	11.1	0.667	--	41.8	2.51	--		3.333
2-Hexanone	ND	0.667	--	ND	2.73	--		3.333
Dibromochloromethane	ND	0.667	--	ND	5.68	--		3.333
1,2-Dibromoethane	ND	0.667	--	ND	5.13	--		3.333
Tetrachloroethene	1.16	0.667	--	7.87	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	4.85	0.667	--	21.1	2.90	--		3.333
p/m-Xylene	21.4	1.33	--	93.0	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333
Styrene	8.30	0.667	--	35.3	2.84	--		3.333



Project Name: 130 ST. FELIX STREET**Lab Number:** L1511934**Project Number:** 170366001**Report Date:** 06/02/15**SAMPLE RESULTS**

Lab ID: L1511934-02 D

Date Collected: 05/30/15 11:51

Client ID: SV02

Date Received: 05/30/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	10.1	0.667	--	43.9	2.90	--		3.333
4-Ethyltoluene	3.21	0.667	--	15.8	3.28	--		3.333
1,3,5-Trimethylbenzene	4.80	0.667	--	23.6	3.28	--		3.333
1,2,4-Trimethylbenzene	16.3	0.667	--	80.1	3.28	--		3.333
Benzyl chloride	ND	0.667	--	ND	3.45	--		3.333
1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--		3.333
Hexachlorobutadiene	ND	0.667	--	ND	7.11	--		3.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	85		60-140



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-03
 Client ID: SV03
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/01/15 23:30
 Analyst: MB

Date Collected: 05/30/15 14:31
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.340	0.200	--	1.68	0.989	--		1
Chloromethane	0.570	0.200	--	1.18	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	87.3	2.50	--	164	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	57.7	1.00	--	137	2.38	--		1
Trichlorofluoromethane	0.276	0.200	--	1.55	1.12	--		1
Isopropanol	11.5	0.500	--	28.3	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	19.5	0.500	--	59.1	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	4.92	0.200	--	15.3	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.24	0.500	--	6.61	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-03
 Client ID: SV03
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/15 14:31
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	0.209	0.200	--	1.02	0.977	--		1
Tetrahydrofuran	0.601	0.500	--	1.77	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.843	0.200	--	2.97	0.705	--		1
1,1,1-Trichloroethane	0.239	0.200	--	1.30	1.09	--		1
Benzene	0.721	0.200	--	2.30	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.590	0.200	--	2.03	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.58	0.200	--	7.38	0.934	--		1
Heptane	1.06	0.200	--	4.34	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	7.22	0.200	--	27.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.448	0.200	--	3.04	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.75	0.200	--	11.9	0.869	--		1
p/m-Xylene	12.2	0.400	--	53.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	5.74	0.200	--	24.4	0.852	--		1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-03
 Client ID: SV03
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/15 14:31
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	6.02	0.200	--	26.1	0.869	--		1
4-Ethyltoluene	2.39	0.200	--	11.7	0.983	--		1
1,3,5-Trimethylbenzene	3.26	0.200	--	16.0	0.983	--		1
1,2,4-Trimethylbenzene	13.1	0.200	--	64.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.765	0.200	--	4.60	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	81		60-140



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-04
 Client ID: AMB_053015
 Sample Location: BROOKLYN, NY
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/01/15 16:20
 Analyst: MB

Date Collected: 05/30/15 13:58
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.212	0.200	--	1.05	0.989	--		1
Chloromethane	0.636	0.200	--	1.31	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.84	2.50	--	12.9	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.70	1.00	--	13.5	2.38	--		1
Trichlorofluoromethane	0.434	0.200	--	2.44	1.12	--		1
Isopropanol	0.804	0.500	--	1.98	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-04
 Client ID: AMB_053015
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/15 13:58
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.237	0.200	--	0.835	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.19	0.200	--	5.56	0.934	--		1
Heptane	0.257	0.200	--	1.05	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.09	0.200	--	4.11	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.648	0.400	--	2.81	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

SAMPLE RESULTS

Lab ID: L1511934-04
 Client ID: AMB_053015
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/15 13:58
 Date Received: 05/30/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.244	0.200	--	1.06	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.276	0.200	--	1.36	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	82		60-140
chlorobenzene-d5	68		60-140



Project Name: 130 ST. FELIX STREET

Lab Number: L1511934

Project Number: 170366001

Report Date: 06/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/01/15 13:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG789684-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511934

Project Number: 170366001

Report Date: 06/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/01/15 13:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG789684-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1



Project Name: 130 ST. FELIX STREET

Lab Number: L1511934

Project Number: 170366001

Report Date: 06/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/01/15 13:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG789684-4								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG789684-3								
Chlorodifluoromethane	88		-		70-130	-		
Propylene	93		-		70-130	-		
Dichlorodifluoromethane	76		-		70-130	-		
Chloromethane	94		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104		-		70-130	-		
Methanol	79		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Butane	89		-		70-130	-		
Bromomethane	102		-		70-130	-		
Chloroethane	92		-		70-130	-		
Ethyl Alcohol	90		-		70-130	-		
Dichlorofluoromethane	90		-		70-130	-		
Vinyl bromide	103		-		70-130	-		
Acrolein	96		-		70-130	-		
Acetone	100		-		70-130	-		
Acetonitrile	87		-		70-130	-		
Trichlorofluoromethane	104		-		70-130	-		
iso-Propyl Alcohol	101		-		70-130	-		
Acrylonitrile	89		-		70-130	-		
Pentane	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG789684-3								
Ethyl ether	83		-		70-130	-		
1,1-Dichloroethene	93		-		70-130	-		
tert-Butyl Alcohol	97		-		70-130	-		
Methylene chloride	97		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	99		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	105		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
Vinyl acetate	174	Q	-		70-130	-		
2-Butanone	95		-		70-130	-		
cis-1,2-Dichloroethene	110		-		70-130	-		
Ethyl Acetate	100		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
2,2-Dichloropropane	96		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	87		-		70-130	-		
Isopropyl Ether	82		-		70-130	-		
Ethyl-Tert-Butyl-Ether	86		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG789684-3								
1,1,1-Trichloroethane	96		-		70-130	-		
1,1-Dichloropropene	90		-		70-130	-		
Benzene	92		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	86		-		70-130	-		
Tertiary-Amyl Methyl Ether	86		-		70-130	-		
Dibromomethane	86		-		70-130	-		
1,2-Dichloropropane	92		-		70-130	-		
Bromodichloromethane	95		-		70-130	-		
1,4-Dioxane	90		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	89		-		70-130	-		
Methyl Methacrylate	86		-		70-130	-		
Heptane	84		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	86		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	100		-		70-130	-		
1,3-Dichloropropane	93		-		70-130	-		
2-Hexanone	100		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG789684-3								
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	107		-		70-130	-		
Butyl Acetate	87		-		70-130	-		
Octane	92		-		70-130	-		
Tetrachloroethene	108		-		70-130	-		
1,1,1,2-Tetrachloroethane	100		-		70-130	-		
Chlorobenzene	108		-		70-130	-		
Ethylbenzene	104		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	107		-		70-130	-		
1,1,2,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	105		-		70-130	-		
1,2,3-Trichloropropane	98		-		70-130	-		
Nonane (C9)	91		-		70-130	-		
Isopropylbenzene	103		-		70-130	-		
Bromobenzene	97		-		70-130	-		
o-Chlorotoluene	102		-		70-130	-		
n-Propylbenzene	104		-		70-130	-		
p-Chlorotoluene	101		-		70-130	-		
4-Ethyltoluene	101		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511934

Report Date: 06/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG789684-3								
1,3,5-Trimethylbenzene	105		-		70-130	-		
tert-Butylbenzene	104		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Decane (C10)	99		-		70-130	-		
Benzyl chloride	112		-		70-130	-		
1,3-Dichlorobenzene	117		-		70-130	-		
1,4-Dichlorobenzene	117		-		70-130	-		
sec-Butylbenzene	103		-		70-130	-		
p-Isopropyltoluene	98		-		70-130	-		
1,2-Dichlorobenzene	114		-		70-130	-		
n-Butylbenzene	107		-		70-130	-		
1,2-Dibromo-3-chloropropane	104		-		70-130	-		
Undecane	102		-		70-130	-		
Dodecane (C12)	118		-		70-130	-		
1,2,4-Trichlorobenzene	127		-		70-130	-		
Naphthalene	118		-		70-130	-		
1,2,3-Trichlorobenzene	119		-		70-130	-		
Hexachlorobutadiene	115		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG789684-5 QC Sample: L1511634-01 Client ID: DUP Sample						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	33.8	32.3	ppbV	5		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	37.4	35.6	ppbV	5		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
iso-Propyl Alcohol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG789684-5 QC Sample: L1511634-01 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
2-Butanone	3.33	3.28	ppbV	2	25
cis-1,2-Dichloroethene	5.08	4.92	ppbV	3	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	4.32	4.22	ppbV	2	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	5.97	5.77	ppbV	3	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511934

Report Date: 06/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG789684-5 QC Sample: L1511634-01 Client ID: DUP Sample					
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	0.743	0.800	ppbV	7	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	208	213	ppbV	2	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	1.47	1.55	ppbV	5	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 130 ST. FELIX STREET

Project Number: 170366001

Lab Number: L1511934

Report Date: 06/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG789684-5 QC Sample: L1511634-01 Client ID: DUP Sample					
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 130 ST. FELIX STREET

Serial_No:06021513:01
Lab Number: L1511934

Project Number: 170366001

Report Date: 06/02/15

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1511934-01	SV01	0150	#30 SV	05/29/15	204492		-	-	-	Pass	17.8	17.9	1
L1511934-01	SV01	2042	2.7L Can	05/29/15	204492	L1510674-01	Pass	-29.8	-5.4	-	-	-	-
L1511934-02	SV02	0002	#16 AMB	05/29/15	204492		-	-	-	Pass	17.9	21.8	20
L1511934-02	SV02	518	2.7L Can	05/29/15	204492	L1510674-01	Pass	-29.9	-7.8	-	-	-	-
L1511934-03	SV03	0471	#30 SV	05/29/15	204492		-	-	-	Pass	18	18.1	1
L1511934-03	SV03	2015	2.7L Can	05/29/15	204492	L1510674-01	Pass	-30.0	-12.1	-	-	-	-
L1511934-04	AMB_053015	0675	#16 AMB	05/29/15	204492		-	-	-	Pass	17.9	18.5	3
L1511934-04	AMB_053015	1993	6.0L Can	05/29/15	204492	L1509822-01	Pass	-29.6	-20.7	-	-	-	-

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01
 Client ID: CAN 594 SHELF 48
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/09/15 17:01
 Analyst: MR

Date Collected: 05/07/15 11:00
 Date Received: 05/07/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01
 Client ID: CAN 594 SHELF 48
 Sample Location:

Date Collected: 05/07/15 11:00
 Date Received: 05/07/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01
 Client ID: CAN 594 SHELF 48
 Sample Location:

Date Collected: 05/07/15 11:00
 Date Received: 05/07/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01
 Client ID: CAN 594 SHELF 48
 Sample Location:

Date Collected: 05/07/15 11:00
 Date Received: 05/07/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01 Date Collected: 05/07/15 11:00
 Client ID: CAN 594 SHELF 48 Date Received: 05/07/15
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	89		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01
 Client ID: CAN 594 SHELF 48
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/09/15 17:01
 Analyst: MR

Date Collected: 05/07/15 11:00
 Date Received: 05/07/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01
 Client ID: CAN 594 SHELF 48
 Sample Location:

Date Collected: 05/07/15 11:00
 Date Received: 05/07/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1509822
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1509822-01
 Client ID: CAN 594 SHELF 48
 Sample Location:

Date Collected: 05/07/15 11:00
 Date Received: 05/07/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	88		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01
 Client ID: CAN 177 SHELF 1
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/15/15 15:27
 Analyst: RY

Date Collected: 05/14/15 18:00
 Date Received: 05/15/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01
 Client ID: CAN 177 SHELF 1
 Sample Location:

Date Collected: 05/14/15 18:00
 Date Received: 05/15/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01
 Client ID: CAN 177 SHELF 1
 Sample Location:

Date Collected: 05/14/15 18:00
 Date Received: 05/15/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01
 Client ID: CAN 177 SHELF 1
 Sample Location:

Date Collected: 05/14/15 18:00
 Date Received: 05/15/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01 Date Collected: 05/14/15 18:00
 Client ID: CAN 177 SHELF 1 Date Received: 05/15/15
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	94		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01
 Client ID: CAN 177 SHELF 1
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/15/15 15:27
 Analyst: RY

Date Collected: 05/14/15 18:00
 Date Received: 05/15/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01
 Client ID: CAN 177 SHELF 1
 Sample Location:

Date Collected: 05/14/15 18:00
 Date Received: 05/15/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1510674
Report Date: 06/02/15

Air Canister Certification Results

Lab ID: L1510674-01
 Client ID: CAN 177 SHELF 1
 Sample Location:

Date Collected: 05/14/15 18:00
 Date Received: 05/15/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	96		60-140



Project Name: 130 ST. FELIX STREET**Lab Number:** L1511934**Project Number:** 170366001**Report Date:** 06/02/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1511934-01A	Canister - 2.7 Liter	N/A	NA		Y	Absent	TO15-LL(30)
L1511934-02A	Canister - 2.7 Liter	N/A	NA		Y	Absent	TO15-LL(30)
L1511934-03A	Canister - 2.7 Liter	N/A	NA		Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

GLOSSARY

Acronyms

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).
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.
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.
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.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.

Footnotes

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

Terms

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.

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.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- 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.

Report Format: Data Usability Report



Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

Data Qualifiers

- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: 130 ST. FELIX STREET
Project Number: 170366001

Lab Number: L1511934
Report Date: 06/02/15

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: 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**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Client Information

Client: Langan Engineering
 Address: 360 West 31st
New York, NY 10001
 Phone: 212-479-5400
 Fax: 212-479-5444
 Email: atachi@langan.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name: 130 St. Felix Street
 Project Location: Brooklyn, NY
 Project #: 170866001
 Project Manager: Joe Good
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 Date Due: _____ Time: 24-hr

Date Rec'd in Lab: 6/1/15

Report Information - Data Deliverables

FAX
 ADEX
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables: _____
 Report to: (if different than Project Manager)

ALPHA Job #: L1511934

Billing Information

Same as Client info PO #: 170866001

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS				Sample Comments (i.e. PID)	
		Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-14A BY TO-15	TO-15	TO-15 SIM	APH		FIXED GASES
<u>11934-01</u>	<u>SV01</u>	<u>5/30/15</u>	<u>9:28</u>	<u>11:30</u>	<u>-30.42</u>	<u>-4.89</u>	<u>SV</u>	<u>AT</u>	<u>2.7L</u>	<u>2042</u>	<u>0150</u>	<u>X</u>					
<u>02</u>	<u>SV02</u>		<u>9:51</u>	<u>11:51</u>	<u>-30.44</u>	<u>-7.74</u>	<u>SV</u>	<u>AT</u>	<u>2.7L</u>	<u>518</u>	<u>0002</u>	<u>X</u>					
<u>03</u>	<u>SV03</u>		<u>12:31</u>	<u>14:31</u>	<u>-30.32</u>	<u>-11.85</u>	<u>SV</u>	<u>AT</u>	<u>2.7L</u>	<u>2015</u>	<u>0471</u>	<u>X</u>					
	<u>AMB-053015</u>		<u>12:31</u>	<u>14:31</u>	<u>-30.32</u>	<u>-11.85</u>											
<u>04</u>	<u>AMB-053015</u>		<u>9:58</u>	<u>13:58</u>	<u>-30.14</u>	<u>-20.23</u>	<u>AIR</u>	<u>AT</u>	<u>6L</u>	<u>1993</u>	<u>0675</u>	<u>X</u>					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By: [Signature] Date/Time: 5/30/15 16:50
 Received By: [Signature] Date/Time: 5/30/15 16:40
5/30/15 20:51
6-1-15 10:26

APPENDIX F

Data Usability Summary Reports

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Jessica Friscia, Langan Project Engineer
From: Joe Conboy, Langan Staff Chemist
Date: June 2, 2021
Re: Data Usability Summary Report
For 130 St Felix Street
April 2021 Soil Samples
Langan Project No.: 100842301

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in April 2021 by Langan Engineering and Environmental Services at 130 St Felix Street. The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D
- PFAS by USEPA Method 537M
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Methods 6020B/7471A
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September 2016, Revision 1),

Technical Memorandum

- USEPA Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-17, "Validating Chlorinated Herbicides" (December 2010, Revision 3.1),
- USEPA Region II SOP #HW-37A, "Polychlorinated Biphenyl (PCB) Aroclor Data Validation" (June 2015, Revision 0),
- USEPA Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1),
- USEPA Region II SOP #HW-3a, "ICP-AES Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3b, "ICP-MS Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA-540-R-2017-001, January 2017), and
- published analytical methodologies.

EPA Method 537 was developed and validated for the analysis of finished drinking water from surface water and groundwater sources. Laboratories have modified Method 537 to enable the analysis of groundwater and soil, and to incorporate PFAS analytes not currently addressed by the promulgated method. NYSDOH offers certification for PFOA and PFOS in the drinking water category. Non-potable water and soil certification is not available; however, the method describes acceptable modifications. EPA recommends that modified methods be assessed relative to project goals and data quality objectives.

Validation includes review of the analytical data to verify that they are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum may include:

- holding times
- sample preservation
- sample extraction and digestion
- instrument tuning
- instrument calibration
- laboratory blanks
- surrogates
- internal standards
- isotope dilutions
- matrix spike/spike duplicate recoveries
- overall system performance
- serial dilutions
- dual column performance
- field duplicates
- trip blanks

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- laboratory control samples
- target compound identification and quantification
- chromatograms
- field blanks

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- R** – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- J** – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- U** – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- NJ** – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

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MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified for this data set.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2120301

The ICAL for instrument VOA104 exhibited RFs below the control limit for 2-butanone (0.096) and 1,4-dioxane (0.003). The associated results in samples 001_LSB5_0-2, 002_LSB5_13-15, 003_LSB4_0-2, 004_LSB4_8-10, 005_LSB3_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 009_LSB2_0-2, 010_LSB2_8-10, 011_LSB6_0-2, 012_LSB6_13-15, 013_LSB7_0-2, 014_LSB7_8-10, 015_LSB1_0-2, 016_LSB1_8-10, and 017_DUP01_042121 are qualified as UJ because of potential indeterminate bias.

The ICV analyzed on 4/9/2021 at 05:51 exhibited RFs below the control limit for 2-butanone (0.088) and 1,4-dioxane (0.00241). The associated results in samples 001_LSB5_0-2, 002_LSB5_13-15, 003_LSB4_0-2, 004_LSB4_8-10, 005_LSB3_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 009_LSB2_0-2, 010_LSB2_8-10, 011_LSB6_0-2, 012_LSB6_13-15, 013_LSB7_0-2, 014_LSB7_8-10, 015_LSB1_0-2, 016_LSB1_8-10, and 017_DUP01_042121 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 4/25/2021 at 19:08 exhibited %Ds above the control limit for dichlorodifluoromethane (-22%), carbon tetrachloride (20.3%), and bromoform (25%). The associated results in samples 001_LSB5_0-2, 002_LSB5_13-15, 003_LSB4_0-2, 004_LSB4_8-10, 005_LSB3_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 009_LSB2_0-2, 010_LSB2_8-10, 011_LSB6_0-2, 012_LSB6_13-15, 013_LSB7_0-2, 014_LSB7_8-10, 015_LSB1_0-2, 016_LSB1_8-10, and 017_DUP01_042121 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 4/25/2021 at 19:08 exhibited RFs below the control limit for 2-butanone (0.077), 1,4-dioxane (0.0023), and 4-methyl-2-pentanone (0.095). The associated results in samples 001_LSB5_0-2, 002_LSB5_13-15, 003_LSB4_0-2, 004_LSB4_8-10, 005_LSB3_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 009_LSB2_0-2, 010_LSB2_8-10,

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011_LSB6_0-2, 012_LSB6_13-15, 013_LSB7_0-2, 014_LSB7_8-10, 015_LSB1_0-2, 016_LSB1_8-10, and 017_DUP01_042121 are qualified as UJ because of potential indeterminate bias.

The TB (020_TB01_042121) exhibited a detection of acetone (1.6 ug/L). The associated results in sample 001_LSB5_0-2, 002_LSB5_13-15, 003_LSB4_0-2, 004_LSB4_8-10, 005_LSB3_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 009_LSB2_0-2, 010_LSB2_8-10, 011_LSB6_0-2, 012_LSB6_13-15, 013_LSB7_0-2, 014_LSB7_8-10, 015_LSB1_0-2, 016_LSB1_8-10, and 017_DUP01_042121 are qualified as J or U at the reporting limit because of potential blank contamination. Associated results that are non-detects or >10x the blank contamination did not require qualification.

The FB (018_FB01_042121) exhibited detections of acetone (1.9 ug/L) and pfxa (0.396 ng/L). The associated acetone results are qualified as J or U at the reporting limit because of potential blank contamination. The associated results that are non-detects or >10x the blank contamination did not require qualification.

The FB (019_FB02_042121) exhibited detections of acetone (2 ug/L), pfxa (0.426 ng/L), pfos (0.862 ng/L), total pfoa and pfos (0.862 ng/L), barium (0.0002 mg/L), and manganese (0.00046 mg/L). The associated acetone results are qualified as J or U at the reporting limit because of potential blank contamination. The other associated results are non-detect or >10x the blank contamination. No qualification is necessary.

L2121015

The ICAL for instrument VOA100 exhibited a RF below the control limit for 2-butanone (0.087). The associated results in samples 021_LSB6_42-44, 022_LSB5_42-44, and 023_LSB1_40-42 are qualified as UJ because of potential indeterminate bias.

The ICV analyzed on 3/18/2021 at 07:11 exhibited a RF below the control limit for 2-butanone (0.078). The associated results in samples 021_LSB6_42-44, 022_LSB5_42-44, and 023_LSB1_40-42 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 4/27/2021 at 05:05 exhibited %Ds above the control limit for acetone (20.6%), carbon tetrachloride (-29.7%), 1,1,1-trichloroethane (-20.7%), 2-butanone (21.8%), and 2-hexanone (21.3%). The associated results in samples 021_LSB6_42-44, 022_LSB5_42-44, and 023_LSB1_40-42 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 4/27/2021 at 05:05 exhibited a RF below the control limit for 2-butanone (0.068). The associated results in samples 021_LSB6_42-44, 022_LSB5_42-44, and 023_LSB1_40-42 are qualified as UJ because of potential indeterminate bias.

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L2121234

The ICAL for instrument VOA100 exhibited a RF below the control limit for 2-butanone (0.087). The associated results in samples 025_LSB2_42-44, 026_DUP2, and 027_LSB7_42-44 are qualified as UJ because of potential indeterminate bias.

The ICV analyzed on 3/18/2021 at 07:11 exhibited a RF below the control limit for 2-butanone (0.078). The associated results in samples 025_LSB2_42-44, 026_DUP2, and 027_LSB7_42-44 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 4/29/2021 at 08:23 exhibited %Ds above the control limit for acetone (31.7%), acrylonitrile (24.2%), 2-butanone (31%), 4-methyl-2-pentanone (20.4%), and 2-hexanone (29.9%). The associated results in samples 025_LSB2_42-44, 026_DUP2, and 027_LSB7_42-44 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 4/29/2021 at 08:23 exhibited a RF below the control limit for 2-butanone (0.06). The associated results in samples 025_LSB2_42-44, 026_DUP2, and 027_LSB7_42-44 are qualified as UJ because of potential indeterminate bias.

The LCS/LCSD for batch WG1492294 exhibited percent recoveries below the LCL for 2-butanone (69%, 63%) and 2-hexanone (67%). The associated results in samples 025_LSB2_42-44, 026_DUP2, and 027_LSB7_42-44 are qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270D

L2120301

The CCV analyzed on 5/1/2021 at 12:28 exhibited %Ds above the control limit for 2-nitrophenol (-40.4%), benzoic acid (-35.1%), hexachlorocyclopentadiene (-20.4%), 2,4-dinitrophenol (-44.2%), and 4,6-dinitro-2-methylphenol (-37.3%). The associated results in samples 001_LSB5_0-2, 002_LSB5_13-15, 003_LSB4_0-2, 004_LSB4_8-10, 005_LSB3_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 010_LSB2_8-10, 012_LSB6_13-15, 013_LSB7_0-2, and 014_LSB7_8-10 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 5/2/2021 at 14:49 exhibited %Ds above the control limit for benzyl alcohol (-23%), bis(2-chloroisopropyl)ether (-34.4%), n-nitrosodi-n-propylamine (-26.8%), nitrobenzene (-20.9%), 2-nitrophenol (-25.4%), 2-nitroaniline (-21.7%), 2,4-dinitrophenol (-20.5%), 4-nitrophenol (-42.2%), and 3,3'-dichlorobenzidine (-22.6%). The associated results in samples 016_LSB1_8-10 and 017_DUP01_042121 are qualified as UJ because of potential indeterminate bias.

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The CCV analyzed on 5/3/2021 at 10:22 exhibited %Ds above the control limit for bis(2-chloroisopropyl)ether (-25.7%), 2-nitrophenol (-20.6%), 2-nitroaniline (-26.3%), 2,4-dinitrophenol (22.9%), and 4-nitrophenol (-20.5%). The associated results in samples 009_LSB2_0-2, 011_LSB6_0-2, and 015_LSB1_0-2 are qualified as UJ because of potential indeterminate bias.

The LCS for batch WG1493343 exhibited percent recoveries above the UCL for 1,2,4-trichlorobenzene (112%), bis(2-ethylhexyl)phthalate (149%), 2-nitroaniline (140%), 4-chloro-3-methylphenol (108%, 125%), 2-chlorophenol (107%), 4-nitrophenol (122%, 139%), pentachlorophenol (115%, 126%), phenol (101%), and benzoic acid (113%). The associated bis(2-ethylhexyl)_phthalate result for sample 003_LSB4_0-2 is qualified J based on a potential high bias. The other associated results are non-detect, so no qualification is necessary.

L2121015

The CCV analyzed on 5/3/2021 at 21:17 exhibited %Ds above the control limit for 2,4,6-trichlorophenol (-25.5%), 2,4,5-trichlorophenol (-28.3%), 2-nitroaniline (-20.7%), 2,6-dinitrotoluene (-28.9%), 2,4-dinitrophenol (-23.9%), and 4-nitrophenol (-26%). The associated results in samples 021_LSB6_42-44, 022_LSB5_42-44, and 023_LSB1_40-42 are qualified as UJ because of potential indeterminate bias.

L2121234

The CCV analyzed on 5/4/2021 at 08:05 exhibited %Ds above the control limit for 2-nitrophenol (-48%), benzoic acid (-44%), 2-nitroaniline (-23.3%), 2,6-dinitrotoluene (-22.6%), 2,4-dinitrophenol (-45.4%), 4,6-dinitro-2-methylphenol (-41.5%), and butyl benzyl phthalate (-23.7%). The associated results in samples 025_LSB2_42-44, 026_DUP2, and 027_LSB7_42-44 are qualified as UJ because of potential indeterminate bias.

PFAS by USEPA Method 537M

L2120301

The CCV analyzed on 5/2/2021 at 17:45 exhibited a percent recoveries above the control limits for PFTrDA (134.2%). The associated results in samples 001_LSB5_0-2, 002_LSB5_13-15, 003_LSB4_0-2, 004_LSB4_8-10, 005_LSB3_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 009_LSB2_0-2, 010_LSB2_8-10, 011_LSB6_0-2, 012_LSB6_13-15, 013_LSB7_0-2, 014_LSB7_8-10, 015_LSB1_0-2, 016_LSB1_8-10, and 017_DUP01_042121 are qualified as UJ because of potential indeterminate bias.

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Sample 005_LSB3_0-2 exhibited percent recoveries below the LCL for the surrogates M4-PFHpA (70%), M8-PFOA (73%), and D3-NMeFOSAA (25%). The associated results are qualified as J or UJ because of potential low bias.

Sample 012_LSB6_13-15 exhibited a percent recovery below the LCL for the surrogate M8-PFOA (73%). The associated results are qualified as J because of potential low bias.

Sample 016_LSB1_8-10 exhibited a percent recovery above the UCL for the surrogate M8-FOSA (126%). The associated results are qualified as UJ because of potential bias.

The ion ratio observed in sample 003_LSB4_0-2 exhibited poor responses for PFPeA (0.069 ng/g). The associated results are qualified as J because of potential indeterminate bias.

The ion ratio observed in sample 016_LSB1_8-10 exhibited poor responses for PFOS (0.257 ng/g). The associated results are qualified as J because of potential indeterminate bias.

L2121015

Sample 022_LSB5_42-44 exhibited percent recoveries above the UCL for the surrogates M5-PFPeA (160%) and M3-PFBS (153%). The associated results are qualified as UJ because of potential high bias.

Sample 021_LSB6_42-44 exhibited percent recoveries above the UCL for the surrogates M9-PFNA (70%) and M6-PFDA (73%). The associated results are qualified as UJ because of potential high bias.

Sample 023_LSB1_40-42 exhibited percent recoveries above the UCL for the surrogates M5-PFPeA (153%) and M3-PFBS (144). The associated results are qualified as UJ because of potential high bias.

The MB for batch WG1491047 exhibited a detection of PFHxA (0.063 ng/g). The associated results in sample 021_LSB6_42-44, 022_LSB5_42-44, and 023_LSB1_40-42 are qualified as U at the reporting limit because of potential blank contamination.

Pesticides by SW-846 Method 8081B

L2120301

The CCV analyzed on 5/2/2021 at 15:22 exhibited a %D above the control limit for toxaphene (22.3%). The associated results in sample 001_LSB5_0-2, 006_LSB3_20-22, 007_LSB3_13-15, 008_LSB4_20-22, 009_LSB2_0-2, 010_LSB2_8-10, 011_LSB6_0-2, 012_LSB6_13-15,

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013_LSB7_0-2, 014_LSB7_8-10, and 015_LSB1_0-2 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 5/3/2021 at 10:08 exhibited a %D above the control limit for toxaphene (30.65%). The associated results in sample 016_LSB1_8-10, and 017_DUP01_042121 are qualified as UJ because of potential indeterminate bias.

L2121015

The CCV analyzed on 5/4/2021 at 08:21 exhibited a %D above the control limit for toxaphene (37.5%). The associated results in sample 021_LSB6_42-44, 022_LSB5_42-44, and 023_LSB1_40-42 are qualified as UJ because of potential indeterminate bias.

L2121234

The CCV analyzed on 5/5/2021 at 10:36 exhibited a %D above the control limit for toxaphene (36.8%). The associated results in sample 025_LSB2_42-44, 026_DUP2, and 027_LSB7_42-44 are qualified as UJ because of potential indeterminate bias.

Metals by SW-846 Methods 6020B/7471B

L2120301

The MS performed on sample 001_LSB5_0-2 exhibited percent recoveries above the UCL for calcium (0%, 1420%), aluminum (572%, 714%), arsenic (176%), barium (138%), copper (128%, 68%), magnesium (0%, 396%), manganese (200%), sodium (127%, 132%), and zinc (269%). The associated arsenic, barium, copper, manganese, sodium, and zinc results in sample 001_LSB5_0-2 are qualified as J because of potential high bias. The associated aluminum, calcium, and magnesium results are >4x the spiked amount, so no qualification is required.

The post-digestion spike performed on sample 001_LSB5_0-2 exhibited percent recoveries below the LCL for aluminum (12%), iron (0%), magnesium (0%), and manganese (72%). The manganese associated result in sample 001_LSB5_0-2 is qualified as J because of potential low bias. The associated aluminum, iron, and magnesium results are >4x the spiked amount, so no qualification is required.

The MS/MSD performed on sample 001_LSB5_0-2 exhibited a percent recovery above the UCL for mercury (123%). The associated results in sample 001_LSB5_0-2 are qualified as J because of potential high bias.

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L2121015

The MB for batch WG1490896 exhibited detections of aluminum (1.57 mg/kg), beryllium (0.032 mg/kg), calcium (3.42 mg/kg), chromium (0.056 mg/kg), iron (3.89 mg/kg), magnesium (0.684 mg/kg), manganese (0.264 mg/kg), sodium (5.63 mg/kg), and thallium (0.144 mg/kg). The associated beryllium and sodium results are qualified J or U at the reporting limit based on the blank contamination. The associated results are >10X the contamination. No qualification is necessary.

L2121234

The MS/MSD performed on sample 027_LSB7_42-44 exhibited percent recoveries above the UCL for aluminum (364%, 238%), calcium (189%, 168%), iron (845%, 782%), magnesium (142%, 226%), and manganese (155%, 163%). The MS/MSD also exhibited an RPD above control limits for nickel (21%). The associated calcium, magnesium, manganese, and nickel results in sample 027_LSB7_42-44 are qualified as J because of potential bias. The associated aluminum and iron results in the parent sample are >4X the spiked amount, so no qualification is necessary.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2120301

The MS/MSD performed on sample 001_LSB5_0-2 exhibited a percent recoveries below the LCL for multiple analytes. Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

L2121015

The MB for batch WG1491280 exhibited detections of n-butylbenzene (0.18 ug/kg), p-isopropyltoluene (0.12 ug/kg), naphthalene (0.65 ug/kg), 1,2,3-trichlorobenzene (0.34 ug/kg), p-diethylbenzene (0.2 ug/kg), and 1,2,4,5-tetramethylbenzene (0.19 ug/kg). The associated results are non-detect. No qualification is necessary.

L2121234

The MS/MSD performed on sample 027_LSB7_42-44 exhibited percent recoveries outside of control limits for carbon tetrachloride (138%), 1,1,1-trichloroethane (132%), 2-butanone (67%),

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69%), 4-methyl-2-pentanone (68%), 2-hexanone (64%, 66%), n-butylbenzene (68%), hexachlorobutadiene (47%, 58%), and 1,2,3-trichlorobenzene (66%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

SVOCs by SW-846 Method 8270D

L2120301

The MS/MSD performed on sample 001_LSB5_0-2 exhibited a percent recovery below the LCL for several analytes. Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

PFAS by USEPA Method 537M

L2120301

The FB (018_FB01_042121) exhibited detections of PFHxA (0.396 ng/L). The associated results are non-detects so no qualification is required.

The FB (019_FB02_042121) exhibited detections of PFHxA (0.426 ng/L), PFOS (0.862 ng/L), and total PFOA/PFOS (0.862 ng/L). The other associated results are non-detect or >10x the blank contamination. No qualification is necessary.

The FB (019_FB02_042121) exhibited detections of PFHxA (0.426 ng/L), PFOS (0.862 ng/L), total PFOA/PFOS (0.862 ng/L). The other associated results are non-detect or >10x the blank contamination. No qualification is necessary.

L2121015

The FB (024_EB01_042321) exhibited detections of PFHxA (0.363 ng/L) and PFNA (0.303 ng/L). The associated results are greater than the blank contamination or non-detects. No qualification is necessary.

L2121234

The FB (029_EB02_042621) exhibited a detection of PFHxA (0.327 ng/L). The associated results are non-detect. No qualification is necessary.

The MB for batch WG1491692 exhibited a detection of NEtFOSAA (0.095 ng/g). The associated results are non-detect. No qualification is necessary.

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Metals by SW-846 Methods 6020B/7471B

L2120301

The FB (019_FB02_042121) exhibited detections of barium (0.0002 mg/L), and manganese (0.00046 mg/L). The other associated results >10x the blank contamination. No qualification is necessary.

The MB for batch WG1489414 exhibited detections of iron (0.948 mg/L) and manganese (0.168 mg/L). The associated results are >10X the contamination. No qualification is necessary.

L2121234

The MB for batch WG1491293 exhibited detections of potassium (6.38 mg/kg) and zinc (0.408 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The post-digestion spike performed on sample 027_LSB7_42-44 exhibited percent recoveries below the LCL for aluminum (51%) and iron (0%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

FIELD DUPLICATE:

Two field duplicate and parent sample pairs were collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm 2X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pairs were compared to the precision criteria:

- 017_DUP01_042121 / 001_LSB5_0-2
- 026_DUP2 / 025_LSB2_42-44

The field duplicate and parent sample (001_LSB5_0-2/017_DUP01_042121) exhibited a RPD above the control limit for arsenic (75.6%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (025_LSB2_42-44/026_DUP2) exhibited a RPD above the control limit for nickel (58.4%). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above,

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that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



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To: Jessica Friscia, Langan Project Engineer
From: Joe Conboy, Langan Staff Chemist
Date: June 1, 2021
Re: Data Usability Summary Report
For 130 St Felix Street
May 2021 Groundwater Samples
Langan Project No.: 100842301

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in May 2021 by Langan Engineering and Environmental Services at 130 St Felix Street. The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, total and dissolved metals, hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D and 8270D selective ion monitoring (SIM)
- PFAS by USEPA Method 537M
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Total & Dissolved Metals by SW-846 Methods 6020B/7470A
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September 2016, Revision 1),

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- USEPA Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-17, "Validating Chlorinated Herbicides" (December 2010, Revision 3.1),
- USEPA Region II SOP #HW-37A, "Polychlorinated Biphenyl (PCB) Aroclor Data Validation" (June 2015, Revision 0),
- USEPA Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1),
- USEPA Region II SOP #HW-3a, "ICP-AES Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3b, "ICP-MS Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA-540-R-2017-001, January 2017), and
- published analytical methodologies.

EPA Method 537 was developed and validated for the analysis of finished drinking water from surface water and groundwater sources. Laboratories have modified Method 537 to enable the analysis of groundwater and soil, and to incorporate PFAS analytes not currently addressed by the promulgated method. NYSDOH offers certification for PFOA and PFOS in the drinking water category. Non-potable water and soil certification is not available; however, the method describes acceptable modifications. EPA recommends that modified methods be assessed relative to project goals and data quality objectives.

Validation includes review of the analytical data to verify that they are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum may include:

- holding times
- sample preservation
- sample extraction and digestion
- instrument tuning
- instrument calibration
- laboratory blanks
- surrogates
- internal standards
- isotope dilutions
- matrix spike/spike duplicate recoveries
- overall system performance
- serial dilutions
- dual column performance
- field duplicates
- trip blanks

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- laboratory control samples
- target compound identification and quantification
- chromatograms
- field blanks

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- R** – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- J** – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- U** – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- NJ** – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

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MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. There are no major deficiencies identified in this data set.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2122822

The ICAL for instrument VOA101 exhibited RFs below the control limit for acetone (0.04), 2-butanone (0.062), 4-methyl-2-pentanone (0.065), and 1,4-dioxane (0.00017). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as UJ because of potential indeterminate bias.

The ICV analyzed on 3/10/2021 at 18:36 exhibited RFs below the control limit for acetone (0.039), 2-butanone (0.059), 1,4-dioxane (0.00149), and 4-methyl-2-pentanone (0.065). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 5/5/2021 at 19:15 exhibited %Ds above the control limit for dichlorodifluoromethane (35.1%), bromomethane (57.7%), 1,4-dioxane (40%), and isopropylbenzene (-20.4%). This CCV also exhibited RFs below the control limit for acetone (0.045), 2-butanone (0.063), 1,4-dioxane (0.00102), and 4-methyl-2-pentanone (0.074). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as UJ because of potential indeterminate bias.

L2123074

The ICAL for instrument VOA105 exhibited RFs below the control limit for acrylonitrile (0.045), 2-butanone (0.052), 1,4-dioxane (0.001), 4-methyl-2-pentanone (0.053), and 2-hexanone (0.085). The associated results in samples 053_LMW-3, 054_LMW-2, 055_LMW-1, and 056_MW11 are qualified as UJ because of potential indeterminate bias.

The ICV analyzed on 4/3/2021 at 20:35 exhibited %Ds above the control limit for dichlorodifluoromethane (29.3%), acetone (23%), 1,4-dioxane (33.9%), and trans-1,3-dichloropropene (20.6%). This ICV also exhibited RFs below the control limit for acrylonitrile

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(0.046), 2-butanone (0.046), 1,4-dioxane (0.00039), 4-methyl-2-pentanone (0.046), and 2-hexanone (0.081). The associated results in samples 053_LMW-3, 054_LMW-2, 055_LMW-1, and 056_MW11 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 5/7/2021 at 07:14 exhibited %Ds above the control limit for dichlorodifluoromethane (30.9%), bromomethane (25.6%), and acrylonitrile (-26.7%). This CCV also exhibited RFs below the control limit for bromomethane (0.099), 2-butanone (0.051), 1,4-dioxane (0.00061), 4-methyl-2-pentanone (0.053), and 2-hexanone (0.094). The associated results in samples 053_LMW-3, 054_LMW-2, 055_LMW-1, and 056_MW11 are qualified as UJ because of potential indeterminate bias.

SVOCs by SW-846 Method 8270D and 8270DSIM

L2122822

The ICV analyzed on 7/13/2021 at 04:27 exhibited %Ds above the control limit for 2-nitrophenol (23.8%), benzoic acid (20.8%), 2,4,6-trichlorophenol (20.1%), 2-nitroaniline (27.5%), 2,6-dinitrotoluene (21.5%), 2,4-dinitrophenol (20.8%), 4-nitrophenol (20.6%), 4,6-dinitro-2-methylphenol (22.8%), butyl benzyl phthalate (27.9%), and di-n-octylphthalate (21.9%). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as UJ because of potential indeterminate bias.

The LCS/LCSD for batch WG1495876 exhibited a percent recovery below the LCL for 4-chloroaniline (50%) and RPDs above the control limit for 4-chloroaniline (31%) and benzyl alcohol (31%). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as J or UJ because of potential bias.

The MB for batch WG1495878 exhibited detections of benzo(g,h,i)perylene (0.02 ug/L), dibenzo(a,h)anthracene (0.03 ug/L), and indeno(1,2,3-cd)pyrene (0.02 ug/L). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as U at the reporting limit because of potential blank contamination. Associated results that are non-detects did not require qualification.

L2123074

The CCV analyzed on 5/9/2021 at 12:31 exhibited %Ds above the control limit for bis(2-chloroisopropyl)ether (-34%), 2-nitrophenol (-45.7%), benzoic acid (-48.5%), 2,6-dinitrotoluene (-20.1%), 2,4-dinitrophenol (-44.4%), 4,6-dinitro-2-methylphenol (-44.3%), butyl benzyl phthalate (-22.2%), and di-n-octylphthalate (-20.2%). The associated results in samples 053_LMW-3,

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054_LMW-2, 055_LMW-1, and 056_MW11 are qualified as J or UJ because of potential indeterminate bias.

PFAS by USEPA Method 537M

L2122822

Sample 048-LMW-4 exhibited percent recoveries below the LCL for the surrogates M-PFBA (52%), M5-PFPeA (61%), M5-PFHxA (41%), M4-PFHpA (42%), M8-PFOA (39%), M9-PFNA (40%), M6-PFDA (41%), and M7-PFUDA (46%). The associated results are qualified as J or UJ because of potential low bias.

Sample 049_DUP-1 exhibited percent recoveries below the LCL for the surrogates M-PFBA (57%), M5-PFHxA (46%), M4-PFHpA (46%), M8-PFOA (44%), M9-PFNA (45%), and M6-PFDA (49%). The associated results are qualified as J or UJ because of potential low bias.

L2123074

The EB (058_EB_050421) exhibited a detection of PFHxA (0.426 ng/L). The associated results for samples 054_LMW-2 and 056_MW11 are qualified J based on potential bias due to blank contamination. The associated results for samples 053_LMW-3 and 055_LMW-1 are >10X the contamination, so no qualification is necessary.

Sample 056_MW11 exhibited a percent recovery above the UCL for the surrogate M3-PFBS (135%). The associated results are qualified as J because of potential high bias.

The ion ratio response in sample 053_LMW-3 was outside of control limits for PFNA (0.487 ng/L). The associated results are qualified as J because of potential indeterminate bias.

PCBs by SW-846 Method 8082A

L2122822

The MB for batch WG1495679 exhibited a detection of PCB-1254 (0.088 ug/L). The associated result in sample 047_LMW-5 is qualified J based on potential bias. The associated result in sample 049_DUP-1 is non-detect, so no qualification is required.

L2123074

The MB for batch WG1496513 exhibited a detection of PCB-1254 (0.072 ug/L). The associated result in sample 056_MW11 is qualified J based on potential bias. The associated results in samples 053_LMW-3, 054_LMW-2, and 055_LMW-1 are non-detections so qualification is not required.

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Pesticides by SW-846 Method 8081B

L2122822

The CCV analyzed on 5/8/2021 at 09:26 exhibited %Ds above the control limit for aldrin (-25%), 4,4'-DDE (-27.8%), endosulfan I (-20.9%), dieldrin (-30.6%), endrin (-22%), 4,4'-DDD (-39.4%), 4,4'-DDT (-33.3%), endrin aldehyde (-22.3%), methoxychlor (-24.9%), endosulfan sulfate (-32%), and endrin ketone (-24.1%). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as UJ because of potential indeterminate bias.

L2123074

The LCS/LCSD for batch WG1496543 exhibited RPDs above the control limit for heptachlor epoxide (21%), endrin (22%), endrin aldehyde (22%), endrin ketone (22%), dieldrin (22%), 4,4'-DDE (23%), 4,4'-DDD (23%), 4,4'-DDT (24%), endosulfan I (22%), endosulfan II (21%), endosulfan sulfate (22%), methoxychlor (23%), cis-chlordane (22%), and trans-chlordane (22%). The associated results in samples 053_LMW-3, 054_LMW-2, 055_LMW-1, and 056_MW11 are qualified as UJ because of potential indeterminate bias.

Total & Dissolved Metals by SW-846 Methods 6020B/7470A

L2122822

The FB (050_FB050321) exhibited detections of dissolved antimony (0.00067 mg/l), total arsenic (0.00021 mg/l), dissolved iron (0.0496 mg/l), dissolved sodium (0.0673 mg/l), dissolved thallium (0.00026 mg/l), and total thallium (0.00025 mg/l). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as U at the reporting limit or J because of potential blank contamination. Associated results that are non-detects or are >10x the blank contamination did not require qualification.

The MB for batch WG1495342 exhibited detections of total aluminum (0.00505 mg/L), total arsenic (0.00019 mg/L), total barium (0.00035 mg/L), total calcium (0.173 mg/L), total copper (0.00044 mg/L), total lead (0.0008 mg/L), total manganese (0.00076 mg/L), and total thallium (0.00024 mg/L). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as J or U at the reporting limit because of potential blank contamination. Associated results that are non-detects or are >10x the blank contamination did not require qualification.

The MB for batch WG1495354 exhibited detections of dissolved thallium (0.00025 mg/L) and dissolved zinc (0.00554 mg/L). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are qualified as U at the reporting limit because of potential blank contamination. Associated results that are non-detects did not require qualification.

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The MS/MSD performed on sample 047_LMW-5 exhibited percent recoveries above the UCL for dissolved calcium (130%, 127%) and dissolved iron (137%). The MS/MSD also exhibited an RPD above the control limit for dissolved iron (40%). The associated dissolved iron results in the parent sample are qualified J based on potential bias. The associated dissolved calcium results in the parent sample are >4X the spiked amount, so no qualification is necessary.

The MS/MSD performed on sample 047_LMW-5 exhibited percent recoveries outside of control limits for total calcium (70%, 58%), total iron (285%), and total sodium (44%, 45%). The MS/MSD also exhibited an RPD above the control limit for total iron (84%). The associated total iron result in sample 047_LMW-5 is qualified J based on potential bias. The associated total calcium and total sodium results in the parent sample are >4X the spiked amount. No qualification is necessary.

L2123074

The MB for batch WG1495793 exhibited detections of dissolved antimony (0.00065 mg/L), dissolved sodium (0.0542 mg/L), and dissolved zinc (0.00752 mg/L). The associated results in samples 053_LMW-3, 054_LMW-2, 055_LMW-1, and 056_MW11 are qualified as J or U at the reporting limit because of potential blank contamination. The other associated results are >10x the contamination, so do not require qualification.

The MB for batch WG1495633 exhibited detections of total aluminum (0.00906 mg/L), total barium (0.00019 mg/L), and total manganese (0.00056 mg/L). The associated total aluminum results for samples 054_LMW-2 and 055_LMW-1 are qualified J based on potential bias. The other associated results are >10X the contamination, so do not require qualification.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

L2122822

The MS/MSD performed on sample 047_LMW-5 exhibited a percent recovery below the LCL for bromomethane (27%, 36%) and RPDs above the control limit for bromomethane (29%) and 1,4-dioxane (21%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

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SVOCs by SW-846 Method 8270D and 8270DSIM

L2122822

The MS/MSD performed on sample 047_LMW-5 exhibited percent recoveries below the LCL for 3,3'-dichlorobenzidine (25%), 2,4-dinitrotoluene (22%, 22%), 4-chloroaniline (33%, 39%), 4-nitroaniline (44%, 42%), and carbazole (51%, 50%). This MS/MSD also exhibited an RPD above control limits for 3,3'-dichlorobenzidine (30%). Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

L2123074

The LCS/LCSD for batch WG1496406 exhibited a percent recovery above the UCL for 4-nitrophenol (101%, 99%). The associated results are non-detect. No qualification is necessary.

PFAS by USEPA Method 537M

L2122822

The EB (051_EB_050321) exhibited a detection of PFHxA (0.397 ng/L). The associated results are >10X the contamination. No qualification is necessary.

The FB (050_FB050321) exhibited a detection of PFHxA (0.435 ng/L). The associated results in samples 047_LMW-5, 048_LMW-4, and 049_DUP-1 are >10x the blank contamination, so no qualification is necessary.

The MB for batch WG1496413 exhibited a detection of PFHxA (0.468 ng/L). The associated results are >10X the contamination. No qualification is necessary.

L2123074

Sample 054-LMW-2 exhibited a percent recovery above the UCL for the surrogate M2-6:2FTS (154%). The associated results are non-detect. No qualification is necessary.

Sample 055_LMW-1 exhibited a percent recovery above the UCL for the surrogate M2-PFTeDA (142%). The associated results are non-detect. No qualification is necessary.

The MB for batch WG1496598 exhibited a detection of PFHxA (0.372 ng/L). The associated results are greater than the blank contamination. No qualification is necessary.

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PCBs by SW-846 Method 8082A

L2122822

The MB for batch WG1496979 exhibited a detection of PCB-1254 (0.104 ug/L). The associated results are non-detect. No qualification is necessary.

Total & Dissolved Metals by SW-846 Methods 6020B/7470A

L2123074

The MS/MSD performed on sample 053_LMW-3 exhibited a percent recovery below the LCL for dissolved sodium (67%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

FIELD DUPLICATE:

One field duplicate and parent sample pairs was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm 1X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pairs were compared to the precision criteria:

- 048_LMW-4 and 049_DUP-2

The field duplicate and parent sample (048_LMW-4 / 049_DUP-1) exhibited an absolute difference above the RL for total iron (0.0509). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

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All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Staff Chemist

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Jessica Friscia, Langan Project Engineer
From: Joe Conboy, Langan Staff Chemist
Date: May 20, 2021
Re: Data Usability Summary Report
For 130 St Felix Street
May 2021 Soil Vapor and Ambient Air Samples
Langan Project No.: 100842301

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in May 2021 by Langan Engineering and Environmental Services at 130 St Felix Street. The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017), and
- the specifics of the methods employed.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum may include:

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- holding times
- instrument calibration
- internal standard areas
- overall system performance
- sample preservation
- laboratory blanks
- target compound identification and quantitation
- field duplicates
- instrument tuning
- laboratory control samples
- chromatograms

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

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MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15:

L2123062

The ICAL for instrument AirLab15 exhibited RSDs above the control limit for benzyl chloride (36.74%) and 1,2,4-trichlorobenzene (30.88%). The associated results in sample 030_Ambient-1, 031_LSV-6A, 032_LSV-6B, 033_LSV-5A, 034_LSV-5B, 035_LSV-3A, 036_LSV-3B, 037_LSV-7A, 038_LSV-7B, 039_LSV-8A, 040_LSV-8B, 041_LSV-4A, 042_LSV-4B, 043_LSV-2A, 044_LSV-2B, 045_LSV-1, and 046_DUP-1, are qualified as UJ because of potential indeterminate bias.

The SUMMA canister pressures at laboratory receipt were below pressure requirements for samples 036_LSV-3B (-1.7" Hg) and 039_LSV-8A (-1.6" Hg). The associated detected results are qualified J because of potential bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

FIELD DUPLICATE:

One field duplicate and parent sample pairs was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm 1X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for vapor. The following field duplicate and parent sample pairs were compared to the precision criteria:

- 046_DUP-1 and 045_LSV-1

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above,

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that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Staff Chemist

APPENDIX G

Daily Reports

DAILY STATUS REPORT

Prepared By: Esther Arthur

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	X
TEMP.	< 32	32-50	50-70	X	70-85	>85

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	04/19/2021
NYSDEC BCP Site No:	C224306			Time:	8:00 – 14:30

Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	PERSONNEL ON SITE: Langan: Esther Arthur (Environmental) AARCO: Daybi Parcheco, Julio Carbrera Hager-Richter: Alexis Martinez, Amanda Fabin, Justin Covert
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Site Activities

- Langan mobilized to the site with Hager-Richter Geoscience, Inc. (Hager-Richter) the geophysical survey contractor and AARCO Environmental Services, Inc. (AARCO), the drilling and test pit contractor.
- Hager-Richter performed a geophysical survey to clear boring and test pit locations and mark utilities.
- AARCO used a Bobcat E35i mini excavator to excavate test pits TP-1, TP-2, and TP-3. Test pits TP-1, TP-2, and TP-3 were approximately 5-feet by 5-feet, 5-feet by 3-feet, and 5-feet by 4-feet respectively and were all excavated to a depth of 8-feet below ground surface (bgs). No evidence of visual or olfactory impacts or evidence of any underground storage tanks (USTs) were observed.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at a dedicated location on the downwind perimeter of the site, as well as a personal DataRam (pDR) and PID at a work zone monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the downwind CAMP station.
- Additionally, VOC and dust concentrations were periodically monitored at the wall of the adjacent occupied structure(s) when working within 20-feet of the structure(s) in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels.

Problems Encountered

- None

Activities Scheduled for Next Day

- Continue test pit excavation.

SITE MAP



LEGEND

- Approximate Site Boundary
- Tax Lot
- AOC-1 - Historical Site Operations and Potential Historical Presence of USTs
- AOC-2 - Historical Adjacent and Surrounding Site Operations
- Proposed Building Extents
- Proposed Cellar Extents
- Anticipated Groundwater Flow Direction
- + Ambient Air Sample (Langan 2015)
- Soil Boring (Langan 2015)
- ▲ Soil Vapor Sample (Langan 2015)
- Soil Boring/Monitoring Well (Langan 2015)
- Proposed Test Pit
- Proposed Soil Vapor Sample
- Proposed Soil Boring/Soil Vapor Sample
- ▲ Proposed Soil Boring/Monitoring Well/Soil Vapor Sample
- Work Zone Air Monitoring Station
- Downwind Perimeter Air Monitoring Station
- Work Area

NOTES

1. Aerial imagery provided by Nearmap Ltd., collected September 20, 2019.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning.
3. Historic sample locations from June 2015 Subsurface Investigation Report, prepared by Langan.
4. All historic sample locations are approximate.
5. UST fill port and piping were detected during NOVA's 2020 Geophysical Survey. Approximate locations of asphalt patches are based on field observations made by Langan in 2020.
6. Historic monitoring well MW11 will be resampled.
7. Proposed Test Pit locations may change based on field observations.
8. LSV-1 and LSV-2A through LSV-8A will be installed to 5 ft bgs and LSV-2B through LSV-8B will be installed to 20.5 ft bgs.

Photo Log

Photo 1 – General Site conditions, facing west.



Photo 2 – Excavation of test pit TP-1, facing north.



Photo 3 – View of test pit TP-2, facing south.



DAILY STATUS REPORT

Prepared By: Esther Arthur

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	X
TEMP.	< 32	32-50	50-70	X	70-85	>85

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	04/20/2021
NYSDEC BCP Site No:	C224306			Time:	6:30 – 13:00

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Esther Arthur (Environmental), Cristina Robles (Geotechnical)

AARCO: Daybi Parcheco, Julio Carbrera

Craig: Keith Parent, Sean Cleary

Site Activities

- Langan mobilized to the site with AARCO Environmental Services, Inc. (AARCO), the drilling and test pit contractor. AARCO used a Bobcat E35i mini excavator to excavate test pits TP-4, TP-5, TP-6 and TP-7. Test pits TP-4, TP-5, TP-6, and TP-7 were approximately 4-feet by 4-feet, 5-feet by 3.5-feet, 4.5-feet by 3.5-feet, and 5-feet by 8-feet respectively and were all excavated to a depth of 8-feet below ground surface (bgs). No evidence of visual or olfactory impacts or evidence of any underground storage tanks (USTs) or associated piping were observed.
- Langan mobilized to the site with Craig Geotechnical, the geotechnical drilling contractor. Craig used a CME Truck Mounted drill rig to drill geotechnical boring LB-1 to 100-feet bgs.
- Langan gauged previously installed groundwater monitoring well MW-11. MW-11 was determined to be intact. Product was not detected and the depth to groundwater was 43.2-feet below top of casing.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at a dedicated location on the downwind perimeter of the site, as well as a personal DataRam (pDR) and PID at a work zone monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the downwind CAMP station.
- Additionally, VOC and dust concentrations were periodically monitored at the wall of the adjacent occupied structure(s) when working within 20-feet of the structure(s) in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels.

Problems Encountered

- None

Activities Scheduled for Next Day

- Drilling of geotechnical and environmental soil boring locations and soil sampling.

SITE MAP



LEGEND

- | | |
|--|---|
| Approximate Site Boundary | Work Zone Air Monitoring Station |
| Tax Lot | Downwind Perimeter Air Monitoring Station |
| AOC-1 - Historical Site Operations and Potential Historical Presence of USTs | Work Area |
| AOC-2 - Historical Adjacent and Surrounding Site Operations | Geotechnical boring |
| Proposed Building Extents | |
| Proposed Cellar Extents | |
| Anticipated Groundwater Flow Direction | |
| Ambient Air Sample (Langan 2015) | |
| Soil Boring (Langan 2015) | |
| Soil Vapor Sample (Langan 2015) | |
| Soil Boring/Monitoring Well (Langan 2015) | |
| Proposed Test Pit | |
| Proposed Soil Vapor Sample | |
| Proposed Soil Boring/Soil Vapor Sample | |
| Proposed Soil Boring/Monitoring Well/Soil Vapor Sample | |

NOTES

1. Aerial imagery provided by Nearmap Ltd., collected September 20, 2019.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning.
3. Historic sample locations from June 2015 Subsurface Investigation Report, prepared by Langan.
4. All historic sample locations are approximate.
5. UST fill port and piping were detected during NOVA's 2020 Geophysical Survey. Approximate locations of asphalt patches are based on field observations made by Langan in 2020.
6. Historic monitoring well MW11 will be resampled.
7. Proposed Test Pit locations may change based on field observations.
8. LSV-1 and LSV-2A through LSV-8A will be installed to 5 ft bgs and LSV-2B through LSV-8B will be installed to 20.5 ft bgs.

Photo Log

Photo 1 – Geotechnical drilling at LB-1, facing northeast.



Photo 2 – Excavation of test pit TP-4, facing east.



Photo 3 – Backfilling test pit TP-6, facing northwest.



DAILY STATUS REPORT

Prepared By: Tomas Monti

WEATHER	Snow	Rain	X	Overcast	X	Partly Cloudy	Bright Sun
TEMP.	< 32	32-50	X	50-70	X	70-85	>85

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	04/21/2021
NYSDEC BCP Site No:	C224306			Time:	6:30 – 14:30

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Tomas Monti (Environmental), Cristina Robles (Geotechnical)

AARCO: Sergio Magana, Rob Randazzo

Craig: Keith Parent, Sean Cleary

Site Activities

- AARCO used a track-mounted Geoprobe 6610 DT direct-push rig to advance soil boring locations LSB-1 through LSB-7 to a depth of about 25 feet below ground surface (bgs). Langan collected 16 soil samples from soil boring locations LSB-1 through LSB-7.
 - Refusal encountered at soil boring location LSB-6 at 20-feet bgs. Three additional attempts were made; however, refusal was still encountered at 20-feet bgs. The remainder of the boring will be completed with the Sonic rig at a later date.
- Craig, the geotechnical drilling contractor, used a CME Truck Mounted drill rig to drill geotechnical boring LB-2.

Samples Collected

- The following soil samples were collected and submitted to the laboratory to be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), herbicides, pesticides, target analyte list (TAL) metals, hexavalent chromium, polyfluoroalkyl substances (PFAS), and 1,4-dioxane. The samples were submitted to Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts.

LSB1_0-2	LSB3_0-2	LSB4_8-10	LSB6_0-2
LSB1_8-10	LSB3_13-15	LSB4_20-22	LSB6_13-15
LSB2_0-2	LSB3_20-22	LSB5_0-2	LSB7_0-2
LSB2_8-10	LSB4_0-2	LSB5_13-15	LSB7_8-10

- A MS/MSD was submitted with sample LSB5_02 for analysis of VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, PFAS, and 1,4-dioxane.
- Field Duplicate DUP01_042121 was submitted for analysis of VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, PFAS, and 1,4-dioxane.
- Trip Blank TB_01_042121 was collected and submitted for analysis of VOCs.
- Field Blanks FB01_042121 and FB02_042121 were collected and submitted for analysis of VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, PFAS, and 1,4-dioxane.

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at a dedicated location on the downwind perimeter of the site, as well as a personal DataRam (pDR) and PID at a work zone monitoring station.
 - Due to persistent rain, Langan could not implement CAMP from 7:12 to 9:28 and from 9:42 to 11:05.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the downwind CAMP station.
- Additionally, VOC and dust concentrations were periodically monitored at the wall of the adjacent occupied structure(s) when working within 20-feet of the structure(s) in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels.

Problems Encountered

- None

Activities Scheduled for Next Day

- Drilling and installation of environmental soil vapor points.

SITE MAP



LEGEND

- | | |
|--|---|
| Approximate Site Boundary | Work Zone Air Monitoring Station |
| Tax Lot | Downwind Perimeter Air Monitoring Station |
| AOC-1 - Historical Site Operations and Potential Historical Presence of USTs | Work Area |
| AOC-2 - Historical Adjacent and Surrounding Site Operations | Geotechnical boring |
| Proposed Building Extents | |
| Proposed Cellar Extents | |
| Anticipated Groundwater Flow Direction | |
| Ambient Air Sample (Langan 2015) | |
| Soil Boring (Langan 2015) | |
| Soil Vapor Sample (Langan 2015) | |
| Soil Boring/Monitoring Well (Langan 2015) | |
| Proposed Test Pit | |
| Proposed Soil Vapor Sample | |
| Proposed Soil Boring/Soil Vapor Sample | |
| Proposed Soil Boring/Monitoring Well/Soil Vapor Sample | |

NOTES

1. Aerial imagery provided by Nearmap Ltd., collected September 20, 2019.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning.
3. Historic sample locations from June 2015 Subsurface Investigation Report, prepared by Langan.
4. All historic sample locations are approximate.
5. UST fill port and piping were detected during NOVA's 2020 Geophysical Survey. Approximate locations of asphalt patches are based on field observations made by Langan in 2020.
6. Historic monitoring well MW11 will be resampled.
7. Proposed Test Pit locations may change based on field observations.
8. LSV-1 and LSV-2A through LSV-8A will be installed to 5 ft bgs and LSV-2B through LSV-8B will be installed to 20.5 ft bgs.

Photo Log

Photo 1 – Drilling at LSB-3, facing northwest.

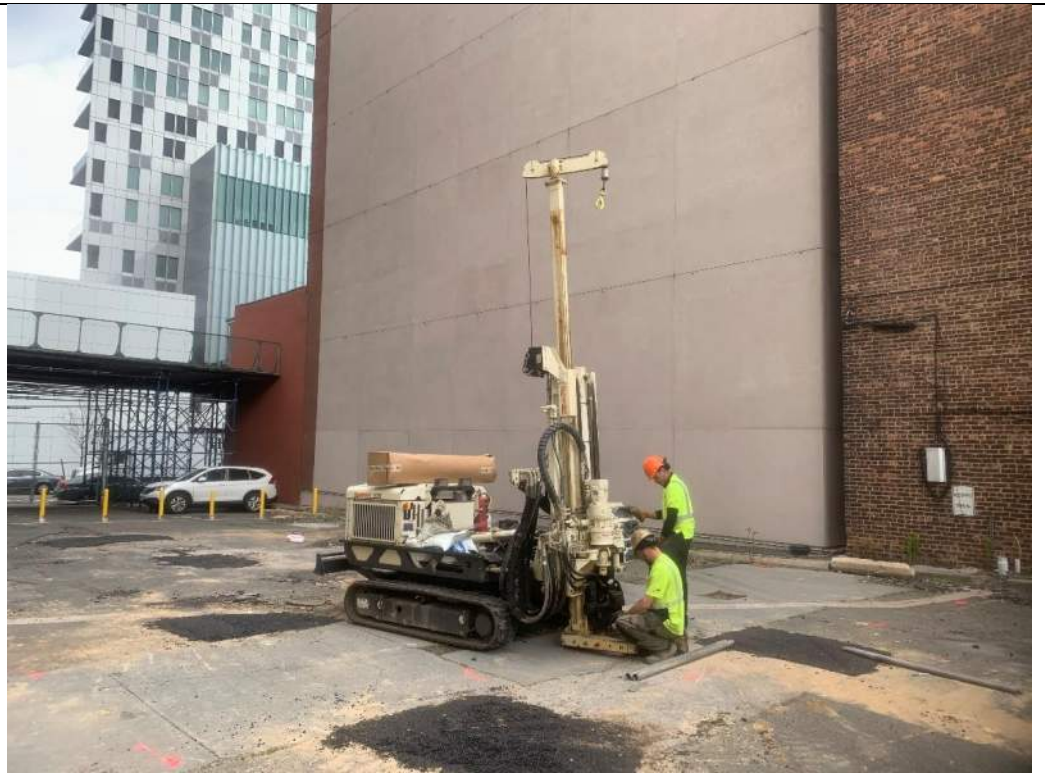


Photo 2 – Drilling at LSB-7, facing southwest.



DAILY STATUS REPORT

Prepared By: Nick Hodom

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70	X	70-85		>85	

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	04/22/2021
NYSDEC BCP Site No:	C224306			Time:	6:30 – 13:00

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Nick Hodom (Environmental)
AARCO: Sergio Magana, Rob Randazzo

Site Activities

- AARCO used a track-mounted Geoprobe 7822 DT direct-push rig to install soil vapor points at locations LSV-1 and LSV-2A through LSV-8A to a depth of about 5 feet below ground surface (bgs) and soil vapor locations LSV-2B through LSV-8B to a depth of about 20.5-feet bgs.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at a dedicated location on the downwind perimeter of the site, as well as a personal DataRam (pDR) and PID at a work zone monitoring station.
 - Due to a reoccurring flow error at the downwind DustTrack monitor, Langan could not implement the CAMP from 09:07 to 11:20. However, no visible dust was observed and dust concentrations that were manually recorded were below the STEL.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the downwind CAMP station.
- Additionally, VOC and dust concentrations were periodically monitored at the wall of the adjacent occupied structure(s) when working within 20-feet of the structure(s) in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels.

Problems Encountered

- None

Activities Scheduled for Next Day

- Sonic drilling and installation of environmental monitoring wells.

SITE MAP



LEGEND

- Approximate Site Boundary
- Tax Lot
- AOC-1 - Historical Site Operations and Potential Historical Presence of USTs
- AOC-2 - Historical Adjacent and Surrounding Site Operations
- Proposed Building Extents
- Proposed Cellar Extents
- Anticipated Groundwater Flow Direction
- + Ambient Air Sample (Langan 2015)
- ⊕ Soil Boring (Langan 2015)
- ▲ Soil Vapor Sample (Langan 2015)
- ⊗ Soil Boring/Monitoring Well (Langan 2015)
- ⊠ Proposed Test Pit
- ⊙ Proposed Soil Vapor Sample
- ⊕ Proposed Soil Boring/Soil Vapor Sample
- ▲ Proposed Soil Boring/Monitoring Well/Soil Vapor Sample
- W Work Zone Air Monitoring Station
- D Downwind Perimeter Air Monitoring Station
- W Work Area
- Geotechnical boring

NOTES

1. Aerial imagery provided by Nearmap Ltd., collected September 20, 2019.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning.
3. Historic sample locations from June 2015 Subsurface Investigation Report, prepared by Langan.
4. All historic sample locations are approximate.
5. UST fill port and piping were detected during NOVA's 2020 Geophysical Survey. Approximate locations of asphalt patches are based on field observations made by Langan in 2020.
6. Historic monitoring well MW11 will be resampled.
7. Proposed Test Pit locations may change based on field observations.
8. LSV-1 and LSV-2A through LSV-8A were installed to 5 ft bgs and LSV-2B through LSV-8B were installed to 20.5 ft bgs.

Photo Log

Photo 1 – Drilling at LSV-4A/B, facing west.



Photo 2 – Drilling at LSV-6A/B, facing northwest.



DAILY STATUS REPORT

Prepared By: Dayana Arrue

WEATHER	Snow	Rain	Overcast	Partly Cloudy	x	Bright Sun	x
TEMP.	< 32	32-50	x	50-70	x	70-85	>85

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	04/23/2021
NYSDEC BCP Site No:	C224306			Time:	6:45 – 16:00

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Dayana Arrue (Environmental)

AARCO: Tommy

NYC Transit: Martin DePasquale

Site Activities

- AARCO used a track-mounted Geoprobe 8140 LC sonic drill rig to advance soil boring locations LSB-1, LSB-5, and LSB-6 to a depth of about 50 feet below ground surface (bgs). Langan collected one soil sample from each of the soil boring locations LSB-1, LSB-5, and LSB-6.
 - The 0 to 25 feet bgs interval was bypassed at LSB-1 and LSB-5 and the 0 to 20 feet bgs interval was bypassed at LSB-6 as these intervals were previously logged on 4/21/21.
- AARCO installed the monitoring wells LMW-1, LMW-3, and LMW-4 at the boring locations LSB-1, LSB-5, and LSB-6, respectively. Monitoring wells were constructed using 2-inch-diameter polyvinyl chloride (PVC) riser pipe attached to 10-foot long Schedule 40, 0.020-inch slotted, 2-inch-diameter PVC screen. The monitoring wells were installed to depths of 47 and 49 feet bgs so that well screens straddle the water table encountered at approximately 40 to 42 feet bgs.

Samples Collected

- The following soil samples were collected and submitted to the laboratory to be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), herbicides, pesticides, target analyte list (TAL) metals, hexavalent chromium, polyfluoroalkyl substances (PFAS), and 1, 4-dioxane. The samples were submitted to Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts.

021_LSB1_40-42	022_LSB5_42-44	023_LSB6_42-44
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- Equipment Blank 024_EB_01_042321 was collected and submitted for analysis of PFAS.

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at a dedicated location on the downwind perimeter of the site, as well as a personal DataRam (pDR) and PID at a work zone monitoring station.
 - Due to one flow error at the downwind DustTrack monitor, Langan could not implement the CAMP from 07:52 to 09:36. However, no visible dust was observed during this time frame and work zone dust readings were below 0.100 mg/m³.
 - Due to a PID malfunction no data was recorded throughout the day, except for the timeframe of 14:31 to 14:36. However, VOC concentrations that were manually recorded throughout the day were below the short-term exposure limit (STEL).

CAMP (continued)

- No VOC or dust concentrations were detected in exceedance of the daily STEL at the downwind CAMP station.
- Additionally, VOC and dust concentrations were periodically monitored at the wall of the adjacent occupied structure(s) when working within 20-feet of the structure(s) in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels.

Problems Encountered

- None

Activities Scheduled for Next Day

- Sonic drilling and installation of environmental monitoring wells.

SITE MAP



LEGEND

	Approximate Site Boundary		Work Zone Air Monitoring Station
	Tax Lot		Downwind Perimeter Air Monitoring Station
	AOC-1 - Historical Site Operations and Potential Historical Presence of USTs		Work Area
	AOC-2 - Historical Adjacent and Surrounding Site Operations		Geotechnical boring
	Proposed Building Extents		
	Proposed Cellar Extents		
	Anticipated Groundwater Flow Direction		
	Ambient Air Sample (Langan 2015)		
	Soil Boring (Langan 2015)		
	Soil Vapor Sample (Langan 2015)		
	Soil Boring/Monitoring Well (Langan 2015)		
	Proposed Test Pit		
	Proposed Soil Vapor Sample		
	Proposed Soil Boring/Soil Vapor Sample		
	Proposed Soil Boring/Monitoring Well/Soil Vapor Sample		

NOTES

1. Aerial imagery provided by Nearmap Ltd., collected September 20, 2019.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning.
3. Historic sample locations from June 2015 Subsurface Investigation Report, prepared by Langan.
4. All historic sample locations are approximate.
5. UST fill port and piping were detected during NOVA's 2020 Geophysical Survey. Approximate locations of asphalt patches are based on field observations made by Langan in 2020.
6. Historic monitoring well MW11 will be resampled.
7. Proposed Test Pit locations may change based on field observations.
8. LSV-1 and LSV-2A through LSV-8A were installed to 5 ft bgs and LSV-2B through LSV-8B were installed to 20.5 ft bgs.

Photo Log

Photo 1 – Drilling at LSB-6, facing north.



Photo 2 – Drilling at LSB-5, facing northwest.



DAILY STATUS REPORT

Prepared By: Andrew Quinn

WEATHER	Snow	Rain	Overcast	Partly Cloudy	X	Bright Sun	X
TEMP.	< 32	32-50	50-70	X	70-85	>85	

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	04/26/2021
NYSDEC BCP Site No:	C224306			Time:	6:45 – 15:45

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Andrew Quinn (Environmental)

AARCO: Tommy

NYC Transit: Martin DePasquale

Site Activities

- AARCO used a track-mounted Geoprobe 8140 LC sonic drill rig to advance soil boring locations LSB-2 and LSB-7 to a depth of about 50 feet below ground surface (bgs). Langan collected one soil sample from each of the soil boring locations.
 - The 0 to 25 feet bgs interval was bypassed at LSB-2 and LSB-7 as this interval was previously logged at these locations on 4/21/21.
- AARCO installed the monitoring wells LMW-2 and LMW-5 at the boring locations LSB-2 and LSB-7, respectively. Monitoring wells were constructed using 2-inch-diameter polyvinyl chloride (PVC) riser pipe attached to 10-foot long Schedule 40, 0.020-inch slotted, 2-inch-diameter PVC screen. Both monitoring wells were installed to a depth of 49 feet bgs so that well screens straddle the water table encountered at approximately 42 feet bgs.
- AARCO developed monitoring wells LMW-1, LMW-2, LMW-3, LMW-4, and LMW-5.

Samples Collected

- The following soil samples were collected and submitted to the laboratory to be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), herbicides, pesticides, target analyte list (TAL) metals, hexavalent chromium, polyfluoroalkyl substances (PFAS), and 1,4-dioxane. The samples were submitted to Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts.

025_LSB2_42-44	027_LSB7_42-44
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- A MS/MSD was submitted with sample 027_LSB7_42-44 for analysis of VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, PFAS, and 1,4-dioxane.
- Field Duplicate 026_DUP2 was submitted for analysis of VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, PFAS, and 1,4-dioxane.
- Trip Blank 028_TB02_042621 was collected and submitted for analysis of VOCs.
- Equipment Blank 029_EB_02_042621 was collected and submitted for analysis of PFAS.

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at a dedicated location on the downwind perimeter of the site, as well as a personal DataRam (pDR) and PID at a work zone monitoring station.

CAMP (continued)

- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the downwind CAMP station.
- Additionally, VOC and dust concentrations were periodically monitored at the wall of the adjacent occupied structure(s) when working within 20-feet of the structure(s) in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels.

Problems Encountered

- None

Activities Scheduled for Next Day

- None. The remaining remedial investigation activities (i.e. groundwater and soil vapor sampling) will resume the week of May 3rd.

SITE MAP



LEGEND

	Approximate Site Boundary		Work Zone Air Monitoring Station
	Tax Lot		Downwind Perimeter Air Monitoring Station
	AOC-1 - Historical Site Operations and Potential Historical Presence of USTs		Work Area
	AOC-2 - Historical Adjacent and Surrounding Site Operations		Geotechnical boring
	Proposed Building Extents		
	Proposed Cellar Extents		
	Anticipated Groundwater Flow Direction		
	Ambient Air Sample (Langan 2015)		
	Soil Boring (Langan 2015)		
	Soil Vapor Sample (Langan 2015)		
	Soil Boring/Monitoring Well (Langan 2015)		
	Proposed Test Pit		
	Proposed Soil Vapor Sample		
	Proposed Soil Boring/Soil Vapor Sample		
	Proposed Soil Boring/Monitoring Well/Soil Vapor Sample		

NOTES

1. Aerial imagery provided by Nearmap Ltd., collected September 20, 2019.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning.
3. Historic sample locations from June 2015 Subsurface Investigation Report, prepared by Langan.
4. All historic sample locations are approximate.
5. UST fill port and piping were detected during NOVA's 2020 Geophysical Survey. Approximate locations of asphalt patches are based on field observations made by Langan in 2020.
6. Historic monitoring well MW11 will be resampled.
7. Proposed Test Pit locations may change based on field observations.
8. LSV-1 and LSV-2A through LSV-8A were installed to 5 ft bgs and LSV-2B through LSV-8B were installed to 20.5 ft bgs.

Photo Log

Photo 1 – Drilling at LSB-7, facing north.



Photo 2 – Completed installation of LMW-2.



DAILY STATUS REPORT

Prepared By: Molly Mattern

WEATHER	Snow	Rain	X	Overcast	Partly Cloudy	X	Bright Sun
TEMP.	< 32	32-50		50-70	X	70-85	>85

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	05/03/2021
NYSDEC BCP Site No:	C224306			Time:	6:45 – 17:15

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Molly Mattern (Environmental), Seyena Simpson (Environmental)

Site Activities

- Langan conducted low-flow groundwater sampling at LMW-4 and LMW-5.

Samples Collected

- The following groundwater samples were collected and submitted to the laboratory to be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), herbicides, pesticides, total and dissolved target analyte list (TAL) metals, hexavalent and trivalent chromium, polyfluoroalkyl substances (PFAS), and 1, 4-dioxane. The samples were submitted to Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts.

047_LMW-5

048_LMW-4

- A MS/MSD was submitted with sample 047_LMW-5 for analysis of VOCs, SVOCs, PCBs, pesticides, herbicides, total and dissolved TAL metals, hexavalent and trivalent chromium, PFAS, and 1,4-dioxane.
- Field Duplicate 049_DUP-1 (collected from LMW-4) was submitted for analysis of VOCs, SVOCs, PCBs, pesticides, herbicides, total and dissolved TAL metals, hexavalent and trivalent chromium, PFAS, and 1,4-dioxane.
- Trip Blank 052_TB_050321 was collected and submitted for analysis of VOCs.
- Equipment Blank 051_EB_050321 was collected and submitted for analysis of PFAS.

Community Air Monitoring Program (CAMP)

- No CAMP implemented as no soil disturbance occurred.

Problems Encountered

- None

Activities Scheduled for Next Day

- Continue groundwater and soil vapor sampling activities.

Photo Log

Photo 1 – Groundwater sampling at LMW-5 facing west.



Photo 2 – Groundwater sample collection at LMW-5.



DAILY STATUS REPORT

Prepared By: Seyena Simpson

WEATHER	Snow	Rain	Overcast	Partly Cloudy	x	Bright Sun	x
TEMP.	< 32	32-50	50-70	x	70-85	x	>85

Langan Project No:	100842301	Project:	130 Saint Felix Street	Date:	05/04/2021
NYSDEC BCP Site No:	C224306			Time:	6:30 – 17:30

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Molly Mattern (Environmental), Seyena Simpson (Environmental)

Site Activities

- Langan conducted low-flow groundwater sampling at LMW-1, LMW-2, LMW-3, and MW11.
- Langan conducted soil vapor sampling at LSV-1, LSV-2A, LSV-2B, LSV-3A, LSV-3B, LSV-4A, LSV-4B, LSV-5A, LSV-5B, LSV-6A, LSV-6B, LSV-7A, LSV-7B, LSV-8A, and LSV-8B.

Samples Collected

- The following groundwater samples were collected and submitted to the laboratory to be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), herbicides, pesticides, total and dissolved target analyte list (TAL) metals, hexavalent and trivalent chromium, polyfluoroalkyl substances (PFAS), and 1, 4-dioxane. The samples were submitted to Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts.

053_LMW-3
054_LMW-2
055_LMW-1
056_MW11

- Trip Blank 057_TB_050421 was collected and submitted for analysis of VOCs.
- Equipment Blank 058_EB_050421 was collected and submitted for analysis of PFAS.
- The following soil vapor samples were collected and submitted to the laboratory to be analyzed for volatile organic compounds (VOCs):

Sample ID	Sample Depth (feet bgs)
045_LSV-1	5
043_LSV-2A	5
044_LSV-2B	20.5
035_LSV-3A	5
036_LSV-3B	20.5
041_LSV-4A	5
042_LSV-4B	20.5
033_LSV-5A	5
034_LSV-5B	20.5
031_LSV-6A	5
032_LSV-6B	20.5
037_LSV-7A	5
038_LSV-7B	20.5
039_LSV-8A	5
040_LSV-8B	20.5

Sample ID	Sample Depth (feet bgs)
030_Ambient-1	--
046_DUP-1	5 (Parent – LSV-1)

Community Air Monitoring Program (CAMP)

- No CAMP implemented as no soil disturbance occurred.

Problems Encountered

- None

Activities Scheduled for Next Day

- None; RI activities are complete.

SITE MAP



LEGEND

Approximate Site Boundary	Work Zone Air Monitoring Station
Tax Lot	Downwind Perimeter Air Monitoring Station
AOC-1 - Historical Site Operations and Potential Historical Presence of USTs	Work Area
AOC-2 - Historical Adjacent and Surrounding Site Operations	Geotechnical boring
Proposed Building Extents	
Proposed Cellar Extents	
Anticipated Groundwater Flow Direction	
Ambient Air Sample (Langan 2015)	
Soil Boring (Langan 2015)	
Soil Vapor Sample (Langan 2015)	
Soil Boring/Monitoring Well (Langan 2015)	
Proposed Test Pit	
Proposed Soil Vapor Sample	
Proposed Soil Boring/Soil Vapor Sample	
Proposed Soil Boring/Monitoring Well/Soil Vapor Sample	

NOTES

1. Aerial imagery provided by Nearmap Ltd., collected September 20, 2019.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning.
3. Historic sample locations from June 2015 Subsurface Investigation Report, prepared by Langan.
4. All historic sample locations are approximate.
5. UST fill port and piping were detected during NOVA's 2020 Geophysical Survey. Approximate locations of asphalt patches are based on field observations made by Langan in 2020.
6. Historic monitoring well MW11 will be resampled.
7. Proposed Test Pit locations may change based on field observations.
8. LSV-1 and LSV-2A through LSV-8A were installed to 5 ft bgs and LSV-2B through LSV-8B were installed to 20.5 ft bgs.

Photo Log

Photo 1 – Groundwater sampling at LMW-3 facing southeast.




Photo 2 – Helium leak detector test prior to soil vapor sampling, facing south.

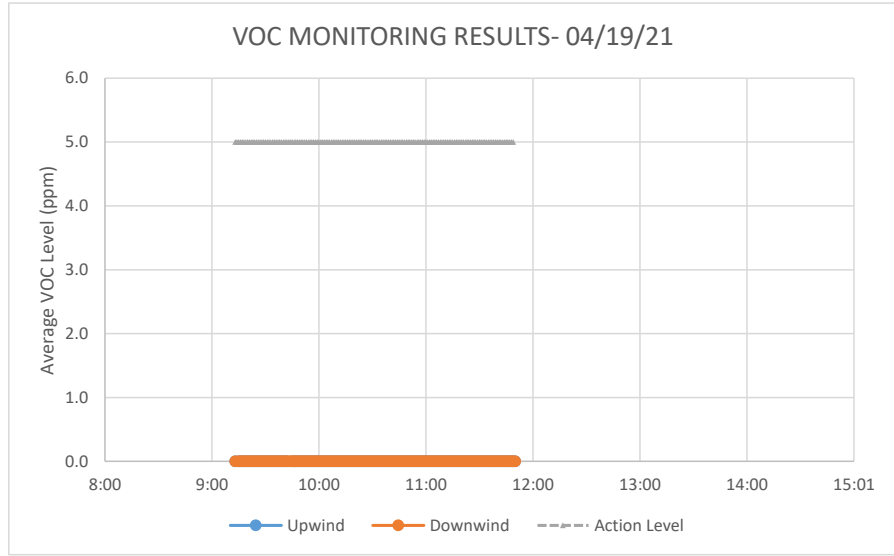
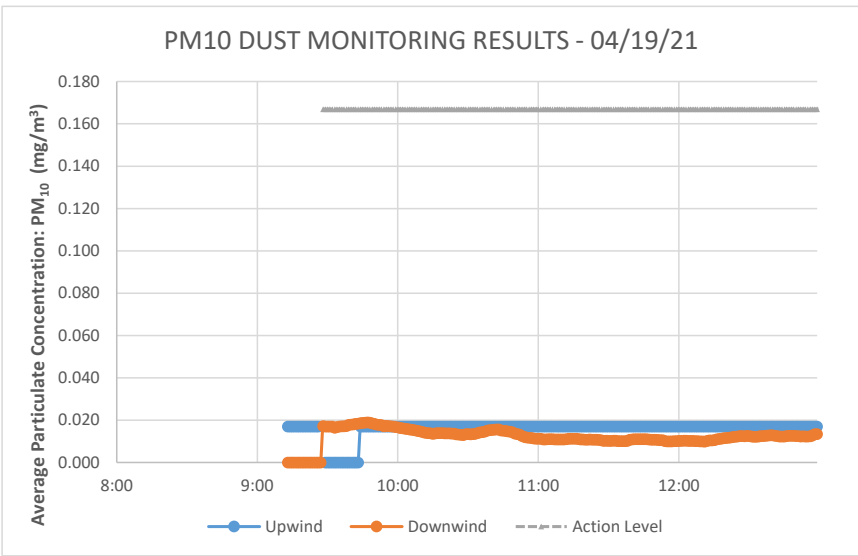


Photo 3 – Soil vapor sampling collection at LSV-5A into 6 Liter Summa canisters, facing north.



	DAILY AIR MONITORING REPORT 130 Saint Felix Street Site 130 Saint Felix Street, Brooklyn, NY	04/19/21		
		Project number: 100842301		
		Page 1 of 1		Rev. No. 0
		Submitted By:		
		Dust Action Level		0.150 mg/m ³
TVOC Action Level		5 ppm		

Station Location Work Area	Daily Avg. Dust Concentration (mg/m ³)	Max 15 Min Dust Concentration (mg/m ³)	Time of Max 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Downwind	0.014	0.020	13:12	0.0	0.0	N/A



Air Monitoring Notes: VOC readings were only logged from 9:14 AM to 11:51 AM due to equipment malfunction. Readings were collected manually and confirmed to be below the action level.

Weather Notes: Clear, 52-62°F

Monday, April 19, 2021

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 =	0
Number of Comparable Data Points =	268
Start Time:	9:14
End Time:	14:13

PARTICULATE DATA

Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	
9:14	0.017	-	9:14	0.017	-	-
9:15	0.017	-	9:15	0.018	-	-
9:16	0.017	-	9:16	0.016	-	-
9:17	0.017	-	9:17	0.016	-	-
9:18	0.017	-	9:18	0.016	-	-
9:19	0.017	-	9:19	0.025	-	-
9:20	0.017	-	9:20	0.018	-	-
9:21	0.017	-	9:21	0.017	-	-
9:22	0.017	-	9:22	0.018	-	-
9:23	0.017	-	9:23	0.018	-	-
9:24	0.017	-	9:24	0.017	-	-
9:25	0.017	-	9:25	0.017	-	-
9:26	0.017	-	9:26	0.017	-	-
9:27	0.017	-	9:27	0.016	-	-
9:28	0.017	-	9:28	0.015	-	-
9:29	0.017	0.017	9:29	0.014	0.017	-
9:30	0.017	0.017	9:30	0.014	0.017	-
9:31	0.017	0.017	9:31	0.016	0.017	-
9:32	0.017	0.017	9:32	0.016	0.017	-
9:33	0.017	0.017	9:33	0.016	0.017	-
9:34	0.017	0.017	9:34	0.018	0.016	-
9:35	0.017	0.017	9:35	0.022	0.017	-
9:36	0.017	0.017	9:36	0.020	0.017	-
9:37	0.017	0.017	9:37	0.020	0.017	-
9:38	0.017	0.017	9:38	0.019	0.017	-
9:39	0.017	0.017	9:39	0.019	0.017	-
9:40	0.017	0.017	9:40	0.025	0.018	-
9:41	0.017	0.017	9:41	0.018	0.018	-
9:42	0.017	0.017	9:42	0.019	0.018	-
9:43			9:43	0.017	0.018	-
9:44			9:44	0.017	0.018	-
9:45	0.017	-	9:45	0.017	0.019	-
9:46	0.017	-	9:46	0.017	0.019	-
9:47	0.017	-	9:47	0.019	0.019	-
9:48	0.017	-	9:48	0.017	0.019	-
9:49	0.017	-	9:49	0.016	0.019	-
9:50	0.017	-	9:50	0.017	0.018	-
9:51	0.017	-	9:51	0.016	0.018	-
9:52	0.017	-	9:52	0.015	0.018	-
9:53	0.017	-	9:53	0.018	0.018	-
9:54	0.017	-	9:54	0.017	0.018	-
9:55	0.017	-	9:55	0.017	0.017	-
9:56	0.017	-	9:56	0.021	0.017	-

9:57	0.017	-	9:57	0.018	0.017	-
9:58	0.017	-	9:58	0.015	0.017	-
9:59	0.017	-	9:59	0.015	0.017	-
10:00	0.017	0.017	10:00	0.014	0.017	-
10:01	0.017	0.017	10:01	0.015	0.017	-
10:02	0.017	0.017	10:02	0.014	0.016	-
10:03	0.017	0.017	10:03	0.014	0.016	-
10:04	0.017	0.017	10:04	0.014	0.016	-
10:05	0.017	0.017	10:05	0.014	0.016	-
10:06	0.017	0.017	10:06	0.014	0.016	-
10:07	0.017	0.017	10:07	0.013	0.016	-
10:08	0.017	0.017	10:08	0.014	0.015	-
10:09	0.017	0.017	10:09	0.014	0.015	-
10:10	0.017	0.017	10:10	0.013	0.015	-
10:11	0.017	0.017	10:11	0.017	0.015	-
10:12	0.017	0.017	10:12	0.013	0.014	-
10:13	0.017	0.017	10:13	0.012	0.014	-
10:14	0.017	0.017	10:14	0.014	0.014	-
10:15	0.017	0.017	10:15	0.012	0.014	-
10:16	0.017	0.017	10:16	0.012	0.014	-
10:17	0.017	0.017	10:17	0.016	0.014	-
10:18	0.017	0.017	10:18	0.016	0.014	-
10:19	0.017	0.017	10:19	0.014	0.014	-
10:20	0.017	0.017	10:20	0.014	0.014	-
10:21	0.017	0.017	10:21	0.013	0.014	-
10:22	0.017	0.017	10:22	0.013	0.014	-
10:23	0.017	0.017	10:23	0.013	0.014	-
10:24	0.017	0.017	10:24	0.013	0.014	-
10:25	0.017	0.017	10:25	0.013	0.014	-
10:26	0.017	0.017	10:26	0.012	0.013	-
10:27	0.017	0.017	10:27	0.011	0.013	-
10:28	0.017	0.017	10:28	0.011	0.013	-
10:29	0.017	0.017	10:29	0.012	0.013	-
10:30	0.017	0.017	10:30	0.018	0.013	-
10:31	0.017	0.017	10:31	0.013	0.013	-
10:32	0.017	0.017	10:32	0.014	0.013	-
10:33	0.017	0.017	10:33	0.018	0.013	-
10:34	0.017	0.017	10:34	0.016	0.014	-
10:35	0.017	0.017	10:35	0.018	0.014	-
10:36	0.017	0.017	10:36	0.019	0.014	-
10:37	0.017	0.017	10:37	0.014	0.014	-
10:38	0.017	0.017	10:38	0.016	0.015	-
10:39	0.017	0.017	10:39	0.020	0.015	-
10:40	0.017	0.017	10:40	0.017	0.015	-
10:41	0.017	0.017	10:41	0.013	0.015	-
10:42	0.017	0.017	10:42	0.014	0.016	-
10:43	0.017	0.017	10:43	0.012	0.016	-
10:44	0.017	0.017	10:44	0.012	0.016	-
10:45	0.017	0.017	10:45	0.012	0.015	-
10:46	0.017	0.017	10:46	0.011	0.015	-
10:47	0.017	0.017	10:47	0.012	0.015	-
10:48	0.017	0.017	10:48	0.015	0.015	-
10:49	0.017	0.017	10:49	0.014	0.015	-
10:50	0.017	0.017	10:50	0.012	0.014	-
10:51	0.017	0.017	10:51	0.011	0.014	-
10:52	0.017	0.017	10:52	0.011	0.013	-

10:53	0.017	0.017	10:53	0.012	0.013	-
10:54	0.017	0.017	10:54	0.010	0.013	-
10:55	0.017	0.017	10:55	0.010	0.012	-
10:56	0.017	0.017	10:56	0.010	0.012	-
10:57	0.017	0.017	10:57	0.011	0.012	-
10:58	0.017	0.017	10:58	0.010	0.012	-
10:59	0.017	0.017	10:59	0.010	0.011	-
11:00	0.017	0.017	11:00	0.010	0.011	-
11:01	0.017	0.017	11:01	0.011	0.011	-
11:02	0.017	0.017	11:02	0.011	0.011	-
11:03	0.017	0.017	11:03	0.011	0.011	-
11:04	0.017	0.017	11:04	0.013	0.011	-
11:05	0.017	0.017	11:05	0.014	0.011	-
11:06	0.017	0.017	11:06	0.012	0.011	-
11:07	0.017	0.017	11:07	0.010	0.011	-
11:08	0.017	0.017	11:08	0.010	0.011	-
11:09	0.017	0.017	11:09	0.010	0.011	-
11:10	0.017	0.017	11:10	0.010	0.011	-
11:11	0.017	0.017	11:11	0.010	0.011	-
11:12	0.017	0.017	11:12	0.011	0.011	-
11:13	0.017	0.017	11:13	0.013	0.011	-
11:14	0.017	0.017	11:14	0.013	0.011	-
11:15	0.017	0.017	11:15	0.010	0.011	-
11:16	0.017	0.017	11:16	0.011	0.011	-
11:17	0.017	0.017	11:17	0.010	0.011	-
11:18	0.017	0.017	11:18	0.010	0.011	-
11:19	0.017	0.017	11:19	0.010	0.011	-
11:20	0.017	0.017	11:20	0.013	0.011	-
11:21	0.017	0.017	11:21	0.011	0.011	-
11:22	0.017	0.017	11:22	0.010	0.011	-
11:23	0.017	0.017	11:23	0.011	0.011	-
11:24	0.017	0.017	11:24	0.009	0.011	-
11:25	0.017	0.017	11:25	0.010	0.011	-
11:26	0.017	0.017	11:26	0.010	0.011	-
11:27	0.017	0.017	11:27	0.009	0.011	-
11:28	0.017	0.017	11:28	0.010	0.010	-
11:29	0.017	0.017	11:29	0.010	0.010	-
11:30	0.017	0.017	11:30	0.011	0.010	-
11:31	0.017	0.017	11:31	0.010	0.010	-
11:32	0.017	0.017	11:32	0.010	0.010	-
11:33	0.017	0.017	11:33	0.011	0.010	-
11:34	0.017	0.017	11:34	0.010	0.010	-
11:35	0.017	0.017	11:35	0.010	0.010	-
11:36	0.017	0.017	11:36	0.010	0.010	-
11:37	0.017	0.017	11:37	0.011	0.010	-
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11:39	0.017	0.017	11:39	0.011	0.010	-
11:40	0.017	0.017	11:40	0.018	0.011	-
11:41	0.017	0.017	11:41	0.012	0.011	-
11:42	0.017	0.017	11:42	0.011	0.011	-
11:43	0.017	0.017	11:43	0.010	0.011	-
11:44	0.017	0.017	11:44	0.010	0.011	-
11:45	0.017	0.017	11:45	0.010	0.011	-
11:46	0.017	0.017	11:46	0.010	0.011	-
11:47	0.017	0.017	11:47	0.010	0.011	-
11:48	0.017	0.017	11:48	0.009	0.011	-

11:49	0.017	0.017	11:49	0.009	0.011	-
11:50	0.017	0.017	11:50	0.010	0.011	-
11:51	0.017	0.017	11:51	0.009	0.011	-
11:52	0.017	0.017	11:52	0.010	0.011	-
11:53	0.017	0.017	11:53	0.010	0.011	-
11:54	0.017	0.017	11:54	0.010	0.011	-
11:55	0.017	0.017	11:55	0.011	0.010	-
11:56	0.017	0.017	11:56	0.011	0.010	-
11:57	0.017	0.017	11:57	0.011	0.010	-
11:58	0.017	0.017	11:58	0.010	0.010	-
11:59	0.017	0.017	11:59	0.011	0.010	-
12:00	0.017	0.017	12:00	0.010	0.010	-
12:01	0.017	0.017	12:01	0.012	0.010	-
12:02	0.017	0.017	12:02	0.011	0.010	-
12:03	0.017	0.017	12:03	0.010	0.010	-
12:04	0.017	0.017	12:04	0.009	0.010	-
12:05	0.017	0.017	12:05	0.009	0.010	-
12:06	0.017	0.017	12:06	0.009	0.010	-
12:07	0.017	0.017	12:07	0.009	0.010	-
12:08	0.017	0.017	12:08	0.009	0.010	-
12:09	0.017	0.017	12:09	0.009	0.010	-
12:10	0.017	0.017	12:10	0.010	0.010	-
12:11	0.017	0.017	12:11	0.010	0.010	-
12:12	0.017	0.017	12:12	0.010	0.010	-
12:13	0.017	0.017	12:13	0.015	0.010	-
12:14	0.017	0.017	12:14	0.015	0.010	-
12:15	0.017	0.017	12:15	0.010	0.010	-
12:16	0.017	0.017	12:16	0.014	0.011	-
12:17	0.017	0.017	12:17	0.015	0.011	-
12:18	0.017	0.017	12:18	0.014	0.011	-
12:19	0.017	0.017	12:19	0.011	0.011	-
12:20	0.017	0.017	12:20	0.012	0.011	-
12:21	0.017	0.017	12:21	0.010	0.012	-
12:22	0.017	0.017	12:22	0.011	0.012	-
12:23	0.017	0.017	12:23	0.012	0.012	-
12:24	0.017	0.017	12:24	0.012	0.012	-
12:25	0.017	0.017	12:25	0.012	0.012	-
12:26	0.017	0.017	12:26	0.012	0.012	-
12:27	0.017	0.017	12:27	0.013	0.013	-
12:28	0.017	0.017	12:28	0.014	0.012	-
12:29	0.017	0.017	12:29	0.014	0.012	-
12:30	0.017	0.017	12:30	0.013	0.013	-
12:31	0.017	0.017	12:31	0.012	0.012	-
12:32	0.017	0.017	12:32	0.012	0.012	-
12:33	0.017	0.017	12:33	0.012	0.012	-
12:34	0.017	0.017	12:34	0.012	0.012	-
12:35	0.017	0.017	12:35	0.013	0.012	-
12:36	0.017	0.017	12:36	0.013	0.012	-
12:37	0.017	0.017	12:37	0.012	0.013	-
12:38	0.017	0.017	12:38	0.014	0.013	-
12:39	0.017	0.017	12:39	0.013	0.013	-
12:40	0.017	0.017	12:40	0.013	0.013	-
12:41	0.017	0.017	12:41	0.012	0.013	-
12:42	0.017	0.017	12:42	0.011	0.013	-
12:43	0.017	0.017	12:43	0.011	0.012	-
12:44	0.017	0.017	12:44	0.012	0.012	-

12:45	0.017	0.017	12:45	0.013	0.012	-
12:46	0.017	0.017	12:46	0.012	0.012	-
12:47	0.017	0.017	12:47	0.014	0.012	-
12:48	0.017	0.017	12:48	0.014	0.013	-
12:49	0.017	0.017	12:49	0.013	0.013	-
12:50	0.017	0.017	12:50	0.012	0.013	-
12:51	0.017	0.017	12:51	0.011	0.012	-
12:52	0.017	0.017	12:52	0.012	0.012	-
12:53	0.017	0.017	12:53	0.012	0.012	-
12:54	0.017	0.017	12:54	0.014	0.012	-
12:55	0.017	0.017	12:55	0.012	0.012	-
12:56	0.017	0.017	12:56	0.012	0.012	-
12:57	0.017	0.017	12:57	0.012	0.012	-
12:58	0.017	0.017	12:58	0.016	0.013	-
12:59	0.017	0.017	12:59	0.023	0.013	-
13:00	0.017	0.017	13:00	0.013	0.013	-
13:01	0.017	0.017	13:01	0.015	0.014	-
13:02	0.017	0.017	13:02	0.029	0.015	-
13:03	0.017	0.017	13:03	0.014	0.015	-
13:04	0.017	0.017	13:04	0.014	0.015	-
13:05	0.017	0.017	13:05	0.019	0.015	-
13:06	0.017	0.017	13:06	0.019	0.016	-
13:07	0.017	0.017	13:07	0.014	0.016	-
13:08	0.017	0.017	13:08	0.022	0.017	-
13:09	0.017	0.017	13:09	0.054	0.019	-
13:10	0.017	0.017	13:10	0.021	0.020	-
13:11	0.017	0.017	13:11	0.016	0.020	-
13:12	0.017	0.017	13:12	0.016	0.020	-
13:13	0.017	0.017	13:13	0.016	0.020	-
13:14	0.017	0.017	13:14	0.014	0.020	-
13:15	0.017	0.017	13:15	0.014	0.020	-
13:16	0.017	0.017	13:16	0.014	0.020	-
13:17	0.017	0.017	13:17	0.016	0.019	-
13:18	0.017	0.017	13:18	0.015	0.019	-
13:19	0.017	0.017	13:19	0.014	0.019	-
13:20	0.017	0.017	13:20	0.016	0.019	-
13:21	0.017	0.017	13:21	0.016	0.019	-
13:22	0.017	0.017	13:22	0.014	0.019	-
13:23	0.017	0.017	13:23	0.016	0.018	-
13:24	0.017	0.017	13:24	0.015	0.016	-
13:25	0.017	0.017	13:25	0.016	0.015	-
13:26	0.017	0.017	13:26	0.015	0.015	-
13:27	0.017	0.017	13:27	0.016	0.015	-
13:28	0.017	0.017	13:28	0.017	0.015	-
13:29	0.017	0.017	13:29	0.016	0.015	-
13:30	0.017	0.017	13:30	0.015	0.015	-
13:31	0.017	0.017	13:31	0.018	0.016	-
13:32	0.017	0.017	13:32	0.015	0.016	-
13:33	0.017	0.017	13:33	0.015	0.016	-
13:34	0.017	0.017	13:34	0.014	0.016	-
13:35	0.017	0.017	13:35	0.014	0.015	-
13:36	0.017	0.017	13:36	0.014	0.015	-
13:37	0.017	0.017	13:37	0.018	0.016	-
13:38	0.017	0.017	13:38	0.020	0.016	-
13:39	0.017	0.017	13:39	0.018	0.016	-
13:40	0.017	0.017	13:40	0.018	0.016	-

13:41	0.017	0.017	13:41	0.016	0.016	-
13:42	0.017	0.017	13:42	0.017	0.016	-
13:43	0.017	0.017	13:43	0.017	0.016	-
13:44	0.017	0.017	13:44	0.015	0.016	-
13:45	0.017	0.017	13:45	0.015	0.016	-
13:46	0.017	0.017	13:46	0.016	0.016	-
13:47	0.017	0.017	13:47	0.015	0.016	-
13:48	0.017	0.017	13:48	0.017	0.016	-
13:49	0.017	0.017	13:49	0.017	0.016	-
13:50	0.017	0.017	13:50	0.017	0.017	-
13:51	0.017	0.017	13:51	0.017	0.017	-
13:52	0.017	0.017	13:52	0.015	0.017	-
13:53	0.017	0.017	13:53	0.016	0.016	-
13:54	0.017	0.017	13:54	0.018	0.016	-
13:55	0.017	0.017	13:55	0.018	0.016	-
13:56	0.017	0.017	13:56	0.019	0.017	-
13:57	0.017	0.017	13:57	0.018	0.017	-
13:58	0.017	0.017	13:58	0.018	0.017	-
13:59	0.017	0.017	13:59	0.021	0.017	-
14:00	0.017	0.017	14:00	0.025	0.018	-
14:01	0.017	0.017	14:01	0.022	0.018	-
14:02	0.017	0.017	14:02	0.017	0.018	-
14:03	0.017	0.017	14:03	0.016	0.018	-
14:04	0.017	0.017	14:04	0.015	0.018	-
14:05	0.017	0.017	14:05	0.016	0.018	-
14:06	0.017	0.017	14:06	0.019	0.018	-
14:07	0.017	0.017	14:07	0.020	0.019	-
14:08	0.017	0.017	14:08	0.019	0.019	-
14:09	0.017	0.017	14:09	0.019	0.019	-
14:10	0.017	0.017	14:10	0.018	0.019	-
14:11	0.017	0.017	14:11	0.035	0.020	-
14:12	0.017	0.017	14:12	0.018	0.020	-
14:13	0.017	0.017	14:13	0.018	0.020	-

Monday, April 19, 2021

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0
Number of Comparable Data Points = 125
Start Time: 9:14
End Time: 11:51

PID DATA

Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:14	0.0	-	9:14	0.0	-	-
9:16	0.0	-	9:16	0.0	-	-
9:17	0.0	-	9:17	0.0	-	-
9:18	0.0	-	9:18	0.0	-	-
9:19	0.0	-	9:19	0.0	-	-
9:20	0.0	-	9:20	0.0	-	-
9:21	0.0	-	9:21	0.0	-	-
9:22	0.0	-	9:22	0.0	-	-
9:23	0.0	-	9:23	0.0	-	-
9:24	0.0	-	9:24	0.0	-	-
9:25	0.0	-	9:25	0.0	-	-
9:26	0.0	-	9:26	0.0	-	-
9:27	0.0	-	9:27	0.0	-	-
9:28	0.0	-	9:28	0.0	-	-
9:29	0.0	-	9:29	0.0	-	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44			9:44	0.0	0.0	-
9:45			9:45	0.0	0.0	-
9:46	0.0	-	9:46	0.0	0.0	-
9:47	0.0	-	9:47	0.0	0.0	-
9:48	0.0	-	9:48	0.0	0.0	-
9:49	0.0	-	9:49	0.0	0.0	-
9:50	0.0	-	9:50	0.0	0.0	-
9:51	0.0	-	9:51	0.0	0.0	-
9:52	0.0	-	9:52	0.0	0.0	-
9:53	0.0	-	9:53	0.0	0.0	-
9:54	0.0	-	9:54	0.0	0.0	-
9:55	0.0	-	9:55	0.0	0.0	-
9:56	0.0	-	9:56	0.0	0.0	-
9:57	0.0	-	9:57	0.0	0.0	-
9:58	0.0	-	9:58	0.0	0.0	-

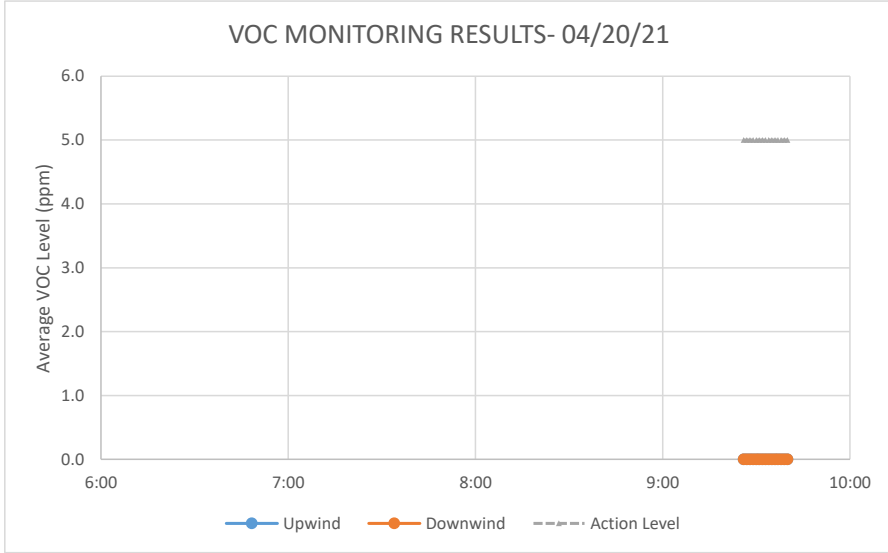
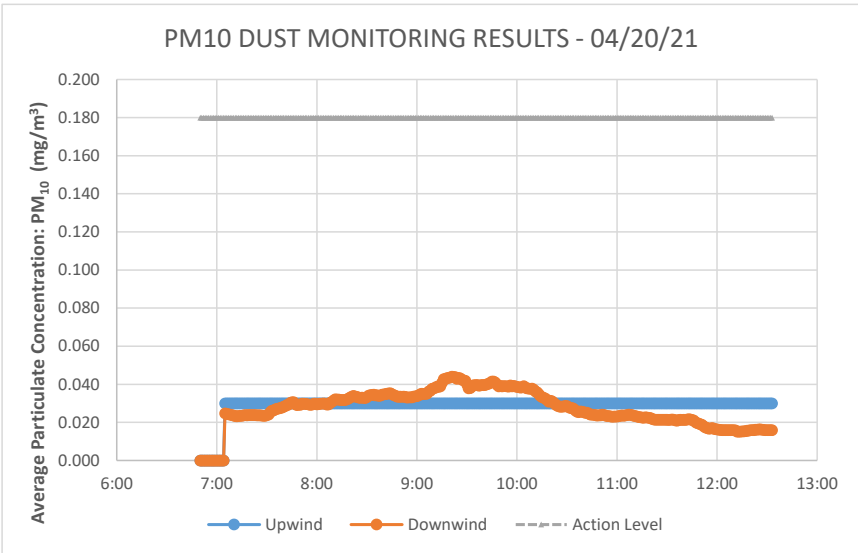
9:59	0.0	-	9:59	0.0	0.0	-
10:00	0.0	-	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-

10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-

11:51	0.0	0.0	11:51	0.0	0.0	-
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	DAILY AIR MONITORING REPORT		04/20/21	
	130 Saint Felix Street Site			
	130 Saint Felix Street, Brooklyn, NY			
	Project number: 100842301			Rev. No. 0
	Page 1 of 1 Submitted By:			
Dust Action Level			0.150 mg/m ³	
TVOC Action Level			5 ppm	

Station Location Work Area	Daily Avg. Dust Concentration (mg/m ³)	Max 15 Min Dust Concentration (mg/m ³)	Time of Max 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Downwind	0.028	0.044	9:21	0.0	0.0	N/A



Air Monitoring Notes: VOC readings were only logged from 9:26 AM to 9:40 AM due to equipment malfunction. Readings were collected manually and confirmed to be below the action level.

Weather Notes: Clear, 54-74°F

Tuesday, April 20, 2021

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 =	0
Number of Comparable Data Points =	329
Start Time:	6:50
End Time:	12:33

PARTICULATE DATA

Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	
6:50	0.030	-	6:50	0.030	-	-
6:51	0.030	-	6:51	0.027	-	-
6:52	0.030	-	6:52	0.027	-	-
6:53	0.030	-	6:53	0.027	-	-
6:54	0.030	-	6:54	0.028	-	-
6:55	0.030	-	6:55	0.027	-	-
6:56	0.030	-	6:56	0.026	-	-
6:57	0.030	-	6:57	0.026	-	-
6:58	0.030	-	6:58	0.024	-	-
6:59	0.030	-	6:59	0.023	-	-
7:00	0.030	-	7:00	0.022	-	-
7:01	0.030	-	7:01	0.021	-	-
7:02	0.030	-	7:02	0.023	-	-
7:03	0.030	-	7:03	0.024	-	-
7:04	0.030	-	7:04	0.023	-	-
7:05	0.030	0.030	7:05	0.023	0.025	-
7:06	0.030	0.030	7:06	0.023	0.024	-
7:07	0.030	0.030	7:07	0.024	0.024	-
7:08	0.030	0.030	7:08	0.024	0.024	-
7:09	0.030	0.030	7:09	0.025	0.024	-
7:10	0.030	0.030	7:10	0.023	0.024	-
7:11	0.030	0.030	7:11	0.023	0.023	-
7:12	0.030	0.030	7:12	0.024	0.023	-
7:13	0.030	0.030	7:13	0.025	0.023	-
7:14	0.030	0.030	7:14	0.025	0.023	-
7:15	0.030	0.030	7:15	0.023	0.024	-
7:16	0.030	0.030	7:16	0.024	0.024	-
7:17	0.030	0.030	7:17	0.024	0.024	-
7:18	0.030	0.030	7:18	0.023	0.024	-
7:19	0.030	0.030	7:19	0.024	0.024	-
7:20	0.030	0.030	7:20	0.024	0.024	-
7:21	0.030	0.030	7:21	0.023	0.024	-
7:22	0.030	0.030	7:22	0.024	0.024	-
7:23	0.030	0.030	7:23	0.023	0.024	-
7:24	0.030	0.030	7:24	0.023	0.024	-
7:25	0.030	0.030	7:25	0.023	0.024	-
7:26	0.030	0.030	7:26	0.023	0.024	-
7:27	0.030	0.030	7:27	0.023	0.024	-
7:28	0.030	0.030	7:28	0.024	0.024	-
7:29	0.030	0.030	7:29	0.024	0.023	-
7:30	0.030	0.030	7:30	0.028	0.024	-
7:31	0.030	0.030	7:31	0.028	0.024	-
7:32	0.030	0.030	7:32	0.043	0.025	-

7:33	0.030	0.030	7:33	0.036	0.026	-
7:34	0.030	0.030	7:34	0.026	0.026	-
7:35	0.030	0.030	7:35	0.031	0.027	-
7:36	0.030	0.030	7:36	0.028	0.027	-
7:37	0.030	0.030	7:37	0.026	0.027	-
7:38	0.030	0.030	7:38	0.027	0.028	-
7:39	0.030	0.030	7:39	0.028	0.028	-
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Tuesday, April 20, 2021

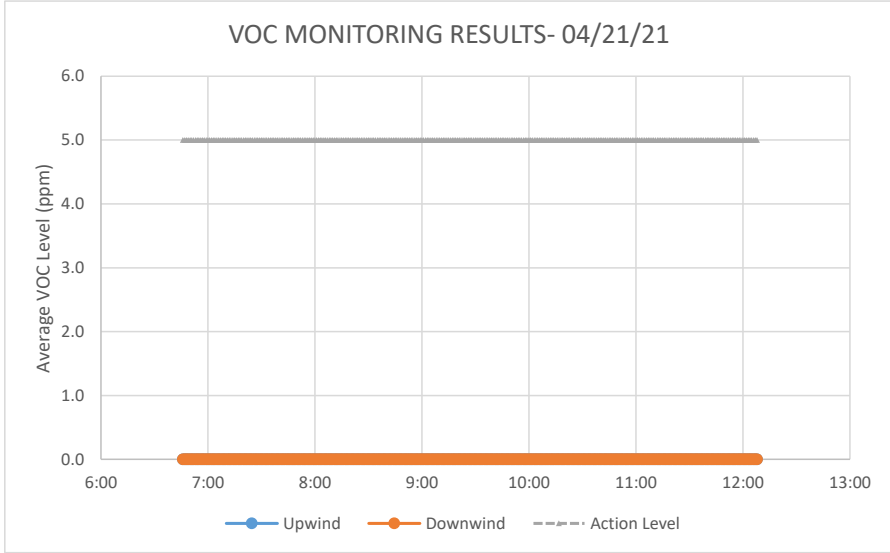
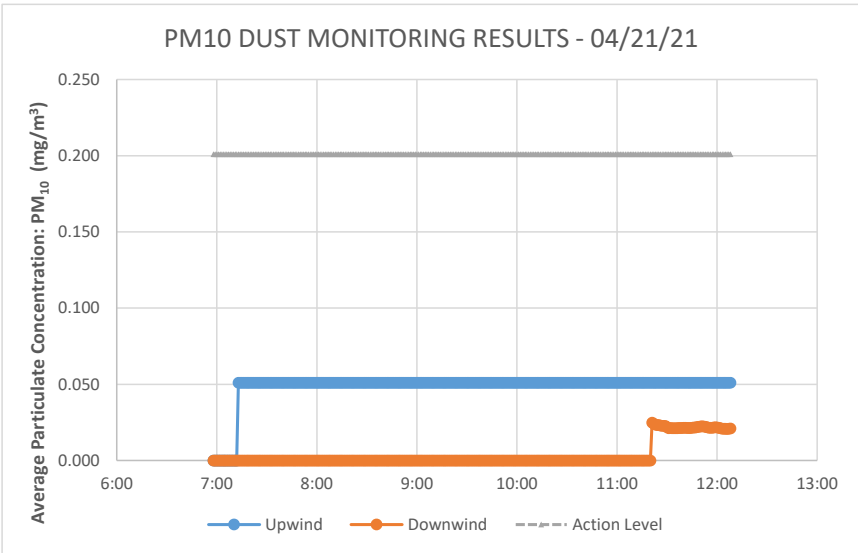
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0
Number of Comparable Data Points = 0
Start Time: 9:26
End Time: 9:40

PID DATA

Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:26	0.0	-	9:26	0.0	-	-
9:27	0.0	-	9:27	0.0	-	-
9:28	0.0	-	9:28	0.0	-	-
9:29	0.0	-	9:29	0.0	-	-
9:30	0.0	-	9:30	0.0	-	-
9:31	0.0	-	9:31	0.0	-	-
9:32	0.0	-	9:32	0.0	-	-
9:33	0.0	-	9:33	0.0	-	-
9:34	0.0	-	9:34	0.0	-	-
9:35	0.0	-	9:35	0.0	-	-
9:36	0.0	-	9:36	0.0	-	-
9:37	0.0	-	9:37	0.0	-	-
9:38	0.0	-	9:38	0.0	-	-
9:39	0.0	-	9:39	0.0	-	-
9:40	0.0	-	9:40	0.0	-	-

	DAILY AIR MONITORING REPORT 130 Saint Felix Street Site 130 Saint Felix Street, Brooklyn, NY	04/21/21		
		Project number: 100842301		
		Page 1 of 1		Rev. No. 0
		Submitted By:		
		Dust Action Level		0.150 mg/m ³
TVOC Action Level		5 ppm		

Station Location Work Area	Daily Avg. Dust Concentration (mg/m ³)	Max 15 Min Dust Concentration (mg/m ³)	Time of Max 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Downwind	0.022	0.025	11:21	0.0	0.0	7:01



Air Monitoring Notes: Due to persistent rain, Langan could not implement CAMP from 7:12 AM to 9:28 AM and from 9:42 AM to 11:05 AM.

Weather Notes: Overcast, Rain, 55-65°F

Wednesday, April 21, 2021

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 = 0
Number of Comparable Data Points = 48
Start Time: 6:58
End Time: 12:08

PARTICULATE DATA

Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	
6:58	0.051	-	6:58	0.051	-	-
6:59	0.051	-	6:59	0.007	-	-
7:00	0.051	-	7:00	0.008	-	-
7:01	0.051	-	7:01	0.005	-	-
7:02	0.051	-	7:02	0.006	-	-
7:03	0.051	-	7:03	0.005	-	-
7:04	0.051	-	7:04	0.008	-	-
7:05	0.051	-	7:05	0.005	-	-
7:06	0.051	-	7:06	0.005	-	-
7:07	0.051	-	7:07	0.023	-	-
7:08	0.051	-	7:08	0.008	-	-
7:09	0.051	-	7:09	0.003	-	-
7:10	0.051	-	7:10	0.061	-	-
7:11	0.051	-	7:11	-	-	-
7:12	0.051	-	7:12	-	-	-
7:13	0.051	0.051	7:13	-	-	-
7:14	0.051	0.051	7:14	-	-	-
7:15	0.051	0.051	7:15	-	-	-
7:16	0.051	0.051	7:16	-	-	-
7:17	0.051	0.051	7:17	-	-	-
7:18	0.051	0.051	7:18	-	-	-
7:19	0.051	0.051	7:19	-	-	-
7:20	0.051	0.051	7:20	-	-	-
7:21	0.051	0.051	7:21	-	-	-
7:22	0.051	0.051	7:22	-	-	-
7:23	0.051	0.051	7:23	-	-	-
7:24	0.051	0.051	7:24	-	-	-
7:25	0.051	0.051	7:25	-	-	-
7:26	0.051	0.051	7:26	-	-	-
7:27	0.051	0.051	7:27	-	-	-
7:28	0.051	0.051	7:28	-	-	-
7:29	0.051	0.051	7:29	-	-	-
7:30	0.051	0.051	7:30	-	-	-
7:31	0.051	0.051	7:31	-	-	-
7:32	0.051	0.051	7:32	-	-	-
7:33	0.051	0.051	7:33	-	-	-
7:34	0.051	0.051	7:34	-	-	-
7:35	0.051	0.051	7:35	-	-	-
7:36	0.051	0.051	7:36	-	-	-
7:37	0.051	0.051	7:37	-	-	-
7:38	0.051	0.051	7:38	-	-	-
7:39	0.051	0.051	7:39	-	-	-
7:40	0.051	0.051	7:40	-	-	-

7:41	0.051	0.051	7:41		-	-
7:42	0.051	0.051	7:42		-	-
7:43	0.051	0.051	7:43		-	-
7:44	0.051	0.051	7:44		-	-
7:45	0.051	0.051	7:45		-	-
7:46	0.051	0.051	7:46		-	-
7:47	0.051	0.051	7:47		-	-
7:48	0.051	0.051	7:48		-	-
7:49	0.051	0.051	7:49		-	-
7:50	0.051	0.051	7:50		-	-
7:51	0.051	0.051	7:51		-	-
7:52	0.051	0.051	7:52		-	-
7:53	0.051	0.051	7:53		-	-
7:54	0.051	0.051	7:54		-	-
7:55	0.051	0.051	7:55		-	-
7:56	0.051	0.051	7:56		-	-
7:57	0.051	0.051	7:57		-	-
7:58	0.051	0.051	7:58		-	-
7:59	0.051	0.051	7:59		-	-
8:00	0.051	0.051	8:00		-	-
8:01	0.051	0.051	8:01		-	-
8:02	0.051	0.051	8:02		-	-
8:03	0.051	0.051	8:03		-	-
8:04	0.051	0.051	8:04		-	-
8:05	0.051	0.051	8:05		-	-
8:06	0.051	0.051	8:06		-	-
8:07	0.051	0.051	8:07		-	-
8:08	0.051	0.051	8:08		-	-
8:09	0.051	0.051	8:09		-	-
8:10	0.051	0.051	8:10		-	-
8:11	0.051	0.051	8:11		-	-
8:12	0.051	0.051	8:12		-	-
8:13	0.051	0.051	8:13		-	-
8:14	0.051	0.051	8:14		-	-
8:15	0.051	0.051	8:15		-	-
8:16	0.051	0.051	8:16		-	-
8:17	0.051	0.051	8:17		-	-
8:18	0.051	0.051	8:18		-	-
8:19	0.051	0.051	8:19		-	-
8:20	0.051	0.051	8:20		-	-
8:21	0.051	0.051	8:21		-	-
8:22	0.051	0.051	8:22		-	-
8:23	0.051	0.051	8:23		-	-
8:24	0.051	0.051	8:24		-	-
8:25	0.051	0.051	8:25		-	-
8:26	0.051	0.051	8:26		-	-
8:27	0.051	0.051	8:27		-	-
8:28	0.051	0.051	8:28		-	-
8:29	0.051	0.051	8:29		-	-
8:30	0.051	0.051	8:30		-	-
8:31	0.051	0.051	8:31		-	-
8:32	0.051	0.051	8:32		-	-
8:33	0.051	0.051	8:33		-	-
8:34	0.051	0.051	8:34		-	-
8:35	0.051	0.051	8:35		-	-
8:36	0.051	0.051	8:36		-	-

8:37	0.051	0.051	8:37		-	-
8:38	0.051	0.051	8:38		-	-
8:39	0.051	0.051	8:39		-	-
8:40	0.051	0.051	8:40		-	-
8:41	0.051	0.051	8:41		-	-
8:42	0.051	0.051	8:42		-	-
8:43	0.051	0.051	8:43		-	-
8:44	0.051	0.051	8:44		-	-
8:45	0.051	0.051	8:45		-	-
8:46	0.051	0.051	8:46		-	-
8:47	0.051	0.051	8:47		-	-
8:48	0.051	0.051	8:48		-	-
8:49	0.051	0.051	8:49		-	-
8:50	0.051	0.051	8:50		-	-
8:51	0.051	0.051	8:51		-	-
8:52	0.051	0.051	8:52		-	-
8:53	0.051	0.051	8:53		-	-
8:54	0.051	0.051	8:54		-	-
8:55	0.051	0.051	8:55		-	-
8:56	0.051	0.051	8:56		-	-
8:57	0.051	0.051	8:57		-	-
8:58	0.051	0.051	8:58		-	-
8:59	0.051	0.051	8:59		-	-
9:00	0.051	0.051	9:00		-	-
9:01	0.051	0.051	9:01		-	-
9:02	0.051	0.051	9:02		-	-
9:03	0.051	0.051	9:03		-	-
9:04	0.051	0.051	9:04		-	-
9:05	0.051	0.051	9:05		-	-
9:06	0.051	0.051	9:06		-	-
9:07	0.051	0.051	9:07		-	-
9:08	0.051	0.051	9:08		-	-
9:09	0.051	0.051	9:09		-	-
9:10	0.051	0.051	9:10		-	-
9:11	0.051	0.051	9:11		-	-
9:12	0.051	0.051	9:12		-	-
9:13	0.051	0.051	9:13		-	-
9:14	0.051	0.051	9:14		-	-
9:15	0.051	0.051	9:15		-	-
9:16	0.051	0.051	9:16		-	-
9:17	0.051	0.051	9:17		-	-
9:18	0.051	0.051	9:18		-	-
9:19	0.051	0.051	9:19		-	-
9:20	0.051	0.051	9:20		-	-
9:21	0.051	0.051	9:21		-	-
9:22	0.051	0.051	9:22		-	-
9:23	0.051	0.051	9:23		-	-
9:24	0.051	0.051	9:24		-	-
9:25	0.051	0.051	9:25		-	-
9:26	0.051	0.051	9:26		-	-
9:27	0.051	0.051	9:27		-	-
9:28	0.051	0.051	9:28	0.092	-	-
9:29	0.051	0.051	9:29	0.022	-	-
9:30	0.051	0.051	9:30	0.027	-	-
9:31	0.051	0.051	9:31	0.034	-	-
9:32	0.051	0.051	9:32	0.026	-	-

9:33	0.051	0.051	9:33	0.015	-	-
9:34	0.051	0.051	9:34	0.015	-	-
9:35	0.051	0.051	9:35	0.011	-	-
9:36	0.051	0.051	9:36	0.018	-	-
9:37	0.051	0.051	9:37	0.016	-	-
9:38	0.051	0.051	9:38	0.014	-	-
9:39	0.051	0.051	9:39	0.018	-	-
9:40	0.051	0.051	9:40	0.015	-	-
9:41	0.051	0.051	9:41		-	-
9:42	0.051	0.051	9:42		-	-
9:43	0.051	0.051	9:43		-	-
9:44	0.051	0.051	9:44		-	-
9:45	0.051	0.051	9:45		-	-
9:46	0.051	0.051	9:46		-	-
9:47	0.051	0.051	9:47		-	-
9:48	0.051	0.051	9:48		-	-
9:49	0.051	0.051	9:49		-	-
9:50	0.051	0.051	9:50		-	-
9:51	0.051	0.051	9:51		-	-
9:52	0.051	0.051	9:52		-	-
9:53	0.051	0.051	9:53		-	-
9:54	0.051	0.051	9:54		-	-
9:55	0.051	0.051	9:55		-	-
9:56	0.051	0.051	9:56		-	-
9:57	0.051	0.051	9:57		-	-
9:58	0.051	0.051	9:58		-	-
9:59	0.051	0.051	9:59		-	-
10:00	0.051	0.051	10:00		-	-
10:01	0.051	0.051	10:01		-	-
10:02	0.051	0.051	10:02		-	-
10:03	0.051	0.051	10:03		-	-
10:04	0.051	0.051	10:04		-	-
10:05	0.051	0.051	10:05		-	-
10:06	0.051	0.051	10:06		-	-
10:07	0.051	0.051	10:07		-	-
10:08	0.051	0.051	10:08		-	-
10:09	0.051	0.051	10:09		-	-
10:10	0.051	0.051	10:10		-	-
10:11	0.051	0.051	10:11		-	-
10:12	0.051	0.051	10:12		-	-
10:13	0.051	0.051	10:13		-	-
10:14	0.051	0.051	10:14		-	-
10:15	0.051	0.051	10:15		-	-
10:16	0.051	0.051	10:16		-	-
10:17	0.051	0.051	10:17		-	-
10:18	0.051	0.051	10:18		-	-
10:19	0.051	0.051	10:19		-	-
10:20	0.051	0.051	10:20		-	-
10:21	0.051	0.051	10:21		-	-
10:22	0.051	0.051	10:22		-	-
10:23	0.051	0.051	10:23		-	-
10:24	0.051	0.051	10:24		-	-
10:25	0.051	0.051	10:25		-	-
10:26	0.051	0.051	10:26		-	-
10:27	0.051	0.051	10:27		-	-
10:28	0.051	0.051	10:28		-	-

10:29	0.051	0.051	10:29		-	-
10:30	0.051	0.051	10:30		-	-
10:31	0.051	0.051	10:31		-	-
10:32	0.051	0.051	10:32		-	-
10:33	0.051	0.051	10:33		-	-
10:34	0.051	0.051	10:34		-	-
10:35	0.051	0.051	10:35		-	-
10:36	0.051	0.051	10:36		-	-
10:37	0.051	0.051	10:37		-	-
10:38	0.051	0.051	10:38		-	-
10:39	0.051	0.051	10:39		-	-
10:40	0.051	0.051	10:40		-	-
10:41	0.051	0.051	10:41		-	-
10:42	0.051	0.051	10:42		-	-
10:43	0.051	0.051	10:43		-	-
10:44	0.051	0.051	10:44		-	-
10:45	0.051	0.051	10:45		-	-
10:46	0.051	0.051	10:46		-	-
10:47	0.051	0.051	10:47		-	-
10:48	0.051	0.051	10:48		-	-
10:49	0.051	0.051	10:49		-	-
10:50	0.051	0.051	10:50		-	-
10:51	0.051	0.051	10:51		-	-
10:52	0.051	0.051	10:52		-	-
10:53	0.051	0.051	10:53		-	-
10:54	0.051	0.051	10:54		-	-
10:55	0.051	0.051	10:55		-	-
10:56	0.051	0.051	10:56		-	-
10:57	0.051	0.051	10:57		-	-
10:58	0.051	0.051	10:58		-	-
10:59	0.051	0.051	10:59		-	-
11:00	0.051	0.051	11:00		-	-
11:01	0.051	0.051	11:01		-	-
11:02	0.051	0.051	11:02		-	-
11:03	0.051	0.051	11:03		-	-
11:04	0.051	0.051	11:04		-	-
11:05	0.051	0.051	11:05		-	-
11:06	0.051	0.051	11:06	0.032	-	-
11:07	0.051	0.051	11:07	0.034	-	-
11:08	0.051	0.051	11:08	0.029	-	-
11:09	0.051	0.051	11:09	0.025	-	-
11:10	0.051	0.051	11:10	0.025	-	-
11:11	0.051	0.051	11:11	0.025	-	-
11:12	0.051	0.051	11:12	0.024	-	-
11:13	0.051	0.051	11:13	0.023	-	-
11:14	0.051	0.051	11:14	0.025	-	-
11:15	0.051	0.051	11:15	0.032	-	-
11:16	0.051	0.051	11:16	0.030	-	-
11:17	0.051	0.051	11:17	0.021	-	-
11:18	0.051	0.051	11:18	0.020	-	-
11:19	0.051	0.051	11:19	0.020	-	-
11:20	0.051	0.051	11:20	0.020	-	-
11:21	0.051	0.051	11:21	0.021	0.025	-
11:22	0.051	0.051	11:22	0.020	0.024	-
11:23	0.051	0.051	11:23	0.022	0.024	-
11:24	0.051	0.051	11:24	0.022	0.023	-

11:25	0.051	0.051	11:25	0.023	0.023	-
11:26	0.051	0.051	11:26	0.022	0.023	-
11:27	0.051	0.051	11:27	0.022	0.023	-
11:28	0.051	0.051	11:28	0.022	0.023	-
11:29	0.051	0.051	11:29	0.022	0.023	-
11:30	0.051	0.051	11:30	0.020	0.022	-
11:31	0.051	0.051	11:31	0.021	0.021	-
11:32	0.051	0.051	11:32	0.023	0.021	-
11:33	0.051	0.051	11:33	0.019	0.021	-
11:34	0.051	0.051	11:34	0.020	0.021	-
11:35	0.051	0.051	11:35	0.020	0.021	-
11:36	0.051	0.051	11:36	0.021	0.021	-
11:37	0.051	0.051	11:37	0.022	0.021	-
11:38	0.051	0.051	11:38	0.022	0.021	-
11:39	0.051	0.051	11:39	0.022	0.021	-
11:40	0.051	0.051	11:40	0.024	0.021	-
11:41	0.051	0.051	11:41	0.022	0.021	-
11:42	0.051	0.051	11:42	0.021	0.021	-
11:43	0.051	0.051	11:43	0.021	0.021	-
11:44	0.051	0.051	11:44	0.022	0.021	-
11:45	0.051	0.051	11:45	0.024	0.022	-
11:46	0.051	0.051	11:46	0.023	0.022	-
11:47	0.051	0.051	11:47	0.022	0.022	-
11:48	0.051	0.051	11:48	0.025	0.022	-
11:49	0.051	0.051	11:49	0.022	0.022	-
11:50	0.051	0.051	11:50	0.023	0.022	-
11:51	0.051	0.051	11:51	0.023	0.023	-
11:52	0.051	0.051	11:52	0.020	0.022	-
11:53	0.051	0.051	11:53	0.018	0.022	-
11:54	0.051	0.051	11:54	0.018	0.022	-
11:55	0.051	0.051	11:55	0.019	0.022	-
11:56	0.051	0.051	11:56	0.021	0.021	-
11:57	0.051	0.051	11:57	0.021	0.021	-
11:58	0.051	0.051	11:58	0.024	0.022	-
11:59	0.051	0.051	11:59	0.024	0.022	-
12:00	0.051	0.051	12:00	0.023	0.022	-
12:01	0.051	0.051	12:01	0.020	0.022	-
12:02	0.051	0.051	12:02	0.018	0.021	-
12:03	0.051	0.051	12:03	0.020	0.021	-
12:04	0.051	0.051	12:04	0.021	0.021	-
12:05	0.051	0.051	12:05	0.023	0.021	-
12:06	0.051	0.051	12:06	0.022	0.021	-
12:07	0.051	0.051	12:07	0.021	0.021	-
12:08	0.051	0.051	12:08	0.020	0.021	-

Wednesday, April 21, 2021

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0
Number of Comparable Data Points = 308
Start Time: 6:46
End Time: 12:08

PID DATA

Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
6:46	0.0	-	6:46	0.0	-	-
6:47	0.0	-	6:47	0.0	-	-
6:48	0.0	-	6:48	0.0	-	-
6:49	0.0	-	6:49	0.0	-	-
6:50	0.0	-	6:50	0.0	-	-
6:51	0.0	-	6:51	0.0	-	-
6:52	0.0	-	6:52	0.0	-	-
6:53	0.0	-	6:53	0.0	-	-
6:54	0.0	-	6:54	0.0	-	-
6:55	0.0	-	6:55	0.0	-	-
6:56	0.0	-	6:56	0.0	-	-
6:57	0.0	-	6:57	0.0	-	-
6:58	0.0	-	6:58	0.0	-	-
6:59	0.0	-	6:59	0.0	-	-
7:00	0.0	-	7:00	0.0	-	-
7:01	0.0	0.0	7:01	0.0	0.0	-
7:02	0.0	0.0	7:02	0.0	0.0	-
7:03	0.0	0.0	7:03	0.0	0.0	-
7:04	0.0	0.0	7:04	0.0	0.0	-
7:05	0.0	0.0	7:05	0.0	0.0	-
7:06	0.0	0.0	7:06	0.0	0.0	-
7:07	0.0	0.0	7:07	0.0	0.0	-
7:08	0.0	0.0	7:08	0.0	0.0	-
7:09	0.0	0.0	7:09	0.0	0.0	-
7:10	0.0	0.0	7:10	0.0	0.0	-
7:11	0.0	0.0	7:11	0.0	0.0	-
7:12	0.0	0.0	7:12	0.0	0.0	-
7:13	0.0	0.0	7:13	0.0	0.0	-
7:14	0.0	0.0	7:14	0.0	0.0	-
7:15	0.0	0.0	7:15	0.0	0.0	-
7:16	0.0	0.0	7:16	0.0	0.0	-
7:17	0.0	0.0	7:17	0.0	0.0	-
7:18	0.0	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.0	7:29	0.0	0.0	-


7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-

8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-

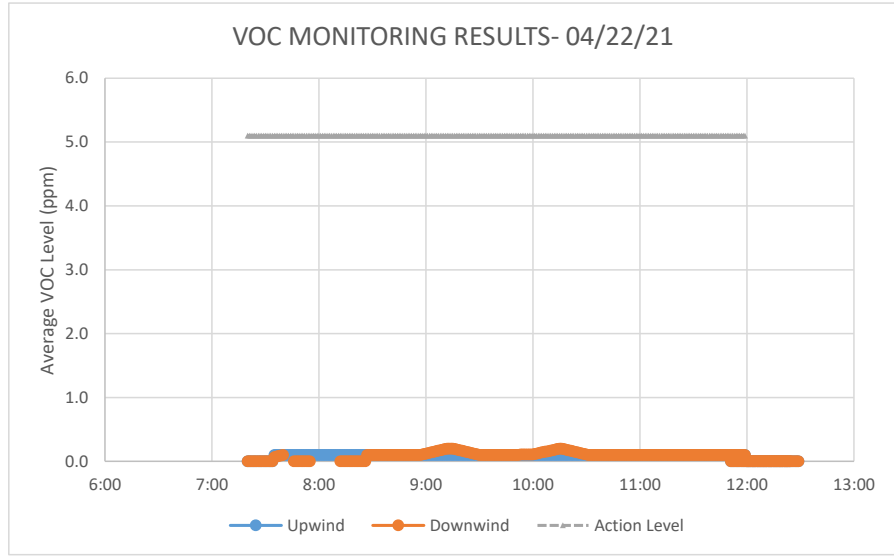
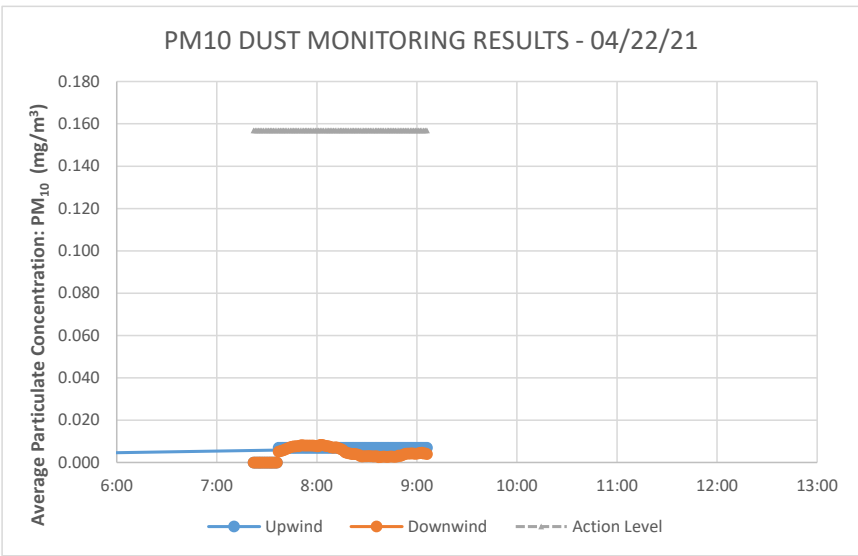
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-

10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-

11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-

	DAILY AIR MONITORING REPORT 130 Saint Felix Street Site 130 Saint Felix Street, Brooklyn, NY	04/22/21		
		Project number: 100842301		
		Page 1 of 1		Rev. No. 0
		Submitted By:		
		Dust Action Level		0.150 mg/m ³
TVOC Action Level		5 ppm		

Station Location Work Area	Daily Avg. Dust Concentration (mg/m ³)	Max 15 Min Dust Concentration (mg/m ³)	Time of Max 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Downwind	0.005	0.008	8:02	0.1	0.2	9:12



Air Monitoring Notes: Particulate readings were not logged after 9:06 AM due to equipment malfunction. Readings were collected manually and confirmed to be below the action level.

Weather Notes: Overcast, 38-50°F

Thursday, April 22, 2021

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 = 0
 Number of Comparable Data Points = 90
 Start Time: 7:22
 End Time: 9:06

PARTICULATE DATA

Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	
7:22	0.007	-	7:22	0.007	-	-
7:23	0.007	-	7:23	0.005	-	-
7:24	0.007	-	7:24	0.004	-	-
7:25	0.007	-	7:25	0.004	-	-
7:26	0.007	-	7:26	0.003	-	-
7:27	0.007	-	7:27	0.003	-	-
7:28	0.007	-	7:28	0.002	-	-
7:29	0.007	-	7:29	0.004	-	-
7:30	0.007	-	7:30	0.008	-	-
7:31	0.007	-	7:31	0.005	-	-
7:32	0.007	-	7:32	0.009	-	-
7:33	0.007	-	7:33	0.004	-	-
7:34	0.007	-	7:34	0.010	-	-
7:35	0.007	-	7:35	0.002	-	-
7:36	0.007	-	7:36	0.004	-	-
7:37	0.007	0.007	7:37	0.010	0.005	-
7:38	0.007	0.007	7:38	0.008	0.005	-
7:39	0.007	0.007	7:39	0.008	0.006	-
7:40	0.007	0.007	7:40	0.008	0.006	-
7:41	0.007	0.007	7:41	0.008	0.006	-
7:42	0.007	0.007	7:42	0.008	0.007	-
7:43	0.007	0.007	7:43	0.008	0.007	-
7:44	0.007	0.007	7:44	0.009	0.007	-
7:45	0.007	0.007	7:45	0.011	0.007	-
7:46	0.007	0.007	7:46	0.009	0.008	-
7:47	0.007	0.007	7:47	0.007	0.008	-
7:48	0.007	0.007	7:48	0.007	0.008	-
7:49	0.007	0.007	7:49	0.008	0.008	-
7:50	0.007	0.007	7:50	0.008	0.008	-
7:51	0.007	0.007	7:51	0.007	0.008	-
7:52	0.007	0.007	7:52	0.007	0.008	-
7:53	0.007	0.007	7:53	0.008	0.008	-
7:54	0.007	0.007	7:54	0.008	0.008	-
7:55	0.007	0.007	7:55	0.008	0.008	-
7:56	0.007	0.007	7:56	0.008	0.008	-
7:57	0.007	0.007	7:57	0.008	0.008	-
7:58	0.007	0.007	7:58	0.008	0.008	-
7:59	0.007	0.007	7:59	0.007	0.008	-
8:00	0.007	0.007	8:00	0.007	0.008	-
8:01	0.007	0.007	8:01	0.009	0.008	-
8:02	0.007	0.007	8:02	0.017	0.008	-
8:03	0.007	0.007	8:03	0.007	0.008	-
8:04	0.007	0.007	8:04	0.005	0.008	-

8:05	0.007	0.007	8:05	0.005	0.008	-
8:06	0.007	0.007	8:06	0.005	0.008	-
8:07	0.007	0.007	8:07	0.005	0.008	-
8:08	0.007	0.007	8:08	0.004	0.007	-
8:09	0.007	0.007	8:09	0.004	0.007	-
8:10	0.007	0.007	8:10	0.006	0.007	-
8:11	0.007	0.007	8:11	0.011	0.007	-
8:12	0.007	0.007	8:12	0.006	0.007	-
8:13	0.007	0.007	8:13	0.004	0.007	-
8:14	0.007	0.007	8:14	0.002	0.006	-
8:15	0.007	0.007	8:15	0.003	0.006	-
8:16	0.007	0.007	8:16	0.001	0.006	-
8:17	0.007	0.007	8:17	0.005	0.005	-
8:18	0.007	0.007	8:18	0.002	0.005	-
8:19	0.007	0.007	8:19	0.003	0.004	-
8:20	0.007	0.007	8:20	0.002	0.004	-
8:21	0.007	0.007	8:21	0.002	0.004	-
8:22	0.007	0.007	8:22	0.007	0.004	-
8:23	0.007	0.007	8:23	0.002	0.004	-
8:24	0.007	0.007	8:24	0.003	0.004	-
8:25	0.007	0.007	8:25	0.002	0.004	-
8:26	0.007	0.007	8:26	0.003	0.003	-
8:27	0.007	0.007	8:27	0.002	0.003	-
8:28	0.007	0.007	8:28	0.006	0.003	-
8:29	0.007	0.007	8:29	0.001	0.003	-
8:30	0.007	0.007	8:30	0.003	0.003	-
8:31	0.007	0.007	8:31	0.003	0.003	-
8:32	0.007	0.007	8:32	0.003	0.003	-
8:33	0.007	0.007	8:33	0.002	0.003	-
8:34	0.007	0.007	8:34	0.001	0.003	-
8:35	0.007	0.007	8:35	0.004	0.003	-
8:36	0.007	0.007	8:36	0.002	0.003	-
8:37	0.007	0.007	8:37	0.001	0.003	-
8:38	0.007	0.007	8:38	0.003	0.003	-
8:39	0.007	0.007	8:39	0.005	0.003	-
8:40	0.007	0.007	8:40	0.003	0.003	-
8:41	0.007	0.007	8:41	0.002	0.003	-
8:42	0.007	0.007	8:42	0.001	0.003	-
8:43	0.007	0.007	8:43	0.007	0.003	-
8:44	0.007	0.007	8:44	0.003	0.003	-
8:45	0.007	0.007	8:45	0.003	0.003	-
8:46	0.007	0.007	8:46	0.001	0.003	-
8:47	0.007	0.007	8:47	0.003	0.003	-
8:48	0.007	0.007	8:48	0.003	0.003	-
8:49	0.007	0.007	8:49	0.008	0.003	-
8:50	0.007	0.007	8:50	0.002	0.003	-
8:51	0.007	0.007	8:51	0.006	0.003	-
8:52	0.007	0.007	8:52	0.007	0.004	-
8:53	0.007	0.007	8:53	0.007	0.004	-
8:54	0.007	0.007	8:54	0.007	0.004	-
8:55	0.007	0.007	8:55	0.003	0.004	-
8:56	0.007	0.007	8:56	0.003	0.004	-
8:57	0.007	0.007	8:57	0.003	0.004	-
8:58	0.007	0.007	8:58	0.004	0.004	-
8:59	0.007	0.007	8:59	0.002	0.004	-
9:00	0.007	0.007	9:00	0.004	0.004	-

9:01	0.007	0.007	9:01	0.004	0.004	-
9:02	0.007	0.007	9:02	0.005	0.005	-
9:03	0.007	0.007	9:03	0.005	0.005	-
9:04	0.007	0.007	9:04	0.001	0.004	-
9:05	0.007	0.007	9:05	0.004	0.004	-
9:06	0.007	0.007	9:06	0.001	0.004	-

Thursday, April 22, 2021

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0
Number of Comparable Data Points = 219
Start Time: 7:20
End Time: 11:59

PID DATA

Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:20	0.1	-	7:20	0.1	-	-
7:21	0.1	-	7:21	0.0	-	-
7:22	0.1	-	7:22	0.0	-	-
7:23	0.1	-	7:23	0.0	-	-
7:24	0.1	-	7:24	0.0	-	-
7:25	0.1	-	7:25	0.0	-	-
7:26	0.1	-	7:26	0.1	-	-
7:27	0.1	-	7:27	0.1	-	-
7:28	0.1	-	7:28	0.1	-	-
7:29	0.1	-	7:29	0.1	-	-
7:30	0.1	-	7:30	0.1	-	-
7:31	0.1	-	7:31	0.1	-	-
7:32	0.1	-	7:32	0.1	-	-
7:33	0.1	-	7:33	0.1	-	-
7:34	0.1	-	7:34	0.1	-	-
7:35	0.1	0.1	7:35	0.1	0.1	-
7:36	0.1	0.1	7:36	0.1	0.1	-
7:37	0.1	0.1	7:37	0.1	0.1	-
7:38	0.1	0.1	7:38	0.1	0.1	-
7:39	0.1	0.1	7:39	0.1	0.1	-
7:40	0.1	0.1	7:40	0.1	0.1	-
7:41	0.1	0.1	7:41			-
7:42	0.1	0.1	7:42			-
7:43	0.1	0.1	7:43			-
7:44	0.1	0.1	7:44			-
7:45	0.1	0.1	7:45			-
7:46	0.1	0.1	7:46	0.1	-	-
7:47	0.1	0.1	7:47	0.1	-	-
7:48	0.1	0.1	7:48	0.1	-	-
7:49	0.1	0.1	7:49	0.1	-	-
7:50	0.1	0.1	7:50	0.1	-	-
7:51	0.1	0.1	7:51	0.1	-	-
7:52	0.1	0.1	7:52	0.1	-	-
7:53	0.1	0.1	7:53	0.1	-	-
7:54	0.1	0.1	7:54	0.1	-	-
7:55	0.1	0.1	7:55	0.1	-	-
7:56	0.1	0.1	7:56			-
7:57	0.1	0.1	7:57			-
7:58	0.1	0.1	7:58			-
7:59	0.1	0.1	7:59			-
8:00	0.1	0.1	8:00			-
8:01	0.1	0.1	8:01			-
8:02	0.1	0.1	8:02			-
8:03	0.1	0.1	8:03			-

8:04	0.1	0.1	8:04			-
8:05	0.1	0.1	8:05			-
8:06	0.1	0.1	8:06			-
8:07	0.1	0.1	8:07			-
8:08	0.1	0.1	8:08			-
8:09	0.1	0.1	8:09			-
8:10	0.1	0.1	8:10			-
8:11	0.1	0.1	8:11			-
8:12	0.1	0.1	8:12	0.2	-	-
8:13	0.1	0.1	8:13	0.1	-	-
8:14	0.1	0.1	8:14	0.1	-	-
8:15	0.1	0.1	8:15	0.1	-	-
8:16	0.1	0.1	8:16	0.1	-	-
8:17	0.1	0.1	8:17	0.1	-	-
8:18	0.1	0.1	8:18	0.1	-	-
8:19	0.1	0.1	8:19	0.1	-	-
8:20	0.1	0.1	8:20	0.1	-	-
8:21	0.1	0.1	8:21	0.1	-	-
8:22	0.1	0.1	8:22	0.1	-	-
8:23	0.1	0.1	8:23	0.1	-	-
8:24	0.1	0.1	8:24	0.1	-	-
8:25	0.1	0.1	8:25	0.1	-	-
8:26	0.1	0.1	8:26	0.1	-	-
8:27	0.1	0.1	8:27	0.1	0.1	-
8:28	0.1	0.1	8:28	0.1	0.1	-
8:29	0.1	0.1	8:29	0.1	0.1	-
8:30	0.1	0.1	8:30	0.1	0.1	-
8:31	0.1	0.1	8:31	0.1	0.1	-
8:32	0.1	0.1	8:32	0.1	0.1	-
8:33	0.1	0.1	8:33	0.1	0.1	-
8:34	0.1	0.1	8:34	0.1	0.1	-
8:35	0.1	0.1	8:35	0.1	0.1	-
8:36	0.1	0.1	8:36	0.1	0.1	-
8:37	0.1	0.1	8:37	0.1	0.1	-
8:38	0.1	0.1	8:38	0.1	0.1	-
8:39	0.1	0.1	8:39	0.1	0.1	-
8:40	0.1	0.1	8:40	0.1	0.1	-
8:41	0.1	0.1	8:41	0.1	0.1	-
8:42	0.1	0.1	8:42	0.1	0.1	-
8:43	0.1	0.1	8:43	0.1	0.1	-
8:44	0.1	0.1	8:44	0.1	0.1	-
8:45	0.1	0.1	8:45	0.1	0.1	-
8:46	0.1	0.1	8:46	0.1	0.1	-
8:47	0.1	0.1	8:47	0.1	0.1	-
8:48	0.1	0.1	8:48	0.1	0.1	-
8:49	0.1	0.1	8:49	0.1	0.1	-
8:50	0.1	0.1	8:50	0.1	0.1	-
8:51	0.1	0.1	8:51	0.1	0.1	-
8:52	0.1	0.1	8:52	0.1	0.1	-
8:53	0.1	0.1	8:53	0.1	0.1	-
8:54	0.1	0.1	8:54	0.1	0.1	-
8:55	0.1	0.1	8:55	0.1	0.1	-
8:56	0.1	0.1	8:56	0.1	0.1	-
8:57	0.1	0.1	8:57	0.1	0.1	-
8:58	0.1	0.1	8:58	0.2	0.1	-
8:59	0.1	0.1	8:59	0.2	0.1	-

9:00	0.1	0.1	9:00	0.2	0.1	-
9:01	0.1	0.1	9:01	0.2	0.1	-
9:02	0.1	0.1	9:02	0.2	0.1	-
9:03	0.1	0.1	9:03	0.2	0.1	-
9:04	0.1	0.1	9:04	0.2	0.1	-
9:05	0.1	0.1	9:05	0.2	0.2	-
9:06	0.1	0.1	9:06	0.2	0.2	-
9:07	0.1	0.1	9:07	0.2	0.2	-
9:08	0.1	0.1	9:08	0.2	0.2	-
9:09	0.1	0.1	9:09	0.2	0.2	-
9:10	0.1	0.1	9:10	0.2	0.2	-
9:11	0.1	0.1	9:11	0.2	0.2	-
9:12	0.1	0.1	9:12	0.2	0.2	-
9:13	0.1	0.1	9:13	0.2	0.2	-
9:14	0.1	0.1	9:14	0.2	0.2	-
9:15	0.1	0.1	9:15	0.2	0.2	-
9:16	0.1	0.1	9:16	0.1	0.2	-
9:17	0.1	0.1	9:17	0.1	0.2	-
9:18	0.1	0.1	9:18	0.1	0.2	-
9:19	0.1	0.1	9:19	0.1	0.2	-
9:20	0.1	0.1	9:20	0.1	0.2	-
9:21	0.1	0.1	9:21	0.1	0.2	-
9:22	0.1	0.1	9:22	0.1	0.2	-
9:23	0.1	0.1	9:23	0.1	0.1	-
9:24	0.1	0.1	9:24	0.1	0.1	-
9:25	0.1	0.1	9:25	0.1	0.1	-
9:26	0.1	0.1	9:26	0.1	0.1	-
9:27	0.1	0.1	9:27	0.1	0.1	-
9:28	0.1	0.1	9:28	0.1	0.1	-
9:29	0.1	0.1	9:29	0.1	0.1	-
9:30	0.1	0.1	9:30	0.1	0.1	-
9:31	0.1	0.1	9:31	0.1	0.1	-
9:32	0.1	0.1	9:32	0.1	0.1	-
9:33	0.1	0.1	9:33	0.1	0.1	-
9:34	0.1	0.1	9:34	0.1	0.1	-
9:35	0.1	0.1	9:35	0.1	0.1	-
9:36	0.1	0.1	9:36	0.1	0.1	-
9:37	0.1	0.1	9:37	0.1	0.1	-
9:38	0.1	0.1	9:38	0.1	0.1	-
9:39	0.1	0.1	9:39	0.1	0.1	-
9:40	0.1	0.1	9:40	0.1	0.1	-
9:41	0.1	0.1	9:41	0.1	0.1	-
9:42	0.1	0.1	9:42	0.1	0.1	-
9:43	0.1	0.1	9:43	0.1	0.1	-
9:44	0.1	0.1	9:44	0.1	0.1	-
9:45	0.1	0.1	9:45	0.1	0.1	-
9:46	0.1	0.1	9:46	0.1	0.1	-
9:47	0.1	0.1	9:47	0.1	0.1	-
9:48	0.1	0.1	9:48	0.1	0.1	-
9:49	0.1	0.1	9:49	0.1	0.1	-
9:50	0.1	0.1	9:50	0.1	0.1	-
9:51	0.1	0.1	9:51	0.1	0.1	-
9:52	0.1	0.1	9:52	0.1	0.1	-
9:53	0.1	0.1	9:53	0.2	0.1	-
9:54	0.1	0.1	9:54	0.1	0.1	-
9:55	0.1	0.1	9:55	0.1	0.1	-

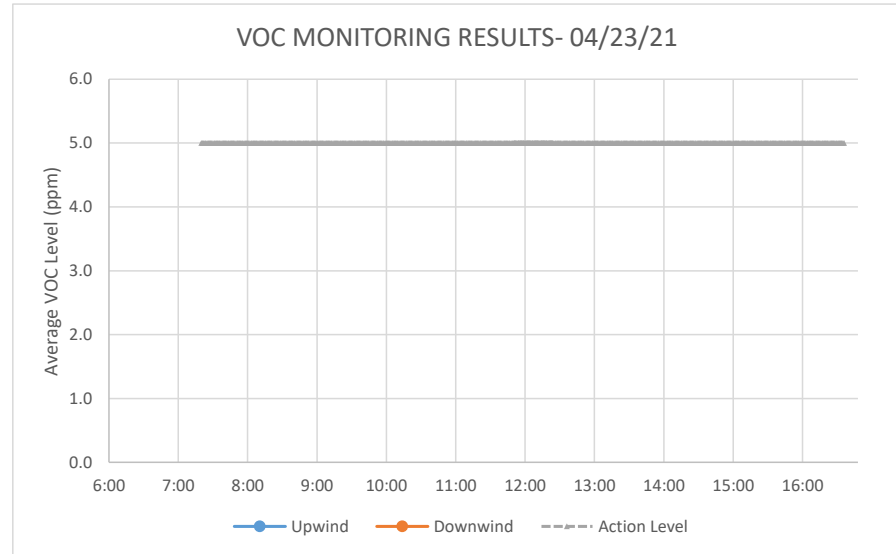
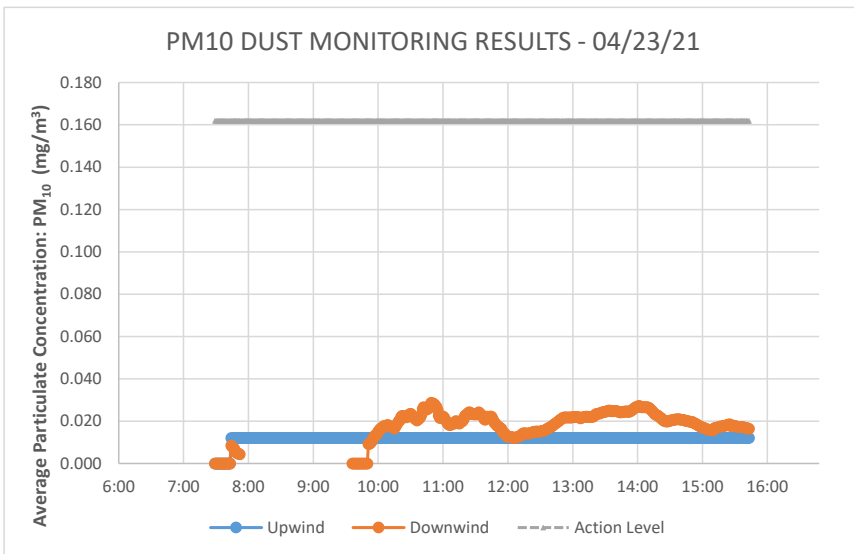
9:56	0.1	0.1	9:56	0.1	0.1	-
9:57	0.1	0.1	9:57	0.1	0.1	-
9:58	0.1	0.1	9:58	0.1	0.1	-
9:59	0.1	0.1	9:59	0.1	0.1	-
10:00	0.1	0.1	10:00	0.1	0.1	-
10:01	0.1	0.1	10:01	0.2	0.1	-
10:02	0.1	0.1	10:02	0.2	0.1	-
10:03	0.1	0.1	10:03	0.2	0.1	-
10:04	0.1	0.1	10:04	0.2	0.1	-
10:05	0.1	0.1	10:05	0.2	0.1	-
10:06	0.1	0.1	10:06	0.2	0.1	-
10:07	0.1	0.1	10:07	0.2	0.2	-
10:08	0.1	0.1	10:08	0.2	0.2	-
10:09	0.1	0.1	10:09	0.2	0.2	-
10:10	0.1	0.1	10:10	0.2	0.2	-
10:11	0.1	0.1	10:11	0.2	0.2	-
10:12	0.1	0.1	10:12	0.2	0.2	-
10:13	0.1	0.1	10:13	0.2	0.2	-
10:14	0.1	0.1	10:14	0.2	0.2	-
10:15	0.1	0.1	10:15	0.2	0.2	-
10:16	0.1	0.1	10:16	0.2	0.2	-
10:17	0.1	0.1	10:17	0.1	0.2	-
10:18	0.1	0.1	10:18	0.1	0.2	-
10:19	0.1	0.1	10:19	0.1	0.2	-
10:20	0.1	0.1	10:20	0.1	0.2	-
10:21	0.1	0.1	10:21	0.1	0.2	-
10:22	0.1	0.1	10:22	0.1	0.2	-
10:23	0.1	0.1	10:23	0.1	0.2	-
10:24	0.1	0.1	10:24	0.1	0.1	-
10:25	0.1	0.1	10:25	0.1	0.1	-
10:26	0.1	0.1	10:26	0.1	0.1	-
10:27	0.1	0.1	10:27	0.1	0.1	-
10:28	0.1	0.1	10:28	0.1	0.1	-
10:29	0.1	0.1	10:29	0.1	0.1	-
10:30	0.1	0.1	10:30	0.1	0.1	-
10:31	0.1	0.1	10:31	0.1	0.1	-
10:32	0.1	0.1	10:32	0.1	0.1	-
10:33	0.1	0.1	10:33	0.1	0.1	-
10:34	0.1	0.1	10:34	0.1	0.1	-
10:35	0.1	0.1	10:35	0.1	0.1	-
10:36	0.1	0.1	10:36	0.1	0.1	-
10:37	0.1	0.1	10:37	0.1	0.1	-
10:38	0.1	0.1	10:38	0.1	0.1	-
10:39	0.1	0.1	10:39	0.1	0.1	-
10:40	0.1	0.1	10:40	0.1	0.1	-
10:41	0.1	0.1	10:41	0.1	0.1	-
10:42	0.1	0.1	10:42	0.1	0.1	-
10:43	0.1	0.1	10:43	0.1	0.1	-
10:44	0.1	0.1	10:44	0.1	0.1	-
10:45	0.1	0.1	10:45	0.1	0.1	-
10:46	0.1	0.1	10:46	0.1	0.1	-
10:47	0.1	0.1	10:47	0.1	0.1	-
10:48	0.1	0.1	10:48	0.1	0.1	-
10:49	0.1	0.1	10:49	0.1	0.1	-
10:50	0.1	0.1	10:50	0.1	0.1	-
10:51	0.1	0.1	10:51	0.1	0.1	-

10:52	0.1	0.1	10:52	0.1	0.1	-
10:53	0.1	0.1	10:53	0.1	0.1	-
10:54	0.1	0.1	10:54	0.1	0.1	-
10:55	0.1	0.1	10:55	0.1	0.1	-
10:56	0.1	0.1	10:56	0.1	0.1	-
10:57	0.1	0.1	10:57	0.1	0.1	-
10:58	0.1	0.1	10:58	0.1	0.1	-
10:59	0.1	0.1	10:59	0.1	0.1	-
11:00	0.1	0.1	11:00	0.1	0.1	-
11:01	0.1	0.1	11:01	0.1	0.1	-
11:02	0.1	0.1	11:02	0.1	0.1	-
11:03	0.1	0.1	11:03	0.1	0.1	-
11:04	0.1	0.1	11:04	0.1	0.1	-
11:05	0.1	0.1	11:05	0.1	0.1	-
11:06	0.1	0.1	11:06	0.1	0.1	-
11:07	0.1	0.1	11:07	0.1	0.1	-
11:08	0.1	0.1	11:08	0.1	0.1	-
11:09	0.1	0.1	11:09	0.1	0.1	-
11:10	0.1	0.1	11:10	0.1	0.1	-
11:11	0.1	0.1	11:11	0.1	0.1	-
11:12	0.1	0.1	11:12	0.1	0.1	-
11:13	0.1	0.1	11:13	0.1	0.1	-
11:14	0.1	0.1	11:14	0.1	0.1	-
11:15	0.1	0.1	11:15	0.1	0.1	-
11:16	0.1	0.1	11:16	0.1	0.1	-
11:17	0.1	0.1	11:17	0.1	0.1	-
11:18	0.1	0.1	11:18	0.1	0.1	-
11:19	0.1	0.1	11:19	0.1	0.1	-
11:20	0.1	0.1	11:20	0.1	0.1	-
11:21	0.1	0.1	11:21	0.1	0.1	-
11:22	0.1	0.1	11:22	0.1	0.1	-
11:23	0.1	0.1	11:23	0.1	0.1	-
11:24	0.1	0.1	11:24	0.1	0.1	-
11:25	0.1	0.1	11:25	0.1	0.1	-
11:26	0.1	0.1	11:26	0.1	0.1	-
11:27	0.1	0.1	11:27	0.1	0.1	-
11:28	0.1	0.1	11:28	0.1	0.1	-
11:29	0.1	0.1	11:29	0.1	0.1	-
11:30	0.1	0.1	11:30	0.1	0.1	-
11:31	0.1	0.1	11:31	0.1	0.1	-
11:32	0.1	0.1	11:32	0.1	0.1	-
11:33	0.1	0.1	11:33	0.1	0.1	-
11:34	0.1	0.1	11:34	0.1	0.1	-
11:35	0.1	0.1	11:35	0.1	0.1	-
11:36	0.1	0.1	11:36	0.1	0.1	-
11:37	0.1	0.1	11:37	0.1	0.1	-
11:38	0.1	0.1	11:38	0.1	0.1	-
11:39	0.1	0.1	11:39	0.1	0.1	-
11:40	0.1	0.1	11:40	0.1	0.1	-
11:41	0.1	0.1	11:41	0.1	0.1	-
11:42	0.1	0.1	11:42	0.1	0.1	-
11:43	0.1	0.1	11:43	0.1	0.1	-
11:44	0.1	0.1	11:44	0.1	0.1	-
11:45	0.1	0.1	11:45	0.1	0.1	-
11:46	0.1	0.1	11:46	0.1	0.1	-
11:47	0.1	0.1	11:47	0.1	0.1	-

11:48	0.1	0.1	11:48	0.1	0.1	-
11:49	0.1	0.1	11:49	0.1	0.1	-
11:50	0.1	0.1	11:50	0.1	0.1	-
11:51	0.1	0.1	11:51	0.1	0.1	-
11:52	0.1	0.1	11:52	0.1	0.1	-
11:53	0.1	0.1	11:53	0.1	0.1	-
11:54	0.1	0.1	11:54	0.1	0.1	-
11:55	0.1	0.1	11:55	0.1	0.1	-
11:56	0.1	0.1	11:56	0.1	0.1	-
11:57	0.1	0.1	11:57	0.1	0.1	-
11:58	0.1	0.1	11:58	0.1	0.1	-
11:59	0.1	0.1	11:59	0.1	0.1	-

	DAILY AIR MONITORING REPORT		04/23/21	
	130 Saint Felix Street Site		Project number: 100842301	
	130 Saint Felix Street, Brooklyn, NY		Page 1 of 1	Rev. No. 0
			Submitted By:	
			Dust Action Level	0.150 mg/m ³
		TVOC Action Level	5 ppm	

Station Location Area	Work	Daily Avg. Dust Concentration (mg/m ³)	Max 15 Min Dust Concentration (mg/m ³)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Downwind		0.019	0.029	10:49	N/A	N/A	N/A



Air Monitoring Notes: VOC readings were not logged due to equipment malfunction. Readings were collected manually and confirmed to be below the action level. Particulate readings were not logged from 7:52 AM to 9:36 AM due to equipment malfunction, however no visible dust was observed during this time frame and work zone particulate readings were below 0.100 mg/m³.

Weather Notes: Clear, 41-63°F

Friday, April 23, 2021

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 = 0
 Number of Comparable Data Points = 362
 Start Time: 7:29
 End Time: 15:43

PARTICULATE DATA

Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	Time	Concentration (mg/m ³)	15-Min Avg Concentration (mg/m ³)	
7:29	0.012	-	7:29	0.012	-	-
7:30	0.012	-	7:30	0.012	-	-
7:31	0.012	-	7:31	0.011	-	-
7:32	0.012	-	7:32	0.013	-	-
7:33	0.012	-	7:33	0.027	-	-
7:34	0.012	-	7:34	0.008	-	-
7:35	0.012	-	7:35	0.007	-	-
7:36	0.012	-	7:36	0.009	-	-
7:37	0.012	-	7:37	0.006	-	-
7:38	0.012	-	7:38	0.005	-	-
7:39	0.012	-	7:39	0.006	-	-
7:40	0.012	-	7:40	0.005	-	-
7:41	0.012	-	7:41	0.005	-	-
7:42	0.012	-	7:42	0.004	-	-
7:43	0.012	-	7:43	0.003	-	-
7:44	0.012	0.012	7:44	0.007	0.009	-
7:45	0.012	0.012	7:45	0.003	0.008	-
7:46	0.012	0.012	7:46	0.004	0.007	-
7:47	0.012	0.012	7:47	0.004	0.007	-
7:48	0.012	0.012	7:48	0.004	0.005	-
7:49	0.012	0.012	7:49	0.004	0.005	-
7:50	0.012	0.012	7:50	0.003	0.005	-
7:51	0.012	0.012	7:51	0.006	0.005	-
7:52	0.012	0.012	7:52	0.003	0.004	-
7:53	0.012	0.012	7:53			-
7:54	0.012	0.012	7:54			-
7:55	0.012	0.012	7:55			-
7:56	0.012	0.012	7:56			-
7:57	0.012	0.012	7:57			-
7:58	0.012	0.012	7:58			-
7:59	0.012	0.012	7:59			-
8:00	0.012	0.012	8:00			-
8:01	0.012	0.012	8:01			-
8:02	0.012	0.012	8:02			-
8:03	0.012	0.012	8:03			-
8:04	0.012	0.012	8:04			-
8:05	0.012	0.012	8:05			-
8:06	0.012	0.012	8:06			-
8:07	0.012	0.012	8:07			-
8:08	0.012	0.012	8:08			-
8:09	0.012	0.012	8:09			-
8:10	0.012	0.012	8:10			-
8:11	0.012	0.012	8:11			-

8:12	0.012	0.012	8:12		-
8:13	0.012	0.012	8:13		-
8:14	0.012	0.012	8:14		-
8:15	0.012	0.012	8:15		-
8:16	0.012	0.012	8:16		-
8:17	0.012	0.012	8:17		-
8:18	0.012	0.012	8:18		-
8:19	0.012	0.012	8:19		-
8:20	0.012	0.012	8:20		-
8:21	0.012	0.012	8:21		-
8:22	0.012	0.012	8:22		-
8:23	0.012	0.012	8:23		-
8:24	0.012	0.012	8:24		-
8:25	0.012	0.012	8:25		-
8:26	0.012	0.012	8:26		-
8:27	0.012	0.012	8:27		-
8:28	0.012	0.012	8:28		-
8:29	0.012	0.012	8:29		-
8:30	0.012	0.012	8:30		-
8:31	0.012	0.012	8:31		-
8:32	0.012	0.012	8:32		-
8:33	0.012	0.012	8:33		-
8:34	0.012	0.012	8:34		-
8:35	0.012	0.012	8:35		-
8:36	0.012	0.012	8:36		-
8:37	0.012	0.012	8:37		-
8:38	0.012	0.012	8:38		-
8:39	0.012	0.012	8:39		-
8:40	0.012	0.012	8:40		-
8:41	0.012	0.012	8:41		-
8:42	0.012	0.012	8:42		-
8:43	0.012	0.012	8:43		-
8:44	0.012	0.012	8:44		-
8:45	0.012	0.012	8:45		-
8:46	0.012	0.012	8:46		-
8:47	0.012	0.012	8:47		-
8:48	0.012	0.012	8:48		-
8:49	0.012	0.012	8:49		-
8:50	0.012	0.012	8:50		-
8:51	0.012	0.012	8:51		-
8:52	0.012	0.012	8:52		-
8:53	0.012	0.012	8:53		-
8:54	0.012	0.012	8:54		-
8:55	0.012	0.012	8:55		-
8:56	0.012	0.012	8:56		-
8:57	0.012	0.012	8:57		-
8:58	0.012	0.012	8:58		-
8:59	0.012	0.012	8:59		-
9:00	0.012	0.012	9:00		-
9:01	0.012	0.012	9:01		-
9:02	0.012	0.012	9:02		-
9:03	0.012	0.012	9:03		-
9:04	0.012	0.012	9:04		-
9:05	0.012	0.012	9:05		-
9:06	0.012	0.012	9:06		-
9:07	0.012	0.012	9:07		-

9:08	0.012	0.012	9:08			-
9:09	0.012	0.012	9:09			-
9:10	0.012	0.012	9:10			-
9:11	0.012	0.012	9:11			-
9:12	0.012	0.012	9:12			-
9:13	0.012	0.012	9:13			-
9:14	0.012	0.012	9:14			-
9:15	0.012	0.012	9:15			-
9:16	0.012	0.012	9:16			-
9:17	0.012	0.012	9:17			-
9:18	0.012	0.012	9:18			-
9:19	0.012	0.012	9:19			-
9:20	0.012	0.012	9:20			-
9:21	0.012	0.012	9:21			-
9:22	0.012	0.012	9:22			-
9:23	0.012	0.012	9:23			-
9:24	0.012	0.012	9:24			-
9:25	0.012	0.012	9:25			-
9:26	0.012	0.012	9:26			-
9:27	0.012	0.012	9:27			-
9:28	0.012	0.012	9:28			-
9:29	0.012	0.012	9:29			-
9:30	0.012	0.012	9:30			-
9:31	0.012	0.012	9:31			-
9:32	0.012	0.012	9:32			-
9:33	0.012	0.012	9:33			-
9:34	0.012	0.012	9:34			-
9:35	0.012	0.012	9:35			-
9:36	0.012	0.012	9:36	0.007	-	-
9:37	0.012	0.012	9:37	0.008	-	-
9:38	0.012	0.012	9:38	0.008	-	-
9:39	0.012	0.012	9:39	0.008	-	-
9:40	0.012	0.012	9:40	0.008	-	-
9:41	0.012	0.012	9:41	0.007	-	-
9:42	0.012	0.012	9:42	0.010	-	-
9:43	0.012	0.012	9:43	0.012	-	-
9:44	0.012	0.012	9:44	0.013	-	-
9:45	0.012	0.012	9:45	0.009	-	-
9:46	0.012	0.012	9:46	0.008	-	-
9:47	0.012	0.012	9:47	0.008	-	-
9:48	0.012	0.012	9:48	0.008	-	-
9:49	0.012	0.012	9:49	0.008	-	-
9:50	0.012	0.012	9:50	0.011	-	-
9:51	0.012	0.012	9:51	0.012	0.009	-
9:52	0.012	0.012	9:52	0.009	0.009	-
9:53	0.012	0.012	9:53	0.015	0.010	-
9:54	0.012	0.012	9:54	0.019	0.010	-
9:55	0.012	0.012	9:55	0.024	0.012	-
9:56	0.012	0.012	9:56	0.023	0.013	-
9:57	0.012	0.012	9:57	0.020	0.013	-
9:58	0.012	0.012	9:58	0.014	0.013	-
9:59	0.012	0.012	9:59	0.022	0.014	-
10:00	0.012	0.012	10:00	0.027	0.015	-
10:01	0.012	0.012	10:01	0.014	0.016	-
10:02	0.012	0.012	10:02	0.021	0.016	-
10:03	0.012	0.012	10:03	0.013	0.017	-

10:04	0.012	0.012	10:04	0.012	0.017	-
10:05	0.012	0.012	10:05	0.021	0.018	-
10:06	0.012	0.012	10:06	0.012	0.018	-
10:07	0.012	0.012	10:07	0.012	0.018	-
10:08	0.012	0.012	10:08	0.017	0.018	-
10:09	0.012	0.012	10:09	0.021	0.018	-
10:10	0.012	0.012	10:10	0.016	0.018	-
10:11	0.012	0.012	10:11	0.022	0.018	-
10:12	0.012	0.012	10:12	0.014	0.017	-
10:13	0.012	0.012	10:13	0.016	0.017	-
10:14	0.012	0.012	10:14	0.017	0.017	-
10:15	0.012	0.012	10:15	0.020	0.017	-
10:16	0.012	0.012	10:16	0.027	0.017	-
10:17	0.012	0.012	10:17	0.035	0.018	-
10:18	0.012	0.012	10:18	0.024	0.019	-
10:19	0.012	0.012	10:19	0.027	0.020	-
10:20	0.012	0.012	10:20	0.025	0.020	-
10:21	0.012	0.012	10:21	0.036	0.022	-
10:22	0.012	0.012	10:22	0.020	0.022	-
10:23	0.012	0.012	10:23	0.018	0.023	-
10:24	0.012	0.012	10:24	0.014	0.022	-
10:25	0.012	0.012	10:25	0.019	0.022	-
10:26	0.012	0.012	10:26	0.016	0.022	-
10:27	0.012	0.012	10:27	0.017	0.022	-
10:28	0.012	0.012	10:28	0.028	0.023	-
10:29	0.012	0.012	10:29	0.024	0.023	-
10:30	0.012	0.012	10:30	0.023	0.024	-
10:31	0.012	0.012	10:31	0.018	0.023	-
10:32	0.012	0.012	10:32	0.026	0.022	-
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10:34	0.012	0.012	10:34	0.015	0.021	-
10:35	0.012	0.012	10:35	0.025	0.021	-
10:36	0.012	0.012	10:36	0.024	0.020	-
10:37	0.012	0.012	10:37	0.030	0.021	-
10:38	0.012	0.012	10:38	0.022	0.021	-
10:39	0.012	0.012	10:39	0.025	0.022	-
10:40	0.012	0.012	10:40	0.037	0.023	-
10:41	0.012	0.012	10:41	0.055	0.026	-
10:42	0.012	0.012	10:42	0.030	0.027	-
10:43	0.012	0.012	10:43	0.016	0.026	-
10:44	0.012	0.012	10:44	0.025	0.026	-
10:45	0.012	0.012	10:45	0.018	0.026	-
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10:49	0.012	0.012	10:49	0.031	0.029	-
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10:59	0.012	0.012	10:59	0.018	0.022	-

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11:19	0.012	0.012	11:19	0.029	0.021	-
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11:25	0.012	0.012	11:25	0.016	0.024	-
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11:29	0.012	0.012	11:29	0.015	0.023	-
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11:31	0.012	0.012	11:31	0.029	0.023	-
11:32	0.012	0.012	11:32	0.033	0.024	-
11:33	0.012	0.012	11:33	0.027	0.024	-
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11:47	0.012	0.012	11:47	0.016	0.020	-
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11:55	0.012	0.012	11:55	0.011	0.015	-

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12:04	0.012	0.012	12:04	0.014	0.012	-
12:05	0.012	0.012	12:05	0.012	0.012	-
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12:07	0.012	0.012	12:07	0.013	0.012	-
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12:14	0.012	0.012	12:14	0.017	0.014	-
12:15	0.012	0.012	12:15	0.013	0.014	-
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12:46	0.012	0.012	12:46	0.020	0.020	-
12:47	0.012	0.012	12:47	0.022	0.020	-
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12:49	0.012	0.012	12:49	0.021	0.021	-
12:50	0.012	0.012	12:50	0.024	0.021	-
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12:55	0.012	0.012	12:55	0.021	0.022	-
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13:17	0.012	0.012	13:17	0.021	0.022	-
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13:33	0.012	0.012	13:33	0.026	0.025	-
13:34	0.012	0.012	13:34	0.024	0.025	-
13:35	0.012	0.012	13:35	0.025	0.025	-
13:36	0.012	0.012	13:36	0.028	0.025	-
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13:38	0.012	0.012	13:38	0.026	0.025	-
13:39	0.012	0.012	13:39	0.022	0.025	-
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13:45	0.012	0.012	13:45	0.025	0.024	-
13:46	0.012	0.012	13:46	0.024	0.024	-
13:47	0.012	0.012	13:47	0.024	0.024	-

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13:49	0.012	0.012	13:49	0.025	0.025	-
13:50	0.012	0.012	13:50	0.026	0.025	-
13:51	0.012	0.012	13:51	0.024	0.024	-
13:52	0.012	0.012	13:52	0.026	0.024	-
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13:56	0.012	0.012	13:56	0.029	0.026	-
13:57	0.012	0.012	13:57	0.029	0.026	-
13:58	0.012	0.012	13:58	0.029	0.027	-
13:59	0.012	0.012	13:59	0.028	0.027	-
14:00	0.012	0.012	14:00	0.028	0.027	-
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14:06	0.012	0.012	14:06	0.025	0.027	-
14:07	0.012	0.012	14:07	0.024	0.027	-
14:08	0.012	0.012	14:08	0.029	0.027	-
14:09	0.012	0.012	14:09	0.028	0.027	-
14:10	0.012	0.012	14:10	0.026	0.026	-
14:11	0.012	0.012	14:11	0.024	0.026	-
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14:17	0.012	0.012	14:17	0.018	0.023	-
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14:43	0.012	0.012	14:43	0.021	0.021	-

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14:47	0.012	0.012	14:47	0.018	0.020	-
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14:51	0.012	0.012	14:51	0.017	0.019	-
14:52	0.012	0.012	14:52	0.016	0.019	-
14:53	0.012	0.012	14:53	0.017	0.019	-
14:54	0.012	0.012	14:54	0.016	0.019	-
14:55	0.012	0.012	14:55	0.016	0.018	-
14:56	0.012	0.012	14:56	0.015	0.018	-
14:57	0.012	0.012	14:57	0.016	0.018	-
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14:59	0.012	0.012	14:59	0.016	0.017	-
15:00	0.012	0.012	15:00	0.016	0.017	-
15:01	0.012	0.012	15:01	0.016	0.017	-
15:02	0.012	0.012	15:02	0.016	0.017	-
15:03	0.012	0.012	15:03	0.016	0.017	-
15:04	0.012	0.012	15:04	0.015	0.016	-
15:05	0.012	0.012	15:05	0.016	0.016	-
15:06	0.012	0.012	15:06	0.016	0.016	-
15:07	0.012	0.012	15:07	0.015	0.016	-
15:08	0.012	0.012	15:08	0.016	0.016	-
15:09	0.012	0.012	15:09	0.016	0.016	-
15:10	0.012	0.012	15:10	0.016	0.016	-
15:11	0.012	0.012	15:11	0.031	0.017	-
15:12	0.012	0.012	15:12	0.016	0.017	-
15:13	0.012	0.012	15:13	0.018	0.017	-
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15:15	0.012	0.012	15:15	0.017	0.017	-
15:16	0.012	0.012	15:16	0.021	0.017	-
15:17	0.012	0.012	15:17	0.017	0.018	-
15:18	0.012	0.012	15:18	0.017	0.018	-
15:19	0.012	0.012	15:19	0.017	0.018	-
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15:22	0.012	0.012	15:22	0.018	0.018	-
15:23	0.012	0.012	15:23	0.018	0.018	-
15:24	0.012	0.012	15:24	0.019	0.018	-
15:25	0.012	0.012	15:25	0.019	0.019	-
15:26	0.012	0.012	15:26	0.018	0.018	-
15:27	0.012	0.012	15:27	0.018	0.018	-
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15:29	0.012	0.012	15:29	0.017	0.018	-
15:30	0.012	0.012	15:30	0.016	0.018	-
15:31	0.012	0.012	15:31	0.016	0.017	-
15:32	0.012	0.012	15:32	0.016	0.017	-
15:33	0.012	0.012	15:33	0.016	0.017	-
15:34	0.012	0.012	15:34	0.017	0.017	-
15:35	0.012	0.012	15:35	0.017	0.017	-
15:36	0.012	0.012	15:36	0.017	0.017	-
15:37	0.012	0.012	15:37	0.016	0.017	-
15:38	0.012	0.012	15:38	0.017	0.017	-
15:39	0.012	0.012	15:39	0.017	0.017	-

15:40	0.012	0.012	15:40	0.017	0.017	-
15:41	0.012	0.012	15:41	0.016	0.017	-
15:42	0.012	0.012	15:42	0.015	0.017	-
15:43	0.012	0.012	15:43	0.016	0.016	-

Friday, April 23, 2021

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0
Number of Comparable Data Points = 0
Start Time: 16:31
End Time: 16:36

PID DATA

Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
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16:31	0.0	16:31	0.3		
16:32	0.0	16:32	0.3		
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APPENDIX H

Historical DUSRs and Boring Logs

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Jessica Friscia, Langan Project Engineer
From: Joe Conboy, Langan Staff Chemist
Date: June 2, 2021
Re: Data Usability Summary Report
For 130 St Felix Street
May 2015 Soil Samples
Langan Project No.: 100842301

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in April and May 2019 by Langan Engineering and Environmental Services at 514 Union Street. The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide (CN), hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Methods 6010C/7471B
- Cyanide by SW-846 Method 9012B
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Technical Memorandum

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-17, "Validating Chlorinated Herbicides" (December 2010, Revision 3.1),
- USEPA Region II SOP #HW-37A, "Polychlorinated Biphenyl (PCB) Aroclor Data Validation" (June 2015, Revision 0),
- USEPA Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1),
- USEPA Region II SOP #HW-3a, "ICP-AES Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3b, "ICP-MS Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA-540-R-2017-001, January 2017), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that they are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum may include:

- | | | |
|-----------------------------------|---|------------------------------|
| • holding times | • surrogates | • overall system performance |
| • sample preservation | • internal standards | • serial dilutions |
| • sample extraction and digestion | • isotope dilutions | • dual column performance |
| • instrument tuning | • matrix spike/spike duplicate recoveries | • field duplicates |
| • instrument calibration | • target compound identification and quantification | • trip blanks |
| • laboratory blanks | • chromatograms | • field blanks |
| • laboratory control samples | | |

Technical Memorandum

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- R** – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- J** – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- U** – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- NJ** – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified for this data set.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

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For 130 St Felix Street
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VOCs by SW-846 Method 8260C

L1511932

The ICV analyzed on 5/6/2015 at 21:00 exhibited a RF below the control limit for 1,4-dioxane (0.0029). The associated results in samples EB13_7-9 and DUP01_053015 are qualified UJ because of potential indeterminate bias.

The ICV analyzed on 4/27/2015 at 09:42 exhibited %Ds above the control limit for dichlorodifluoromethane (35%), vinyl chloride (24.4%), and trichlorofluoromethane (21.32%). This ICV also exhibited an RF below the control limit for 1,4-dioxane (0.0028). The associated results in sample EB12_7-9 are qualified as UJ because of potential indeterminate bias.

The ICV analyzed on 4/25/2015 at 18:50 exhibited a RF below the control limit for 1,4-dioxane (0.0027). The associated results in samples EB07_10-12, EB09_4.5-5.5, and EB10_1-2 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 6/1/2015 at 07:22 (on instrument VOA110) exhibited %Ds above the control limit for bromomethane (24%), chloroethane (23%), 2-hexanone (-24%), and 1,2-dibromo-3-chloropropane (-29%). This CCV also exhibited a RF below the control limit for 1,4-dioxane (0.00271). The associated results in sample EB12_7-9 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 6/1/2015 at 07:22 (on instrument VOA111) exhibited %Ds above the control limit for acetone (-34%), vinyl acetate (-28%), 2-butanone (-29%), 1,2-dichloroethane (-23%), 1,4-dioxane (-22%), 4-methyl-2-pentanone (-29%), 2-hexanone (-34%), 1,2,3-trichloropropane (-20%), trans-1,4-dichloro-2-butene (-24%), and 1,2-dibromo-3-chloropropane (-25%). The associated results in sample EB07_10-12, EB09_4.5-5.5, and EB10_1-2 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 6/1/2015 at 07:24 (on instrument VOA100) exhibited %Ds above the control limit for bromomethane (34%), chloroethane (45%), trichlorofluoromethane (27%), acetone (-40%), 2-butanone (-25%), 2-hexanone (-30%), trans-1,4-dichloro-2-butene (-22%), and 1,2-dibromo-3-chloropropane (-21%). This CCV also exhibited a RF below the control limit for 1,4-dioxane (0.00255). The associated results in samples EB13_7-9 and DUP01_053015 are qualified as UJ because of potential indeterminate bias.

Sample EB07_10-12 exhibited a percent recovery below the LCL for the surrogate 1,2-dichloroethane-d4 (63%). The associated results are qualified as J or UJ because of potential low bias.

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For 130 St Felix Street
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Langan Project No.: 100842301
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Sample EB09_4.5-5.5 exhibited a percent recovery below the LCL for the internal standard 1,4-dichlorobenzene-d4 (34%). The associated results are qualified as J or UJ because of potential high bias or loss of instrument sensitivity.

The LCS/LCSD for batch WG789621 exhibited a percent recovery below the LCL for 2-hexanone (66%). The associated results in samples EB13_7-9 and DUP01_053015 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch WG789624 exhibited a percent recovery below the LCL for 2-hexanone (66%, 65%). The associated results in samples EB07_10-12, EB09_4.5-5.5, and EB10_1-2 are qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270D

L1511932

The CCV analyzed on 5/31/2015 at 14:30 exhibited %Ds above the control limit for hexachlorocyclopentadiene (-24%), di-n-octylphthalate (21%), and 3,3'-dichlorobenzidine (43%). The associated results in samples EB07_10-12, EB09_4.5-5.5, EB10_1-2, EB13_7-9, and DUP01_053115 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 6/1/2015 at 11:01 exhibited a %D above the control limit for hexachlorocyclopentadiene (-37%). The associated result in sample EB12_7-9 is qualified as UJ because of potential indeterminate bias.

Pesticides by SW-846 Method 8081B

L1511932

The CCV analyzed on 6/1/2015 at 10:50 exhibited %Ds above the control limit for delta-BHC (-29.5%), endrin (-23%), 4,4'-DDT (-20.2%), and endosulfan sulfate (-24.8%). The associated results in samples EB07_10-12, EB09_4.5-5.5, EB10_1-2, EB12_7-9, EB13_7-9, and DUP01_053115 are qualified as UJ because of potential indeterminate bias.

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Herbicides by SW-846 Method 8151A

L1511932

The CCV analyzed on 5/31/2015 at 17:31 exhibited a %D above the control limit for 2,4,5-T (15.3%). The associated results in samples EB07_10-12, EB09_4.5-5.5, EB10_1-2, EB12_7-9, and DUP01_053115 are qualified as UJ because of potential indeterminate bias.

Metals by SW-846 Method 6010C/7471A

L1511932

The MS performed on sample EB07_10-12 exhibited percent recoveries below the LCL for calcium (70%), chromium (70%), magnesium (70%), nickel (72%), thallium (66%), and zinc (72%). The associated results in sample EB07_10-12 are qualified as J or UJ because of potential low bias.

The post-digestion spike performed on sample EB07_10-12 exhibited percent recoveries below the LCL for calcium (69%), chromium (74%), nickel (71%), thallium (65%), and zinc (73%). The associated results in sample EB07_10-12 are qualified as J or UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

L1511932

The MB for batch WG789624 exhibited a detection of bromomethane (0.35 ug/kg). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270D

L1511932

The sample EB12_7-9 exhibited percent recoveries below the LCL for the surrogates nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 4-terphenyl-d14 (0%), phenol-d6 (0%), 2-fluorophenol (0%), and 2,4,6-tribromophenol (0%). The sample was diluted >10X. No qualification is necessary.

The LCS for batch WG789446 exhibited a percent recovery above the UCL for 2,4-dinitrotoluene (102%). The associated results are non-detects. No qualification is necessary.

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Pesticides by SW-846 Method 8081B

L1511932

The MB for batch WG789445 exhibited a detection of toxaphene (13.2 ug/kg). The associated results are non-detect. No qualification is necessary.

Metals by SW-846 Method 6010C/7471A

L1511932

The MS/MSD performed on sample EB07_10-12 exhibited percent recoveries outside of control limits for aluminum (150%), iron (0%), and manganese (20%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The post-digestion spike performed on sample EB07_10-12 exhibited percent recoveries outside for control limits for aluminum (296%), iron (0%), and manganese (79%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The MS performed on sample EB07_10-12 exhibited a percent recovery above the UCL for total mercury (126%). The associated results are non-detect. No qualification is necessary.

The MB for batch WG789685 exhibited a detection of TCLP barium (0.05 mg/L). The associated results are >10X the contamination. No qualification is necessary.

FIELD DUPLICATE:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm 2X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pairs were compared to the precision criteria:

- DUP01_053015 and EB07_10-12

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

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For 130 St Felix Street
May 2015 Soil Samples
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June 2, 2021 Page 8 of 8

Signed:



Joe Conboy
Staff Chemist

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Jessica Friscia, Langan Project Engineer
From: Joe Conboy, Langan Staff Chemist
Date: June 2, 2021
Re: Data Usability Summary Report
For 130 St Felix Street
May 2015 Groundwater Samples
Langan Project No.: 100842301

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in May 2015 by Langan Engineering and Environmental Services at 514 Union Street. The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total and dissolved metals by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D and 8270D selective ion monitoring (SIM)
- PCBs by SW-846 Method 8082A
- Total & Dissolved Metals by SW-846 Methods 6020A/7470A

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-17, "Validating Chlorinated Herbicides" (December 2010, Revision 3.1),

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- USEPA Region II SOP #HW-37A, "Polychlorinated Biphenyl (PCB) Aroclor Data Validation" (June 2015, Revision 0),
- USEPA Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1),
- USEPA Region II SOP #HW-3a, "ICP-AES Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3b, "ICP-MS Data Validation" (September 2016, Revision 1),
- USEPA Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA-540-R-2017-001, January 2017), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that they are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum may include:

- | | | |
|-----------------------------------|---|------------------------------|
| • holding times | • surrogates | • overall system performance |
| • sample preservation | • internal standards | • serial dilutions |
| • sample extraction and digestion | • isotope dilutions | • dual column performance |
| • instrument tuning | • matrix spike/spike duplicate recoveries | • field duplicates |
| • instrument calibration | • target compound identification and quantification | • trip blanks |
| • laboratory blanks | | • field blanks |
| • laboratory control samples | • chromatograms | |

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

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If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified for this data set.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

L1511932

The ICV analyzed on 5/27/2021 at 03:34 exhibited RFs below the control limit for acrylonitrile (0.048) and 1,4-dioxane (0.0012). The associated results in sample MW11_053015 and GWDUP01_053015 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 6/1/2015 at 08:50 exhibited %Ds above the control limit for dichlorodifluoromethane (-55%), chloromethane (-49%), vinyl chloride (-25%), bromomethane (-26%), trichlorofluoromethane (22%), 4-methyl-2-pentanone (-24%), tert-butylbenzene (-24%), sec-butylbenzene (-27%), p-isopropylbenzene (-27%), n-butylbenzene (-25%), and

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hexachlorobutadiene (-28%). The associated results in sample MW11_053015 and GWDUP01_053015 are qualified as UJ because of potential indeterminate bias.

The CCV analyzed on 6/1/2015 at 08:50 exhibited RFs below the control limit for acrylonitrile (0.0428) and 1,4-dioxane (0.00105). The associated results in sample MW11_053015 and GWDUP01_053015 are qualified as UJ because of potential indeterminate bias.

The LCS/LCSD for batch WG789639 exhibited percent recoveries below the LCL for chloromethane (51%, 43%), sec-butylbenzene (69%), p-isopropyltoluene (68%), and p-diethylbenzene (68%). The associated results in sample MW11_053015 and GWDUP01_053015 are qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270D and 8270D SIM

L1511932

The CCV analyzed on 5/31/2015 at 15:24 exhibited a %D above the control limit for hexachlorocyclopentadiene (-39%). The associated results in sample MW11_053015 and GWDUP01_053015 are qualified as UJ because of potential indeterminate bias.

Total and Dissolved Metals by SW-846 Method 6020A/7470A

L1511932

The MB for batch WG789582 exhibited detections of dissolved aluminum (0.003 mg/L), dissolved arsenic (0.0007 mg/L), dissolved barium (0.0001 mg/L), dissolved chromium (0.0005 mg/L), dissolved nickel (0.0002 mg/L), dissolved potassium (0.111 mg/L), dissolved silver (0.0005 mg/L), dissolved sodium (0.024 mg/L), and dissolved zinc (0.0057 mg/L). The associated results are qualified J or U at the reporting limit based on potential bias. The associated results that are non-detects or >10X the contamination did not require qualification.

The MB for batch WG789724 exhibited detections of total antimony (0.0004 mg/L), total nickel (0.0002 mg/L), and total potassium (0.035 mg/L). The associated total antimony results are qualified J or U at the reporting limit based on potential bias. The associated total nickel and total potassium results are >10X the contamination, so no qualification is necessary.

The MS performed on sample MW11_053015 exhibited percent recoveries below the LCL for dissolved calcium (0%), dissolved silver (58%), and dissolved sodium (0%). The associated silver results in the parent sample are qualified J based on the low MS recovery. The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

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The MS performed on sample MW11_053015 exhibited percent recoveries below the LCL for total calcium (61%), total iron (0%), total magnesium (13%), total silver (67%), and total sodium (64%). The associated total iron, total magnesium, and total silver results in sample MW11_053015 are qualified as J because of potential low bias. The associated total calcium and total sodium results in the parent sample are >4X the spiked amount, so no qualification is necessary.

The post-digestion spike performed on sample MW11_053015 exhibited a percent recovery below the LCL for total silver (72%). The associated results in sample MW11_053015 are qualified as J because of potential low bias.

The laboratory duplicate and parent sample (MW11_053015) exhibited RPDs above the control limit for total arsenic (25%), total chromium (51%), total cobalt (43%), total iron (29%), total lead (24%), and total nickel (53%). The associated results are qualified as J because of potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified in this data set.

FIELD DUPLICATE:

One field duplicate and parent sample pairs was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm 1X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pairs were compared to the precision criteria:

- GWDUP01_053015 and MW11_053015

The field duplicate and parent sample (MW11_053015/GWDUP01_053015) exhibited RPDs or absolute differences above the control limit for dissolved aluminum (62.5%), dissolved chromium (0.0024 mg/L), dissolved copper (0.0042 mg/L), dissolved nickel (56.4%), total chromium (41.6%), total cobalt (40%), and total nickel (49.7%). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above,

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For 130 St Felix Street
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Langan Project No.: 100842301
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that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Staff Chemist

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Jessica Friscia, Langan Project Engineer
From: Joe Conboy, Langan Staff Chemist
Date: June 2, 2021
Re: Data Usability Summary Report
For 130 St Felix Street
May 2015 Soil Vapor and Ambient Air Samples
Langan Project No.: 100842301

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in May 2015 by Langan Engineering and Environmental Services at the 280 West 155th Street Development site. The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017), and
- the specifics of the methods employed.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum may include:

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- holding times
- instrument calibration
- internal standard areas
- sample preservation
- laboratory blanks
- target compound identification and quantitation
- field duplicates
- instrument tuning
- laboratory control samples
- chromatograms
- overall system performance

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

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MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15:

L1511934

The ICAL for instrument AIRPIANO2 exhibited a RSD above the control limit for dichlorodifluoromethane (30.27%). The associated results in sample SV01, SV02, SV03, and AMB_053015 are qualified as J or UJ because of potential indeterminate bias.

Acetone results for samples SV01 and SV02 are considered to be estimates due to co-elution with a non-target peak. The associated results are qualified J based on the potential bias.

The presence of 2,2,4-trimethylpentane in sample SV01 could not be determined due to the presence of a non-target compound interfering with the identification and quantification. The associated result is qualified UJ because of the potential bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified in the data set.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

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Data Usability Summary Report
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May 2015 Soil Vapor and Ambient Air Samples
Langan Project No.:
June 2, 2021 Page 4 of 4

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.


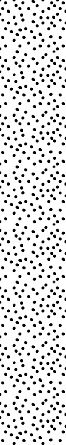

Signed:



Joe Conboy
Staff Chemist

Project 130 Saint Felix Street			Project No. 100842301		
Location 130 St Felix Street			Elevation and Datum 44.71-ft NAVD88		
Drilling Company AARCO Environmental Services Corp.		Date Started 5/30/15		Date Finished 5/30/15	
Drilling Equipment Geoprobe 7822			Completion Depth 16 ft		Rock Depth --
Size and Type of Bit 2 Inch Stainless Steel Direct Push			Number of Samples 4	Disturbed 4	Undisturbed --
Casing Diameter (in) --		Casing Depth (ft) --	Water Level (ft.) First ▽	Completion ▽	Core 24 HR. ▽
Casing Hammer --	Weight (lbs) --	Drop (in) --	Drilling Foreman Daybi Pachecko		
Sampler 1.75 in x 5 ft Acetate Lined Macrocore			Field Engineer A. Tashji		
Sampler Hammer --	Weight (lbs) --	Drop (in) --			

I:\LANGAN.COM\DATA\PARIDATA3\100842301\PROJECT DATA\ DISCIPLINE\ENVIRONMENTAL\GINTLOGS\100842301 ENTERPRISE.GPJ ... 7/28/2021 11:11:50 PM ... Report: Log - LANGAN

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BU/in		
	+44.7	ASPHALT	0					0.0	Started Drilling
		Dark gray f-c SAND, some gravel, trace mica (dry) [FILL]	1					0.0	
		Light brown f-c SAND, some gravel, trace silt, trace brick, trace slag (dry) [FILL]	2	M-1	MACROCORE	34		0.0	
		Dark to light brown f-c SAND, some gravel, some tile, mortar, trace brick (dry) [FILL]	3					0.0	
		Brown fine dense SAND, trace mica, trace silt (dry) [FILL]	4					0.0	Collected EB07_10-12 from 8-12-ft bgs
		Dark gray to brown f-c SAND, some gravel, trace slag, tile, mortar, silt, mica (dry) [FILL]	5	M-2	MACROCORE	42		0.0	
		Brown fine SAND, some silt, trace mica (moist)	6					0.0	
		Dark gray to brown f-c SAND, some gravel, trace slag, tile, mortar, silt, mica (dry) [FILL]	7					0.0	
	+35.9	Brown fine SAND, some gravel, brick (dry)	8	M-3	MACROCORE	48		0.0	Collected DUP01-013015 from 8-12-ft bgs
		Reddish brown dense f-c SAND, some gravel, trace mica (dry)	9					0.0	
		Brown fine SAND, some gravel, brick (dry)	10					0.0	
		Reddish brown dense f-c SAND, some gravel, trace mica (dry)	11	M-4	MACROCORE	29		0.0	
			12					0.0	Bottom of boring
			13					0.0	
			14					0.0	
			15					0.0	
	+28.7		16					0.0	
			17					0.0	
			18					0.0	
			19					0.0	
			20					0.0	

Project 130 Saint Felix Street		Project No. 100842301	
Location 130 St Felix Street		Elevation and Datum 45.87-ft NAVD88	
Drilling Company AARCO Environmental Services Corp.		Date Started 5/30/15	Date Finished 5/30/15
Drilling Equipment Geoprobe 7822		Completion Depth 16 ft	Rock Depth --
Size and Type of Bit 2 Inch Stainless Steel Direct Push		Number of Samples	Disturbed 4
Casing Diameter (in) --		Casing Depth (ft) --	Undisturbed --
Casing Hammer --		Weight (lbs) --	Drop (in) --
Sampler 1.75 in x 5 ft Acetate Lined Macrocore		Water Level (ft.) First --	Completion --
Sampler Hammer --		Weight (lbs) --	Drop (in) --
		Drilling Foreman Daybi Pachecko	
		Field Engineer A. Tashji	

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BU/in		PID Reading (ppm)
	+45.9	ASPHALT	0					0.0	Started Drilling Collected EB09_4.5-5.5 from 4-8-ft bgs Bottom of boring
		Dark gray f-m SAND, some gravel, some coal ash, trace slag (dry) [FILL]	1					0.0	
		Light brown f-c SAND, some gravel, trace brick, trace silt [FILL]	2	M-1	MACROCORE	27		0.0	
		Dark gray f-m SAND, some coal ash, trace brick, trace glass (dry) [FILL]	3					0.0	
		Dark gray f-m SAND, trace brick, trace gravel, trace silt (dry) [FILL]	4					0.0	
		Brown fine dense SAND, some silt, trace mica (dry) [FILL]	5					0.0	
		Dark gray f-m SAND, some coal ash, trace brick, trace glass (dry) [FILL]	6	M-2	MACROCORE	41		0.0	
		Brown to dark gray f-m SAND, trace gravel, trace brick (dry) [FILL]	7					0.0	
		Brown fine dense SAND, trace silt (dry) [FILL]	8					0.0	
	+36.1	Brown SILT (moist)	9					0.0	
	+35.6	Dark brown f-c dense SAND, some fine gravel, trace silt (dry)	10	M-3	MACROCORE	41		0.0	
		Reddish brown to white f-c SAND (dry)	11					0.0	
		Red to brown f-c dense SAND, some f-c gravel, trace silt (dry)	12					0.0	
			13					0.0	
			14	M-4	MACROCORE	42		0.0	
			15					0.0	
			16					0.0	
	+29.9		17					0.0	
			18					0.0	
			19					0.0	
			20					0.0	

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Project 130 Saint Felix Street		Project No. 100842301	
Location 130 St Felix Street		Elevation and Datum 48-ft NAVD88	
Drilling Company AARCO Environmental Services Corp.		Date Started 5/30/15	Date Finished 5/30/15
Drilling Equipment Geoprobe 7822		Completion Depth 16 ft	Rock Depth --
Size and Type of Bit 2 Inch Stainless Steel Direct Push		Number of Samples	Disturbed 4
Casing Diameter (in) --		Casing Depth (ft) --	Undisturbed --
Casing Hammer --		Weight (lbs) --	Drop (in) --
Sampler 1.75 in x 5 ft Acetate Lined Macrocore		Water Level (ft.) First --	Completion --
Sampler Hammer --		Weight (lbs) --	Drop (in) --
		Drilling Foreman Daybi Pachecko	
		Field Engineer A. Tashji	

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist BU/in		
	+48.0	ASPHALT Dark gray f-c SAND, some asphalt, some gravel, some slag (dry) [FILL] Brown to light brown f-m SAND, trace coal, trace brick, trace gravel, trace silt (dry) [FILL] Brown fine SAND, trace silt, trace mica, trace gravel (dry) [FILL]	0					0.0	Started Drilling
			1					0.0	
			2	M-1	MACROCORE	33		0.0	
			3					0.0	
		Brown fine SAND, trace mica (dry) [FILL]	4					0.0	Collected EB10_1-2 from 1-2-ft bgs
			5					0.0	
			6	M-2	MACROCORE	41		0.0	
		Brown fine SAND, some silt, trace mica (dry)	7					0.0	
		Brown fine SAND, some silt, trace mica (dry)	8					0.0	
			9					0.0	
		Brown fine SAND, some silt, trace mica (moist-wet)	10	M-3	MACROCORE	43		0.0	
			11					0.0	
		Brown fine SAND, some silt, trace mica (moist)	12					0.0	
	+35.0	Brown fine SILT (moist)	13					0.0	
	+34.3	Dark brown f-m SAND, some gravel, trace silt (dry)	14	M-4	MACROCORE	38		0.0	
			15					0.0	
			16					0.0	Bottom of boring
	+32.0		17					0.0	
			18					0.0	
			19					0.0	
			20					0.0	

Project 130 Saint Felix Street			Project No. 100842301		
Location 130 St Felix Street			Elevation and Datum 47.48-ft NAVD88		
Drilling Company AARCO Environmental Services Corp.		Date Started 5/30/15		Date Finished 5/30/15	
Drilling Equipment Geoprobe 7822		Completion Depth 13 ft		Rock Depth --	
Size and Type of Bit 2 Inch Stainless Steel Direct Push			Number of Samples	Disturbed 4	Undisturbed --
Casing Diameter (in) --	Casing Depth (ft) --	Water Level (ft.) First ▽	Completion ▽	24 HR. ▽	--
Casing Hammer --	Weight (lbs) --	Drop (in) --	Drilling Foreman Daybi Pachecko		
Sampler 1.75 in x 5 ft Acetate Lined Macrocore			Field Engineer A. Tashji		
Sampler Hammer --	Weight (lbs) --	Drop (in) --			

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist	BLU/in		PID Reading (ppm)
	+47.5	ASPHALT	0						0.0	Started Drilling
		Gray CONCRETE, trace dark gray f-m sand (dry) [FILL]	1						0.0	
		Dark gray to brown f-m SAND, some gravel, some ash, trace brick (dry) [FILL]	2	M-1	MACROCORE				0.0	
			3						0.0	
		Light brown f-m SAND, some brick, some concrete, some gravel, trace wood (dry) [FILL]	4						0.0	
			5						0.0	
		Black f-c SAND, some coal ash (dry) [FILL]	6	M-2	MACROCORE				0.0	
			7						0.0	
		Dark gray to brown f-m SAND, some coal, some brick, trace concrete (dry) [FILL]	8						0.0	
	+38.4		9						0.0	
	+37.3	Brown fine dense SAND, trace mica (moist)	10	M-3	MACROCORE				0.0	
	+36.3	Brown SILT, trace fine gravel (moist)	11						0.0	
	+34.5	Dark brown f-c SAND, some f-c gravel, trace silt (dry)	12	M-4	MACROCORE				0.0	
			13						0.0	
			14						0.0	
			15						0.0	
			16						0.0	
			17						0.0	
			18						0.0	
			19						0.0	
			20						0.0	
										Macrocore bent at refusal

Project 130 Saint Felix Street			Project No. 100842301		
Location 130 St Felix Street			Elevation and Datum 48.33-ft NAVD88		
Drilling Company AARCO Environmental Services Corp.		Date Started 5/30/15		Date Finished 5/30/15	
Drilling Equipment Geoprobe 7822			Completion Depth 16 ft		Rock Depth --
Size and Type of Bit 2 Inch Stainless Steel Direct Push			Number of Samples 4	Disturbed 4	Undisturbed --
Casing Diameter (in) --		Casing Depth (ft) --	Water Level (ft.) First ▽	Completion ▽	Core 24 HR. ▽
Casing Hammer --	Weight (lbs) --	Drop (in) --	Drilling Foreman Daybi Pachecko		
Sampler 1.75 in x 5 ft Acetate Lined Macrocore			Field Engineer A. Tashji		
Sampler Hammer --	Weight (lbs) --	Drop (in) --			

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BU/in		
	+48.3	ASPHALT	0					0.2	Started Drilling
		Dark gray f-m SAND, some gravel, some slag, trace brick, trace silt (dry) [FILL]	1					0.1	
		Dark brown f-m SAND, some gravel, trace brick, trace silt (dry) [FILL]	2	M-1	MACROCORE	31		0.0	
		Dark gray to brown f-m SAND, some gravel, some brick, trace silt (dry) [FILL]	3					0.0	
			4					0.0	
			5					0.0	
			6	M-2	MACROCORE	13		0.0	
		Brown f-c SAND and BRICK (dry) [FILL]	7					0.0	
		Light brown f-c SAND, some gravel, some brick, some mortar, trace coal, trace silt (dry) [FILL]	8					0.0	
		Light brown SAND, trace silt, trace mica (dry) [FILL]	9					0.0	
	+39.0	Brown fine SAND, some silty sand, trace gravel, trace mica (dry)	10	M-3	MACROCORE	48		0.0	
			11					0.0	
		Dark brown f-m SAND, some gravel, trace silt (dry)	12					0.0	
			13					0.0	
	+34.1	Brown fine SILT (dry)	14	M-4	MACROCORE	48		0.0	
	+33.6	Dark brown dense f-c SAND, some gravel (dry)	15					0.0	
	+32.3		16					0.0	
			17					0.0	
			18					0.0	
			19					0.0	
			20					0.0	

Bottom of boring