

Appendix G

RAW Analytical Data

1454 39th Street, Brooklyn, NY
BCP #C224311



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ANALYTICAL REPORT

Lab Number:	L2152369
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Todd Kelly
Phone:	(973) 808-9050
Project Name:	SNL
Project Number:	10737:9
Report Date:	10/12/21

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2152369-01	I-1	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 10:30	09/28/21
L2152369-02	I-2	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 10:25	09/28/21
L2152369-03	I-3	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 10:20	09/28/21
L2152369-04	H-1	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 11:30	09/28/21
L2152369-05	H-2	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 11:25	09/28/21
L2152369-06	H-3	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 11:20	09/28/21
L2152369-07	G-1	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 12:00	09/28/21
L2152369-08	G-2	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 12:05	09/28/21
L2152369-09	G-3	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 12:10	09/28/21
L2152369-10	DUP-1	SOIL	1454 39TH ST, BROOKLYN, NY	09/27/21 00:00	09/28/21

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
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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.

Project Name: SNL
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Case Narrative (continued)

Report Submission

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

Semivolatile Organics

The WG1554194-2/-3 LCS/LCSD recoveries, associated with L2152369-01 through -10, are below the acceptance criteria for benzoic acid (4%/1%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2152369-01 through -10: 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 WG1552499-3 MS recoveries for aluminum (177%) and iron (0%), performed on L2152369-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1552499-4 Laboratory Duplicate RPD for vanadium (29%), performed on L2152369-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total

The WG1556209-2/-3 LCS/LCSD recoveries for cyanide, total (46%/62%), associated with L2152369-01 through -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1556298-2/-3 LCS/LCSD recoveries for cyanide, total (40%/44%), associated with L2152369-08 through -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 10/12/21

ORGANICS

VOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 12:57
Analyst: MKS
Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
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	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
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	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 13:17
Analyst: MKS
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	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	0.32	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	0.34	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	0.20	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	0.67	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	0.56	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
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	0.69	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
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	0.40	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	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 13:38
Analyst: MKS
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
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	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.6	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	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	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
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	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 13:58
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	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	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
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	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	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	0.22	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	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
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	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 14:19
Analyst: MKS
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.69	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
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	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.69	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.90	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
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	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.24	1
p-Ethyltoluene	ND		ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 14:39
Analyst: MKS
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
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	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
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	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 15:00
Analyst: MKS
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	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	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	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	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
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	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.27	1
p/m-Xylene	ND		ug/kg	2.6	0.74	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	2.6	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	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.18	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
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	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.24	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 15:20
Analyst: MKS
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
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	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
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	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 15:41
Analyst: MKS
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
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	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	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	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
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	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/21 16:01
Analyst: MKS
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	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	4.7	0.81	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	0.13	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	4.7	0.29	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	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
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	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	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	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
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	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/08/21 12:36
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1556657-5					
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	0.13	J	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	1.8	J	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 12:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1556657-5					
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	3.0	J	ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 12:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1556657-5					
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	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1556657-3 WG1556657-4								
Methylene chloride	102		98		70-130	4		30
1,1-Dichloroethane	95		90		70-130	5		30
Chloroform	92		89		70-130	3		30
Carbon tetrachloride	108		104		70-130	4		30
1,2-Dichloropropane	105		102		70-130	3		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	95		97		70-130	2		30
Tetrachloroethene	112		111		70-130	1		30
Chlorobenzene	101		100		70-130	1		30
Trichlorofluoromethane	106		101		70-139	5		30
1,2-Dichloroethane	94		93		70-130	1		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	90		88		70-130	2		30
trans-1,3-Dichloropropene	101		103		70-130	2		30
cis-1,3-Dichloropropene	107		106		70-130	1		30
1,1-Dichloropropene	105		101		70-130	4		30
Bromoform	95		97		70-130	2		30
1,1,2,2-Tetrachloroethane	90		91		70-130	1		30
Benzene	102		100		70-130	2		30
Toluene	103		100		70-130	3		30
Ethylbenzene	104		102		70-130	2		30
Chloromethane	94		88		52-130	7		30
Bromomethane	111		106		57-147	5		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1556657-3 WG1556657-4								
Vinyl chloride	104		98		67-130	6		30
Chloroethane	82		80		50-151	2		30
1,1-Dichloroethene	94		91		65-135	3		30
trans-1,2-Dichloroethene	92		88		70-130	4		30
Trichloroethene	104		102		70-130	2		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	102		101		70-130	1		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	100		98		70-130	2		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	93		89		70-130	4		30
Dibromomethane	89		88		70-130	1		30
Styrene	97		96		70-130	1		30
Dichlorodifluoromethane	100		94		30-146	6		30
Acetone	100		110		54-140	10		30
Carbon disulfide	97		92		59-130	5		30
2-Butanone	93		95		70-130	2		30
Vinyl acetate	96		96		70-130	0		30
4-Methyl-2-pentanone	91		100		70-130	9		30
1,2,3-Trichloropropane	97		101		68-130	4		30
2-Hexanone	87		95		70-130	9		30
Bromochloromethane	89		85		70-130	5		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1556657-3 WG1556657-4								
2,2-Dichloropropane	98		93		70-130	5		30
1,2-Dibromoethane	103		106		70-130	3		30
1,3-Dichloropropane	102		105		69-130	3		30
1,1,1,2-Tetrachloroethane	107		105		70-130	2		30
Bromobenzene	102		100		70-130	2		30
n-Butylbenzene	110		106		70-130	4		30
sec-Butylbenzene	107		103		70-130	4		30
tert-Butylbenzene	107		104		70-130	3		30
o-Chlorotoluene	103		99		70-130	4		30
p-Chlorotoluene	103		100		70-130	3		30
1,2-Dibromo-3-chloropropane	90		92		68-130	2		30
Hexachlorobutadiene	111		108		67-130	3		30
Isopropylbenzene	108		104		70-130	4		30
p-Isopropyltoluene	108		104		70-130	4		30
Naphthalene	91		98		70-130	7		30
Acrylonitrile	74		78		70-130	5		30
n-Propylbenzene	107		103		70-130	4		30
1,2,3-Trichlorobenzene	98		100		70-130	2		30
1,2,4-Trichlorobenzene	102		103		70-130	1		30
1,3,5-Trimethylbenzene	105		102		70-130	3		30
1,2,4-Trimethylbenzene	103		100		70-130	3		30
1,4-Dioxane	86		92		65-136	7		30
p-Diethylbenzene	108		104		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1556657-3 WG1556657-4								
p-Ethyltoluene	106		102		70-130	4		30
1,2,4,5-Tetramethylbenzene	90		100		70-130	11		30
Ethyl ether	89		91		67-130	2		30
trans-1,4-Dichloro-2-butene	88		91		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		92		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	93		91		70-130

SEMIVOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 03:35
Analyst: EK
Percent Solids: 98%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.	1
Hexachlorobenzene	ND		ug/kg	99	18.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.	1
2-Chloronaphthalene	ND		ug/kg	160	16.	1
1,2-Dichlorobenzene	ND		ug/kg	160	30.	1
1,3-Dichlorobenzene	ND		ug/kg	160	28.	1
1,4-Dichlorobenzene	ND		ug/kg	160	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.	1
2,4-Dinitrotoluene	ND		ug/kg	160	33.	1
2,6-Dinitrotoluene	ND		ug/kg	160	28.	1
Fluoranthene	22	J	ug/kg	99	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.	1
Hexachlorobutadiene	ND		ug/kg	160	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	470	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	21.	1
Naphthalene	45	J	ug/kg	160	20.	1
Nitrobenzene	ND		ug/kg	150	24.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.	1
Butyl benzyl phthalate	ND		ug/kg	160	42.	1
Di-n-butylphthalate	ND		ug/kg	160	31.	1
Di-n-octylphthalate	ND		ug/kg	160	56.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
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	160	15.	1
Dimethyl phthalate	ND		ug/kg	160	35.	1
Benzo(a)anthracene	ND		ug/kg	99	19.	1
Benzo(a)pyrene	ND		ug/kg	130	40.	1
Benzo(b)fluoranthene	ND		ug/kg	99	28.	1
Benzo(k)fluoranthene	ND		ug/kg	99	26.	1
Chrysene	ND		ug/kg	99	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	99	32.	1
Benzo(ghi)perylene	ND		ug/kg	130	19.	1
Fluorene	ND		ug/kg	160	16.	1
Phenanthrene	ND		ug/kg	99	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	19	J	ug/kg	99	16.	1
Biphenyl	ND		ug/kg	380	38.	1
4-Chloroaniline	ND		ug/kg	160	30.	1
2-Nitroaniline	ND		ug/kg	160	32.	1
3-Nitroaniline	ND		ug/kg	160	31.	1
4-Nitroaniline	ND		ug/kg	160	68.	1
Dibenzofuran	ND		ug/kg	160	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.	1
Acetophenone	ND		ug/kg	160	20.	1
2,4,6-Trichlorophenol	ND		ug/kg	99	31.	1
p-Chloro-m-cresol	ND		ug/kg	160	25.	1
2-Chlorophenol	ND		ug/kg	160	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	26.	1
2,4-Dimethylphenol	ND		ug/kg	160	54.	1
2-Nitrophenol	ND		ug/kg	360	62.	1
4-Nitrophenol	ND		ug/kg	230	67.	1
2,4-Dinitrophenol	ND		ug/kg	790	77.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.	1
Pentachlorophenol	ND		ug/kg	130	36.	1
Phenol	ND		ug/kg	160	25.	1
2-Methylphenol	ND		ug/kg	160	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
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	160	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	160	50.	1
Carbazole	ND		ug/kg	160	16.	1
1,4-Dioxane	ND		ug/kg	25	7.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	95		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 02:30
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
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	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	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	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
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	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	78		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 01:25
Analyst: EK
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

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	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	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	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
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	42.	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	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	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
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	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	102		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 07:14
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	100	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	24	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
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	54	J	ug/kg	110	21.	1
Benzo(a)pyrene	46	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	61	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	51	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	29	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	68	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	30	J	ug/kg	150	26.	1
Pyrene	91	J	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
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	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	66		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 05:24
Analyst: EK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

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	67	J	ug/kg	100	19.	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	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	44	J	ug/kg	170	20.	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	58.	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
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	38	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	38	J	ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	32	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	20	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	50	J	ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	58	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	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	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	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	26.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
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	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	109		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 02:08
Analyst: EK
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

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	19.	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	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
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	28.	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	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	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	26.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
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	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	104		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 04:41
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	97	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
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	44	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	44	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	44	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	22	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	92	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	78	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
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	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	99		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 03:57
Analyst: EK
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	37	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	36	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
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	24	J	ug/kg	100	19.	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	19	J	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	31	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	34	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
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	94		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	94		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 01:47
Analyst: EK
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
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	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	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	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
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	97		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	108		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/21 03:14
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:16

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	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
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	101		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	105		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/21 21:04
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/04/21 14:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1554194-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	29.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/21 21:04
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/04/21 14:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1554194-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	39.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/21 21:04
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/04/21 14:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1554194-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1554194-2 WG1554194-3								
Acenaphthene	70		65		31-137	7		50
1,2,4-Trichlorobenzene	65		60		38-107	8		50
Hexachlorobenzene	63		59		40-140	7		50
Bis(2-chloroethyl)ether	71		65		40-140	9		50
2-Chloronaphthalene	69		64		40-140	8		50
1,2-Dichlorobenzene	66		60		40-140	10		50
1,3-Dichlorobenzene	65		60		40-140	8		50
1,4-Dichlorobenzene	65		61		28-104	6		50
3,3'-Dichlorobenzidine	58		54		40-140	7		50
2,4-Dinitrotoluene	72		66		40-132	9		50
2,6-Dinitrotoluene	71		66		40-140	7		50
Fluoranthene	74		68		40-140	8		50
4-Chlorophenyl phenyl ether	68		62		40-140	9		50
4-Bromophenyl phenyl ether	68		60		40-140	13		50
Bis(2-chloroisopropyl)ether	76		68		40-140	11		50
Bis(2-chloroethoxy)methane	73		66		40-117	10		50
Hexachlorobutadiene	62		61		40-140	2		50
Hexachlorocyclopentadiene	59		53		40-140	11		50
Hexachloroethane	66		59		40-140	11		50
Isophorone	77		70		40-140	10		50
Naphthalene	70		66		40-140	6		50
Nitrobenzene	76		70		40-140	8		50
NDPA/DPA	72		67		36-157	7		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1554194-2 WG1554194-3								
n-Nitrosodi-n-propylamine	76		70		32-121	8		50
Bis(2-ethylhexyl)phthalate	79		75		40-140	5		50
Butyl benzyl phthalate	81		74		40-140	9		50
Di-n-butylphthalate	79		73		40-140	8		50
Di-n-octylphthalate	82		76		40-140	8		50
Diethyl phthalate	72		65		40-140	10		50
Dimethyl phthalate	72		66		40-140	9		50
Benzo(a)anthracene	72		67		40-140	7		50
Benzo(a)pyrene	74		68		40-140	8		50
Benzo(b)fluoranthene	72		67		40-140	7		50
Benzo(k)fluoranthene	76		68		40-140	11		50
Chrysene	69		64		40-140	8		50
Acenaphthylene	72		67		40-140	7		50
Anthracene	72		67		40-140	7		50
Benzo(ghi)perylene	72		66		40-140	9		50
Fluorene	72		66		40-140	9		50
Phenanthrene	71		65		40-140	9		50
Dibenzo(a,h)anthracene	76		71		40-140	7		50
Indeno(1,2,3-cd)pyrene	73		67		40-140	9		50
Pyrene	73		67		35-142	9		50
Biphenyl	68		64		37-127	6		50
4-Chloroaniline	69		65		40-140	6		50
2-Nitroaniline	73		67		47-134	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1554194-2 WG1554194-3								
3-Nitroaniline	60		55		26-129	9		50
4-Nitroaniline	64		61		41-125	5		50
Dibenzofuran	70		64		40-140	9		50
2-Methylnaphthalene	68		63		40-140	8		50
1,2,4,5-Tetrachlorobenzene	65		61		40-117	6		50
Acetophenone	70		65		14-144	7		50
2,4,6-Trichlorophenol	68		65		30-130	5		50
p-Chloro-m-cresol	78		72		26-103	8		50
2-Chlorophenol	72		67		25-102	7		50
2,4-Dichlorophenol	74		69		30-130	7		50
2,4-Dimethylphenol	80		72		30-130	11		50
2-Nitrophenol	72		67		30-130	7		50
4-Nitrophenol	81		74		11-114	9		50
2,4-Dinitrophenol	38		26		4-130	38		50
4,6-Dinitro-o-cresol	72		65		10-130	10		50
Pentachlorophenol	61		53		17-109	14		50
Phenol	78		71		26-90	9		50
2-Methylphenol	78		71		30-130.	9		50
3-Methylphenol/4-Methylphenol	82		76		30-130	8		50
2,4,5-Trichlorophenol	70		66		30-130	6		50
Benzoic Acid	4	Q	1	Q	10-110	94	Q	50
Benzyl Alcohol	80		72		40-140	11		50
Carbazole	72		67		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1554194-2 WG1554194-3								
1,4-Dioxane	54		53		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		69		25-120
Phenol-d6	77		71		10-120
Nitrobenzene-d5	75		69		23-120
2-Fluorobiphenyl	67		64		30-120
2,4,6-Tribromophenol	62		59		10-136
4-Terphenyl-d14	75		70		18-120

PCBS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 12:02
Analyst: JWJ
Percent Solids: 98%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.96	1	A
Aroclor 1221	ND		ug/kg	33.4	3.34	1	A
Aroclor 1232	ND		ug/kg	33.4	7.08	1	A
Aroclor 1242	ND		ug/kg	33.4	4.50	1	A
Aroclor 1248	ND		ug/kg	33.4	5.01	1	A
Aroclor 1254	ND		ug/kg	33.4	3.65	1	A
Aroclor 1260	ND		ug/kg	33.4	6.17	1	A
Aroclor 1262	ND		ug/kg	33.4	4.24	1	A
Aroclor 1268	ND		ug/kg	33.4	3.46	1	A
PCBs, Total	ND		ug/kg	33.4	2.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 12:14
Analyst: JWL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 12:27
Analyst: JWJ
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.7	2.99	1	A
Aroclor 1221	ND		ug/kg	33.7	3.38	1	A
Aroclor 1232	ND		ug/kg	33.7	7.15	1	A
Aroclor 1242	ND		ug/kg	33.7	4.54	1	A
Aroclor 1248	ND		ug/kg	33.7	5.06	1	A
Aroclor 1254	ND		ug/kg	33.7	3.69	1	A
Aroclor 1260	ND		ug/kg	33.7	6.23	1	A
Aroclor 1262	ND		ug/kg	33.7	4.28	1	A
Aroclor 1268	ND		ug/kg	33.7	3.49	1	A
PCBs, Total	ND		ug/kg	33.7	2.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 12:40
Analyst: JWJ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.7	3.17	1	A
Aroclor 1221	ND		ug/kg	35.7	3.58	1	A
Aroclor 1232	ND		ug/kg	35.7	7.57	1	A
Aroclor 1242	ND		ug/kg	35.7	4.81	1	A
Aroclor 1248	ND		ug/kg	35.7	5.36	1	A
Aroclor 1254	ND		ug/kg	35.7	3.90	1	A
Aroclor 1260	ND		ug/kg	35.7	6.60	1	A
Aroclor 1262	ND		ug/kg	35.7	4.53	1	A
Aroclor 1268	ND		ug/kg	35.7	3.70	1	A
PCBs, Total	ND		ug/kg	35.7	3.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 12:53
Analyst: JWJ
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/06/21 06:15
Analyst: CW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.1	3.03	1	A
Aroclor 1221	ND		ug/kg	34.1	3.42	1	A
Aroclor 1232	ND		ug/kg	34.1	7.24	1	A
Aroclor 1242	ND		ug/kg	34.1	4.60	1	A
Aroclor 1248	ND		ug/kg	34.1	5.12	1	A
Aroclor 1254	ND		ug/kg	34.1	3.73	1	A
Aroclor 1260	ND		ug/kg	34.1	6.31	1	A
Aroclor 1262	ND		ug/kg	34.1	4.34	1	A
Aroclor 1268	ND		ug/kg	34.1	3.54	1	A
PCBs, Total	ND		ug/kg	34.1	3.03	1	A

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	61		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 13:06
Analyst: JWJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.4	3.14	1	A
Aroclor 1221	ND		ug/kg	35.4	3.55	1	A
Aroclor 1232	ND		ug/kg	35.4	7.50	1	A
Aroclor 1242	ND		ug/kg	35.4	4.77	1	A
Aroclor 1248	ND		ug/kg	35.4	5.31	1	A
Aroclor 1254	ND		ug/kg	35.4	3.87	1	A
Aroclor 1260	ND		ug/kg	35.4	6.54	1	A
Aroclor 1262	ND		ug/kg	35.4	4.49	1	A
Aroclor 1268	ND		ug/kg	35.4	3.67	1	A
PCBs, Total	ND		ug/kg	35.4	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 13:18
Analyst: JWL
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.40	1	A
Aroclor 1232	ND		ug/kg	34.0	7.20	1	A
Aroclor 1242	ND		ug/kg	34.0	4.58	1	A
Aroclor 1248	ND		ug/kg	34.0	5.09	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.28	1	A
Aroclor 1262	ND		ug/kg	34.0	4.31	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 13:31
Analyst: JWJ
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.36	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.21	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.41	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.60	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 13:44
Analyst: JWL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

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	7.42	1	A
Aroclor 1242	ND		ug/kg	35.0	4.72	1	A
Aroclor 1248	ND		ug/kg	35.0	5.25	1	A
Aroclor 1254	ND		ug/kg	35.0	3.83	1	B
Aroclor 1260	ND		ug/kg	35.0	6.47	1	A
Aroclor 1262	ND		ug/kg	35.0	4.44	1	A
Aroclor 1268	ND		ug/kg	35.0	3.62	1	A
PCBs, Total	ND		ug/kg	35.0	3.11	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/05/21 11:23
Analyst: JWL

Extraction Method: EPA 3546
Extraction Date: 10/05/21 01:06
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1554353-1						
Aroclor 1016	ND		ug/kg	32.1	2.85	A
Aroclor 1221	ND		ug/kg	32.1	3.22	A
Aroclor 1232	ND		ug/kg	32.1	6.80	A
Aroclor 1242	ND		ug/kg	32.1	4.33	A
Aroclor 1248	ND		ug/kg	32.1	4.81	A
Aroclor 1254	ND		ug/kg	32.1	3.51	A
Aroclor 1260	ND		ug/kg	32.1	5.93	A
Aroclor 1262	ND		ug/kg	32.1	4.08	A
Aroclor 1268	ND		ug/kg	32.1	3.32	A
PCBs, Total	ND		ug/kg	32.1	2.85	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1554353-2 WG1554353-3									
Aroclor 1016	83		82		40-140	1		50	A
Aroclor 1260	92		88		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		63		30-150	A
Decachlorobiphenyl	71		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		64		30-150	B
Decachlorobiphenyl	75		73		30-150	B

PESTICIDES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 13:45
Analyst: JAW
Percent Solids: 98%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.54	0.301	1	A
Lindane	ND		ug/kg	0.641	0.286	1	A
Alpha-BHC	ND		ug/kg	0.641	0.182	1	A
Beta-BHC	ND		ug/kg	1.54	0.583	1	A
Heptachlor	ND		ug/kg	0.769	0.345	1	A
Aldrin	ND		ug/kg	1.54	0.541	1	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	1	A
Endrin	ND		ug/kg	0.641	0.263	1	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	1	A
Endrin ketone	ND		ug/kg	1.54	0.396	1	A
Dieldrin	ND		ug/kg	0.961	0.481	1	A
4,4'-DDE	ND		ug/kg	1.54	0.356	1	A
4,4'-DDD	ND		ug/kg	1.54	0.548	1	A
4,4'-DDT	ND		ug/kg	2.88	1.24	1	A
Endosulfan I	ND		ug/kg	1.54	0.363	1	A
Endosulfan II	ND		ug/kg	1.54	0.514	1	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	1	A
Methoxychlor	ND		ug/kg	2.88	0.897	1	A
Toxaphene	ND		ug/kg	28.8	8.07	1	A
cis-Chlordane	ND		ug/kg	1.92	0.536	1	A
trans-Chlordane	ND		ug/kg	1.92	0.508	1	A
Chlordane	ND		ug/kg	12.8	5.09	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
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	78		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 15:58
Analyst: JAW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
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	71		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 16:09
Analyst: JAW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.934	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.727	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.519	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	3.11	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.969	1	A
Toxaphene	ND		ug/kg	31.1	8.72	1	A
cis-Chlordane	ND		ug/kg	2.08	0.578	1	A
trans-Chlordane	ND		ug/kg	2.08	0.548	1	A
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
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	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 16:20
Analyst: JAW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.320	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.858	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	3.22	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.01	1	A
cis-Chlordane	ND		ug/kg	2.14	0.598	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
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	69		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 16:31
Analyst: JAW
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.316	1	A
Lindane	ND		ug/kg	0.673	0.301	1	A
Alpha-BHC	ND		ug/kg	0.673	0.191	1	A
Beta-BHC	ND		ug/kg	1.62	0.612	1	A
Heptachlor	ND		ug/kg	0.808	0.362	1	A
Aldrin	ND		ug/kg	1.62	0.569	1	A
Heptachlor epoxide	ND		ug/kg	3.03	0.909	1	A
Endrin	ND		ug/kg	0.673	0.276	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.707	1	A
Endrin ketone	ND		ug/kg	1.62	0.416	1	A
Dieldrin	ND		ug/kg	1.01	0.505	1	A
4,4'-DDE	ND		ug/kg	1.62	0.374	1	A
4,4'-DDD	ND		ug/kg	1.62	0.576	1	A
4,4'-DDT	ND		ug/kg	3.03	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.382	1	A
Endosulfan II	ND		ug/kg	1.62	0.540	1	A
Endosulfan sulfate	ND		ug/kg	0.673	0.320	1	A
Methoxychlor	ND		ug/kg	3.03	0.942	1	A
Toxaphene	ND		ug/kg	30.3	8.48	1	A
cis-Chlordane	ND		ug/kg	2.02	0.563	1	A
trans-Chlordane	ND		ug/kg	2.02	0.533	1	A
Chlordane	ND		ug/kg	13.5	5.35	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
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	72		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 16:42
Analyst: JAW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.315	1	A
Lindane	ND		ug/kg	0.670	0.300	1	A
Alpha-BHC	ND		ug/kg	0.670	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.610	1	A
Heptachlor	ND		ug/kg	0.804	0.360	1	A
Aldrin	ND		ug/kg	1.61	0.566	1	A
Heptachlor epoxide	ND		ug/kg	3.02	0.904	1	A
Endrin	ND		ug/kg	0.670	0.275	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.704	1	A
Endrin ketone	ND		ug/kg	1.61	0.414	1	A
Dieldrin	ND		ug/kg	1.00	0.502	1	A
4,4'-DDE	ND		ug/kg	1.61	0.372	1	A
4,4'-DDD	ND		ug/kg	1.61	0.574	1	A
4,4'-DDT	ND		ug/kg	3.02	1.29	1	A
Endosulfan I	ND		ug/kg	1.61	0.380	1	A
Endosulfan II	ND		ug/kg	1.61	0.537	1	A
Endosulfan sulfate	ND		ug/kg	0.670	0.319	1	A
Methoxychlor	ND		ug/kg	3.02	0.938	1	A
Toxaphene	ND		ug/kg	30.2	8.44	1	A
cis-Chlordane	ND		ug/kg	2.01	0.560	1	A
trans-Chlordane	ND		ug/kg	2.01	0.531	1	A
Chlordane	ND		ug/kg	13.4	5.33	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
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	84		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 17:36
Analyst: JAW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
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	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 17:47
Analyst: JAW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.314	1	A
Lindane	ND		ug/kg	0.669	0.299	1	A
Alpha-BHC	ND		ug/kg	0.669	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.609	1	A
Heptachlor	ND		ug/kg	0.803	0.360	1	A
Aldrin	ND		ug/kg	1.61	0.565	1	A
Heptachlor epoxide	ND		ug/kg	3.01	0.903	1	A
Endrin	ND		ug/kg	0.669	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.703	1	A
Endrin ketone	ND		ug/kg	1.61	0.414	1	A
Dieldrin	ND		ug/kg	1.00	0.502	1	A
4,4'-DDE	ND		ug/kg	1.61	0.371	1	A
4,4'-DDD	ND		ug/kg	1.61	0.573	1	A
4,4'-DDT	ND		ug/kg	3.01	1.29	1	A
Endosulfan I	ND		ug/kg	1.61	0.379	1	A
Endosulfan II	ND		ug/kg	1.61	0.537	1	A
Endosulfan sulfate	ND		ug/kg	0.669	0.318	1	A
Methoxychlor	ND		ug/kg	3.01	0.937	1	A
Toxaphene	ND		ug/kg	30.1	8.43	1	A
cis-Chlordane	ND		ug/kg	2.01	0.559	1	A
trans-Chlordane	ND		ug/kg	2.01	0.530	1	A
Chlordane	ND		ug/kg	13.4	5.32	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
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	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 17:58
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.682	0.305	1	A
Alpha-BHC	ND		ug/kg	0.682	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.621	1	A
Heptachlor	ND		ug/kg	0.819	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.576	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.921	1	A
Endrin	ND		ug/kg	0.682	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.716	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.512	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.584	1	A
4,4'-DDT	ND		ug/kg	3.07	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.547	1	A
Endosulfan sulfate	ND		ug/kg	0.682	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.955	1	A
Toxaphene	ND		ug/kg	30.7	8.60	1	A
cis-Chlordane	ND		ug/kg	2.05	0.570	1	A
trans-Chlordane	ND		ug/kg	2.05	0.540	1	A
Chlordane	ND		ug/kg	13.6	5.42	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
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	85		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 18:09
Analyst: JAW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 23:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

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	0.695	0.311	1	A
Alpha-BHC	ND		ug/kg	0.695	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.834	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.939	1	A
Endrin	ND		ug/kg	0.695	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	ND		ug/kg	3.13	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.695	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.974	1	A
Toxaphene	ND		ug/kg	31.3	8.76	1	A
cis-Chlordane	ND		ug/kg	2.09	0.581	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: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
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	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/05/21 10:21
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 10/04/21 10:55
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1554064-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.296	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.661	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.992	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	2.98	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/05/21 10:21
 Analyst: SDC

Extraction Method: EPA 3546
 Extraction Date: 10/04/21 10:55
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1554064-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	151	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1554064-2 WG1554064-3									
Delta-BHC	87		100		30-150	14		30	A
Lindane	89		101		30-150	13		30	A
Alpha-BHC	84		94		30-150	11		30	A
Beta-BHC	87		100		30-150	14		30	A
Heptachlor	94		108		30-150	14		30	A
Aldrin	93		107		30-150	14		30	A
Heptachlor epoxide	88		100		30-150	13		30	A
Endrin	97		113		30-150	15		30	A
Endrin aldehyde	84		97		30-150	14		30	A
Endrin ketone	88		100		30-150	13		30	A
Dieldrin	99		116		30-150	16		30	A
4,4'-DDE	97		106		30-150	9		30	A
4,4'-DDD	111		122		30-150	9		30	A
4,4'-DDT	104		124		30-150	18		30	A
Endosulfan I	86		100		30-150	15		30	A
Endosulfan II	95		109		30-150	14		30	A
Endosulfan sulfate	89		107		30-150	18		30	A
Methoxychlor	93		117		30-150	23		30	A
cis-Chlordane	70		82		30-150	16		30	A
trans-Chlordane	105		123		30-150	16		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1554064-2 WG1554064-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		98		30-150	A
Decachlorobiphenyl	130		150		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		86		30-150	B
Decachlorobiphenyl	105		114		30-150	B

METALS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
 Client ID: I-1
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
 Date Received: 09/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2630		mg/kg	7.96	2.15	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.98	0.302	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Arsenic, Total	1.68		mg/kg	0.796	0.165	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Barium, Total	22.3		mg/kg	0.796	0.138	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Beryllium, Total	0.127	J	mg/kg	0.398	0.026	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Cadmium, Total	0.286	J	mg/kg	0.796	0.078	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Calcium, Total	897		mg/kg	7.96	2.78	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Chromium, Total	7.67		mg/kg	0.796	0.076	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Cobalt, Total	5.13		mg/kg	1.59	0.132	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Copper, Total	9.89		mg/kg	0.796	0.205	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Iron, Total	8850		mg/kg	3.98	0.718	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Lead, Total	5.85		mg/kg	3.98	0.213	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Magnesium, Total	2180		mg/kg	7.96	1.22	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Manganese, Total	240		mg/kg	0.796	0.126	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.065	0.042	1	09/30/21 06:00	10/06/21 15:04	EPA 7471B	1,7471B	AC
Nickel, Total	30.2		mg/kg	1.99	0.192	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Potassium, Total	662		mg/kg	199	11.4	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.59	0.205	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.796	0.225	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Sodium, Total	65.1	J	mg/kg	159	2.50	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.59	0.250	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Vanadium, Total	10.8		mg/kg	0.796	0.161	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV
Zinc, Total	20.2		mg/kg	3.98	0.233	2	09/30/21 05:00	10/08/21 23:09	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
 Client ID: I-2
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
 Date Received: 09/28/21
 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	3700		mg/kg	8.54	2.30	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Antimony, Total	0.555	J	mg/kg	4.27	0.324	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Arsenic, Total	2.36		mg/kg	0.854	0.178	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Barium, Total	28.9		mg/kg	0.854	0.148	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Beryllium, Total	0.188	J	mg/kg	0.427	0.028	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Cadmium, Total	0.350	J	mg/kg	0.854	0.084	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Calcium, Total	792		mg/kg	8.54	2.99	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Chromium, Total	9.52		mg/kg	0.854	0.082	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Cobalt, Total	7.10		mg/kg	1.71	0.142	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Copper, Total	19.2		mg/kg	0.854	0.220	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Iron, Total	11300		mg/kg	4.27	0.771	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Lead, Total	5.97		mg/kg	4.27	0.229	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Magnesium, Total	2300		mg/kg	8.54	1.31	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Manganese, Total	295		mg/kg	0.854	0.136	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.069	0.045	1	09/30/21 06:00	10/06/21 15:24	EPA 7471B	1,7471B	AC
Nickel, Total	37.0		mg/kg	2.13	0.207	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Potassium, Total	616		mg/kg	213	12.3	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.71	0.220	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.854	0.242	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Sodium, Total	58.0	J	mg/kg	171	2.69	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.71	0.269	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Vanadium, Total	15.7		mg/kg	0.854	0.173	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV
Zinc, Total	27.5		mg/kg	4.27	0.250	2	09/30/21 05:00	10/08/21 23:27	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
 Client ID: I-3
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
 Date Received: 09/28/21
 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	3100		mg/kg	8.17	2.21	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.09	0.311	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Arsenic, Total	2.16		mg/kg	0.817	0.170	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Barium, Total	20.7		mg/kg	0.817	0.142	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Beryllium, Total	0.139	J	mg/kg	0.409	0.027	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Cadmium, Total	0.319	J	mg/kg	0.817	0.080	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Calcium, Total	870		mg/kg	8.17	2.86	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Chromium, Total	8.37		mg/kg	0.817	0.079	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Cobalt, Total	5.88		mg/kg	1.63	0.136	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Copper, Total	11.7		mg/kg	0.817	0.211	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Iron, Total	9600		mg/kg	4.09	0.738	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Lead, Total	4.90		mg/kg	4.09	0.219	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Magnesium, Total	2690		mg/kg	8.17	1.26	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Manganese, Total	211		mg/kg	0.817	0.130	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.066	0.043	1	09/30/21 06:00	10/06/21 15:27	EPA 7471B	1,7471B	AC
Nickel, Total	35.1		mg/kg	2.04	0.198	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Potassium, Total	522		mg/kg	204	11.8	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.63	0.211	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.817	0.231	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Sodium, Total	79.6	J	mg/kg	163	2.57	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.63	0.257	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Vanadium, Total	11.9		mg/kg	0.817	0.166	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV
Zinc, Total	26.2		mg/kg	4.09	0.240	2	09/30/21 05:00	10/08/21 23:31	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
 Client ID: H-1
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
 Date Received: 09/28/21
 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	6090		mg/kg	8.66	2.34	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.33	0.329	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Arsenic, Total	3.82		mg/kg	0.866	0.180	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Barium, Total	44.6		mg/kg	0.866	0.151	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Beryllium, Total	0.242	J	mg/kg	0.433	0.029	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Cadmium, Total	0.476	J	mg/kg	0.866	0.085	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Calcium, Total	1580		mg/kg	8.66	3.03	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Chromium, Total	16.9		mg/kg	0.866	0.083	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Cobalt, Total	10.3		mg/kg	1.73	0.144	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Copper, Total	29.9		mg/kg	0.866	0.224	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Iron, Total	14400		mg/kg	4.33	0.782	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Lead, Total	17.6		mg/kg	4.33	0.232	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Magnesium, Total	4330		mg/kg	8.66	1.33	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Manganese, Total	326		mg/kg	0.866	0.138	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.070	0.046	1	09/30/21 06:00	10/06/21 15:30	EPA 7471B	1,7471B	AC
Nickel, Total	58.3		mg/kg	2.16	0.210	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Potassium, Total	1460		mg/kg	216	12.5	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.73	0.224	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.866	0.245	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Sodium, Total	109	J	mg/kg	173	2.73	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.73	0.273	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Vanadium, Total	23.5		mg/kg	0.866	0.176	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV
Zinc, Total	45.2		mg/kg	4.33	0.254	2	09/30/21 05:00	10/08/21 23:53	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
 Client ID: H-2
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
 Date Received: 09/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3950		mg/kg	7.76	2.10	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.88	0.295	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Arsenic, Total	2.20		mg/kg	0.776	0.161	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Barium, Total	142		mg/kg	0.776	0.135	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Beryllium, Total	0.186	J	mg/kg	0.388	0.026	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Cadmium, Total	0.403	J	mg/kg	0.776	0.076	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Calcium, Total	1290		mg/kg	7.76	2.72	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Chromium, Total	35.1		mg/kg	0.776	0.075	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Cobalt, Total	8.17		mg/kg	1.55	0.129	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Copper, Total	16.6		mg/kg	0.776	0.200	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Iron, Total	12600		mg/kg	3.88	0.701	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Lead, Total	6.48		mg/kg	3.88	0.208	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Magnesium, Total	2980		mg/kg	7.76	1.19	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Manganese, Total	215		mg/kg	0.776	0.123	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.065	0.042	1	09/30/21 06:00	10/06/21 15:34	EPA 7471B	1,7471B	AC
Nickel, Total	72.0		mg/kg	1.94	0.188	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Potassium, Total	774		mg/kg	194	11.2	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.55	0.200	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.776	0.220	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Sodium, Total	112	J	mg/kg	155	2.44	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.55	0.244	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Vanadium, Total	16.7		mg/kg	0.776	0.158	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV
Zinc, Total	28.1		mg/kg	3.88	0.227	2	09/30/21 05:00	10/08/21 23:57	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
 Client ID: H-3
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
 Date Received: 09/28/21
 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	3440		mg/kg	7.94	2.14	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.97	0.302	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Arsenic, Total	3.28		mg/kg	0.794	0.165	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Barium, Total	29.1		mg/kg	0.794	0.138	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Beryllium, Total	0.191	J	mg/kg	0.397	0.026	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Cadmium, Total	0.453	J	mg/kg	0.794	0.078	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Calcium, Total	1170		mg/kg	7.94	2.78	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Chromium, Total	19.4		mg/kg	0.794	0.076	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Cobalt, Total	9.57		mg/kg	1.59	0.132	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Copper, Total	21.2		mg/kg	0.794	0.205	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Iron, Total	13300		mg/kg	3.97	0.717	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Lead, Total	9.13		mg/kg	3.97	0.213	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Magnesium, Total	3230		mg/kg	7.94	1.22	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Manganese, Total	288		mg/kg	0.794	0.126	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.066	0.043	1	09/30/21 06:00	10/06/21 15:37	EPA 7471B	1,7471B	AC
Nickel, Total	61.9		mg/kg	1.98	0.192	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Potassium, Total	827		mg/kg	198	11.4	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.59	0.205	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.794	0.225	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Sodium, Total	56.8	J	mg/kg	159	2.50	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.59	0.250	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Vanadium, Total	19.0		mg/kg	0.794	0.161	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV
Zinc, Total	38.2		mg/kg	3.97	0.233	2	09/30/21 05:00	10/09/21 00:01	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
 Client ID: G-1
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
 Date Received: 09/28/21
 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	3980		mg/kg	8.49	2.29	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.24	0.322	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Arsenic, Total	3.60		mg/kg	0.849	0.176	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Barium, Total	32.5		mg/kg	0.849	0.148	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Beryllium, Total	0.153	J	mg/kg	0.424	0.028	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Cadmium, Total	0.356	J	mg/kg	0.849	0.083	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Calcium, Total	1130		mg/kg	8.49	2.97	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Chromium, Total	15.0		mg/kg	0.849	0.082	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Cobalt, Total	9.91		mg/kg	1.70	0.141	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Copper, Total	19.1		mg/kg	0.849	0.219	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Iron, Total	10800		mg/kg	4.24	0.766	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Lead, Total	7.80		mg/kg	4.24	0.227	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Magnesium, Total	3190		mg/kg	8.49	1.31	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Manganese, Total	297		mg/kg	0.849	0.135	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.070	0.046	1	09/30/21 06:00	10/06/21 15:40	EPA 7471B	1,7471B	AC
Nickel, Total	63.7		mg/kg	2.12	0.205	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Potassium, Total	911		mg/kg	212	12.2	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.849	0.240	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Sodium, Total	64.8	J	mg/kg	170	2.67	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.70	0.267	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Vanadium, Total	15.7		mg/kg	0.849	0.172	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV
Zinc, Total	35.2		mg/kg	4.24	0.249	2	09/30/21 05:00	10/09/21 00:05	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
 Client ID: G-2
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
 Date Received: 09/28/21
 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	4660		mg/kg	7.97	2.15	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.99	0.303	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Arsenic, Total	3.10		mg/kg	0.797	0.166	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Barium, Total	34.0		mg/kg	0.797	0.139	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Beryllium, Total	0.199	J	mg/kg	0.399	0.026	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Cadmium, Total	0.375	J	mg/kg	0.797	0.078	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Calcium, Total	1170		mg/kg	7.97	2.79	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Chromium, Total	13.8		mg/kg	0.797	0.077	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Cobalt, Total	9.05		mg/kg	1.59	0.132	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Copper, Total	18.3		mg/kg	0.797	0.206	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Iron, Total	11700		mg/kg	3.99	0.720	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Lead, Total	9.08		mg/kg	3.99	0.214	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Magnesium, Total	2990		mg/kg	7.97	1.23	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Manganese, Total	272		mg/kg	0.797	0.127	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Mercury, Total	0.049	J	mg/kg	0.066	0.043	1	09/30/21 06:00	10/06/21 15:44	EPA 7471B	1,7471B	AC
Nickel, Total	53.1		mg/kg	1.99	0.193	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Potassium, Total	923		mg/kg	199	11.5	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.59	0.206	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.797	0.226	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Sodium, Total	56.2	J	mg/kg	159	2.51	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.59	0.251	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Vanadium, Total	21.9		mg/kg	0.797	0.162	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV
Zinc, Total	33.6		mg/kg	3.99	0.234	2	09/30/21 05:00	10/09/21 00:10	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
 Client ID: G-3
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
 Date Received: 09/28/21
 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	3550		mg/kg	8.01	2.16	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.00	0.304	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Arsenic, Total	2.95		mg/kg	0.801	0.166	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Barium, Total	26.7		mg/kg	0.801	0.139	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Beryllium, Total	0.120	J	mg/kg	0.400	0.026	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Cadmium, Total	0.320	J	mg/kg	0.801	0.079	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Calcium, Total	1090		mg/kg	8.01	2.80	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Chromium, Total	12.1		mg/kg	0.801	0.077	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Cobalt, Total	7.25		mg/kg	1.60	0.133	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Copper, Total	16.2		mg/kg	0.801	0.206	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Iron, Total	10100		mg/kg	4.00	0.723	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Lead, Total	6.28		mg/kg	4.00	0.214	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Magnesium, Total	3720		mg/kg	8.01	1.23	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Manganese, Total	218		mg/kg	0.801	0.127	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.067	0.044	1	09/30/21 06:00	10/06/21 15:47	EPA 7471B	1,7471B	AC
Nickel, Total	49.5		mg/kg	2.00	0.194	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Potassium, Total	907		mg/kg	200	11.5	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.60	0.206	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.801	0.227	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Sodium, Total	63.3	J	mg/kg	160	2.52	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.60	0.252	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Vanadium, Total	16.9		mg/kg	0.801	0.162	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV
Zinc, Total	28.1		mg/kg	4.00	0.235	2	09/30/21 05:00	10/09/21 00:14	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
 Client ID: DUP-1
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
 Date Received: 09/28/21
 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	4120		mg/kg	8.25	2.23	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.12	0.313	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Arsenic, Total	2.70		mg/kg	0.825	0.172	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Barium, Total	33.1		mg/kg	0.825	0.144	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Beryllium, Total	0.140	J	mg/kg	0.412	0.027	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Cadmium, Total	0.355	J	mg/kg	0.825	0.081	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Calcium, Total	1030		mg/kg	8.25	2.89	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Chromium, Total	13.5		mg/kg	0.825	0.079	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Cobalt, Total	8.35		mg/kg	1.65	0.137	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Copper, Total	16.2		mg/kg	0.825	0.213	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Iron, Total	11200		mg/kg	4.12	0.745	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Lead, Total	7.22		mg/kg	4.12	0.221	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Magnesium, Total	3010		mg/kg	8.25	1.27	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Manganese, Total	325		mg/kg	0.825	0.131	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Mercury, Total	0.074		mg/kg	0.070	0.046	1	09/30/21 06:00	10/06/21 15:57	EPA 7471B	1,7471B	AC
Nickel, Total	49.9		mg/kg	2.06	0.200	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Potassium, Total	915		mg/kg	206	11.9	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.65	0.213	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.825	0.233	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Sodium, Total	62.8	J	mg/kg	165	2.60	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.65	0.260	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Vanadium, Total	20.0		mg/kg	0.825	0.167	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV
Zinc, Total	29.5		mg/kg	4.12	0.242	2	09/30/21 05:00	10/09/21 00:18	EPA 3050B	1,6010D	BV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

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): 01-10 Batch: WG1552499-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Barium, Total	0.160	J	mg/kg	0.400	0.070	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Iron, Total	0.608	J	mg/kg	2.00	0.361	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Potassium, Total	13.6	J	mg/kg	100	5.76	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Sodium, Total	22.9	J	mg/kg	80.0	1.26	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/30/21 05:00	10/08/21 23:00	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/30/21 05:00	10/08/21 23:00	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): 01-10 Batch: WG1552501-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/30/21 06:00	10/06/21 14:57	1,7471B	AC



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1552499-2 SRM Lot Number: D109-540								
Aluminum, Total	80		-		50-150	-		
Antimony, Total	119		-		19-250	-		
Arsenic, Total	95		-		70-130	-		
Barium, Total	87		-		75-125	-		
Beryllium, Total	95		-		75-125	-		
Cadmium, Total	93		-		75-125	-		
Calcium, Total	89		-		73-128	-		
Chromium, Total	90		-		70-130	-		
Cobalt, Total	91		-		75-125	-		
Copper, Total	90		-		75-125	-		
Iron, Total	100		-		35-165	-		
Lead, Total	90		-		72-128	-		
Magnesium, Total	90		-		62-138	-		
Manganese, Total	94		-		74-126	-		
Nickel, Total	91		-		70-130	-		
Potassium, Total	88		-		59-141	-		
Selenium, Total	95		-		68-132	-		
Silver, Total	92		-		68-131	-		
Sodium, Total	72		-		35-165	-		
Thallium, Total	94		-		68-131	-		
Vanadium, Total	94		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1552499-2 SRM Lot Number: D109-540					
Zinc, Total	92	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1552501-2 SRM Lot Number: D109-540					
Mercury, Total	86	-	60-140	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

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): 01-10			QC Batch ID: WG1552499-3			QC Sample: L2152369-01			Client ID: I-1			
Aluminum, Total	2630	158	2910	177	Q	-	-		75-125	-		20
Antimony, Total	ND	39.6	31.8	80		-	-		75-125	-		20
Arsenic, Total	1.68	9.5	10.9	97		-	-		75-125	-		20
Barium, Total	22.3	158	174	96		-	-		75-125	-		20
Beryllium, Total	0.127J	3.96	3.95	100		-	-		75-125	-		20
Cadmium, Total	0.286J	4.2	4.23	101		-	-		75-125	-		20
Calcium, Total	897	792	1650	95		-	-		75-125	-		20
Chromium, Total	7.67	15.8	23.6	100		-	-		75-125	-		20
Cobalt, Total	5.13	39.6	41.5	92		-	-		75-125	-		20
Copper, Total	9.89	19.8	28.6	94		-	-		75-125	-		20
Iron, Total	8850	79.2	8650	0	Q	-	-		75-125	-		20
Lead, Total	5.85	42	43.6	90		-	-		75-125	-		20
Magnesium, Total	2180	792	3070	112		-	-		75-125	-		20
Manganese, Total	240	39.6	270	76		-	-		75-125	-		20
Nickel, Total	30.2	39.6	66.4	91		-	-		75-125	-		20
Potassium, Total	662	792	1400	93		-	-		75-125	-		20
Selenium, Total	ND	9.5	7.88	83		-	-		75-125	-		20
Silver, Total	ND	23.8	22.9	96		-	-		75-125	-		20
Sodium, Total	65.1J	792	893	113		-	-		75-125	-		20
Thallium, Total	ND	9.5	8.19	86		-	-		75-125	-		20
Vanadium, Total	10.8	39.6	49.8	98		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

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): 01-10			QC Batch ID: WG1552499-3		QC Sample: L2152369-01		Client ID: I-1		
Zinc, Total	20.2	39.6	57.5	94	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10			QC Batch ID: WG1552501-3		QC Sample: L2152369-01		Client ID: I-1		
Mercury, Total	ND	0.129	0.128	99	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1552499-4 QC Sample: L2152369-01 Client ID: I-1						
Aluminum, Total	2630	2840	mg/kg	8		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.68	1.70	mg/kg	1		20
Barium, Total	22.3	20.1	mg/kg	10		20
Beryllium, Total	0.127J	0.134J	mg/kg	NC		20
Cadmium, Total	0.286J	0.283J	mg/kg	NC		20
Calcium, Total	897	778	mg/kg	14		20
Chromium, Total	7.67	8.66	mg/kg	12		20
Cobalt, Total	5.13	5.95	mg/kg	15		20
Copper, Total	9.89	10.7	mg/kg	8		20
Iron, Total	8850	8950	mg/kg	1		20
Lead, Total	5.85	5.03	mg/kg	15		20
Magnesium, Total	2180	2570	mg/kg	16		20
Manganese, Total	240	202	mg/kg	17		20
Nickel, Total	30.2	31.6	mg/kg	5		20
Potassium, Total	662	654	mg/kg	1		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	65.1J	57.7J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1552499-4 QC Sample: L2152369-01 Client ID: I-1					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	10.8	14.4	mg/kg	29 Q	20
Zinc, Total	20.2	19.6	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1552501-4 QC Sample: L2152369-01 Client ID: I-1					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: SNL
Project Number: 10737:9

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2152369
Report Date: 10/12/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1552499-6 QC Sample: L2152369-01 Client ID: I-1						
Aluminum, Total	2630	2850	mg/kg	8		20
Barium, Total	22.3	23.9	mg/kg	7		20
Calcium, Total	897	973	mg/kg	8		20
Iron, Total	8850	9530	mg/kg	8		20
Magnesium, Total	2180	2350	mg/kg	8		20
Manganese, Total	240	261	mg/kg	9		20

INORGANICS & MISCELLANEOUS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-01
Client ID: I-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:30
Date Received: 09/28/21
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	97.9		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	10/08/21 13:30	10/11/21 19:29	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-02
Client ID: I-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:25
Date Received: 09/28/21
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	91.5		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/08/21 13:30	10/11/21 19:30	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-03
Client ID: I-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 10:20
Date Received: 09/28/21
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	95.5		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.97	0.20	1	10/08/21 13:30	10/11/21 19:33	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-04
Client ID: H-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:30
Date Received: 09/28/21
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	89.2		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/08/21 13:30	10/11/21 19:34	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-05
Client ID: H-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:25
Date Received: 09/28/21
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	96.9		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/08/21 13:30	10/11/21 19:35	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-06
Client ID: H-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 11:20
Date Received: 09/28/21
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	96.1		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	0.35	J	mg/kg	1.0	0.22	1	10/08/21 13:30	10/11/21 19:36	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-07
Client ID: G-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:00
Date Received: 09/28/21
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	90.5		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/08/21 13:30	10/11/21 19:37	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-08
Client ID: G-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:05
Date Received: 09/28/21
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	96.1		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	10/08/21 13:30	10/11/21 19:13	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-09
Client ID: G-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 12:10
Date Received: 09/28/21
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	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	10/08/21 13:30	10/11/21 19:14	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2152369-10
Client ID: DUP-1
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 09/27/21 00:00
Date Received: 09/28/21
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	91.7		%	0.100	NA	1	-	09/29/21 09:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/08/21 13:30	10/11/21 19:15	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

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): 01-07 Batch: WG1556209-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	10/08/21 13:30	10/11/21 20:05	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 08-10 Batch: WG1556298-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	10/08/21 13:30	10/11/21 19:09	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1556209-2 WG1556209-3								
Cyanide, Total	46	Q	62	Q	80-120	29		35
General Chemistry - Westborough Lab Associated sample(s): 08-10 Batch: WG1556298-2 WG1556298-3								
Cyanide, Total	40	Q	44	Q	80-120	2		35

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

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): 01-07 QC Batch ID: WG1556209-4 WG1556209-5 QC Sample: L2152369-05 Client ID: H-2												
Cyanide, Total	ND	10	9.0	90		8.9	92		75-125	1		35
General Chemistry - Westborough Lab Associated sample(s): 08-10 QC Batch ID: WG1556298-4 WG1556298-5 QC Sample: L2152369-08 Client ID: G-2												
Cyanide, Total	ND	10	9.0	90		9.3	91		75-125	3		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1552131-1 QC Sample: L2152369-01 Client ID: I-1						
Solids, Total	97.9	98.6	%	1		20

Project Name: SNL**Lab Number:** L2152369**Project Number:** 10737:9**Report Date:** 10/12/21**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(*)
L2152369-01A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-01B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-01C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-01D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180)
L2152369-01F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-01X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-01Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-01Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-02A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-02B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-02C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-02D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),SE-Ti(180),SB-Ti(180),PB-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),CA-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180)
L2152369-02F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-02X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-02Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)

Project Name: SNL
Project Number: 10737:9

Serial_No:10122117:00
Lab Number: L2152369
Report Date: 10/12/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2152369-03A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-03B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-03C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-03D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180)
L2152369-03F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-03X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-03Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-03Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-04A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-04B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-04C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-04D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2152369-04F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-04X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-04Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-04Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-05A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-05B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-05C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-05D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)

Project Name: SNL**Lab Number:** L2152369**Project Number:** 10737:9**Report Date:** 10/12/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2152369-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2152369-05F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-05X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-05Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-05Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-06A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-06B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-06C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-06D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2152369-06F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-06X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-06Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-06Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-07A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-07B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-07C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-07D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2152369-07F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

Project Name: SNL**Lab Number:** L2152369**Project Number:** 10737:9**Report Date:** 10/12/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2152369-07X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-07Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-07Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-08A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-08B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-08C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-08D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2152369-08F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-08X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-08Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-08Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-09A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-09B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-09C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-09D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	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),SB-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180)
L2152369-09F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-09X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-09Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-09Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-10A	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-10B	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)

Project Name: SNL**Lab Number:** L2152369**Project Number:** 10737:9**Report Date:** 10/12/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2152369-10C	5 gram Encore Sampler	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-10D	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L2152369-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),CA-Ti(180),NA-Ti(180),K-Ti(180),CD-Ti(180)
L2152369-10F	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2152369-10X	Vial MeOH preserved split	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2152369-10Y	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)
L2152369-10Z	Vial Water preserved split	A	NA		5.0	Y	Absent	29-SEP-21 05:21	NYTCL-8260HLW(14)

Project Name: SNL
Project Number: 10737:9

Lab Number: L2152369
Report Date: 10/12/21

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



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

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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SNL
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Lab Number: L2152369
Report Date: 10/12/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 19

Published Date: 4/2/2021 1:14:23 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 9/28/21		ALPHA Job # L2152369							
		Project Information Project Name: SNL Project Location: 1454 39th St Brooklyn, NY Project # 10737:9 (Use Project name as Project #) ☒		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☒ Other NYC/ATB		Billing Information ☐ Same as Client Info PO #									
Client Information Client: SESI Address: 12 Maple Ave Pinebrook, NJ Phone: 973-808-9060 Fax: sesi.org Email: HK@sesi.org		Project Manager: Todd Kelly ALPHAQuote #:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:									
Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below)									
Please specify Metals or TAL.		ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Sample Specific Comments			
52369-01		I-1		9/27/21		1030		S		RF					
02		I-2				1025									
03		I-3				1020									
04		H-1				1130									
05		H-2				1125									
06		H-3				1120									
07		G-1				1200									
08		G-2				1205									
09		G-3				1210									
10		DUP-1													
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 ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative		Relinquished By: Paul Mazzella Date/Time: 9/28/21 1630		Received By: Paul Mazzella Date/Time: 9/28/21 0910		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:	L2153457
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Todd Kelly
Phone:	(973) 808-9050
Project Name:	SNL
Project Number:	10737:9
Report Date:	10/18/21

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: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2153457-01	G-4	SOIL	1454 39TH ST., BROOKLYN, NY	09/30/21 10:00	10/01/21

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Case Narrative (continued)

Report Submission

October 18, 2021: This final report includes the results of all requested analyses.

October 08, 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.

Semivolatile Organics

The WG1554283-2/-3 LCS/LCSD recoveries, associated with L2153457-01, are below the acceptance criteria for benzoic acid (5%/6%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2153457-01: 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.

Cyanide, Total

The WG1558514-2 LCS recovery for cyanide, total (59%), associated with L2153457-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The WG1558514-2/-3 LCS/LCSD RPD (41%) 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: 10/18/21

ORGANICS

VOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/07/21 22:56
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	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	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	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	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	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
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	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	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	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	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: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
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	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	99		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/07/21 18:26
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1556128-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.71	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/07/21 18:26
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1556128-5					
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	2.8	J	ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/07/21 18:26
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1556128-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	10.3	J	ug/kg
Boric acid, trimethyl ester	2.42	NJ	ug/kg
Unknown	2.78	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.07	NJ	ug/kg

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/07/21 18:26
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1556128-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 Batch: WG1556128-3 WG1556128-4								
Methylene chloride	94		93		70-130	1		30
1,1-Dichloroethane	115		115		70-130	0		30
Chloroform	99		98		70-130	1		30
Carbon tetrachloride	106		108		70-130	2		30
1,2-Dichloropropane	111		110		70-130	1		30
Dibromochloromethane	104		105		70-130	1		30
1,1,2-Trichloroethane	105		105		70-130	0		30
Tetrachloroethene	98		98		70-130	0		30
Chlorobenzene	95		95		70-130	0		30
Trichlorofluoromethane	101		100		70-139	1		30
1,2-Dichloroethane	109		109		70-130	0		30
1,1,1-Trichloroethane	111		111		70-130	0		30
Bromodichloromethane	104		105		70-130	1		30
trans-1,3-Dichloropropene	124		125		70-130	1		30
cis-1,3-Dichloropropene	111		111		70-130	0		30
1,1-Dichloropropene	110		110		70-130	0		30
Bromoform	104		105		70-130	1		30
1,1,2,2-Tetrachloroethane	111		110		70-130	1		30
Benzene	102		101		70-130	1		30
Toluene	102		102		70-130	0		30
Ethylbenzene	110		110		70-130	0		30
Chloromethane	100		100		52-130	0		30
Bromomethane	96		102		57-147	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 Batch: WG1556128-3 WG1556128-4								
Vinyl chloride	107		108		67-130	1		30
Chloroethane	102		102		50-151	0		30
1,1-Dichloroethene	95		94		65-135	1		30
trans-1,2-Dichloroethene	95		94		70-130	1		30
Trichloroethene	98		98		70-130	0		30
1,2-Dichlorobenzene	95		96		70-130	1		30
1,3-Dichlorobenzene	95		95		70-130	0		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	111		109		66-130	2		30
p/m-Xylene	101		101		70-130	0		30
o-Xylene	101		101		70-130	0		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Dibromomethane	94		92		70-130	2		30
Styrene	102		102		70-130	0		30
Dichlorodifluoromethane	75		73		30-146	3		30
Acetone	135		139		54-140	3		30
Carbon disulfide	90		90		59-130	0		30
2-Butanone	120		120		70-130	0		30
Vinyl acetate	107		108		70-130	1		30
4-Methyl-2-pentanone	127		128		70-130	1		30
1,2,3-Trichloropropane	113		112		68-130	1		30
2-Hexanone	125		124		70-130	1		30
Bromochloromethane	83		82		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 Batch: WG1556128-3 WG1556128-4								
2,2-Dichloropropane	118		119		70-130	1		30
1,2-Dibromoethane	100		99		70-130	1		30
1,3-Dichloropropane	111		110		69-130	1		30
1,1,1,2-Tetrachloroethane	104		104		70-130	0		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	119		121		70-130	2		30
sec-Butylbenzene	114		114		70-130	0		30
tert-Butylbenzene	109		109		70-130	0		30
o-Chlorotoluene	112		113		70-130	1		30
p-Chlorotoluene	114		114		70-130	0		30
1,2-Dibromo-3-chloropropane	102		103		68-130	1		30
Hexachlorobutadiene	106		106		67-130	0		30
Isopropylbenzene	112		112		70-130	0		30
p-Isopropyltoluene	110		111		70-130	1		30
Naphthalene	97		96		70-130	1		30
Acrylonitrile	116		116		70-130	0		30
n-Propylbenzene	117		117		70-130	0		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
1,3,5-Trimethylbenzene	112		113		70-130	1		30
1,2,4-Trimethylbenzene	113		113		70-130	0		30
1,4-Dioxane	74		75		65-136	1		30
p-Diethylbenzene	107		108		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 Batch: WG1556128-3 WG1556128-4								
p-Ethyltoluene	110		110		70-130	0		30
1,2,4,5-Tetramethylbenzene	112		113		70-130	1		30
Ethyl ether	105		104		67-130	1		30
trans-1,4-Dichloro-2-butene	124		123		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		117		70-130
Toluene-d8	110		111		70-130
4-Bromofluorobenzene	116		116		70-130
Dibromofluoromethane	98		99		70-130

SEMIVOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/21 12:13
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 17:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
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	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	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		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	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
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	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	88		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/05/21 09:04
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/04/21 17:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1554283-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	29.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/05/21 09:04
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/04/21 17:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1554283-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	39.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/05/21 09:04
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/04/21 17:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1554283-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.7

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	88		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1554283-2 WG1554283-3								
Acenaphthene	71		86		31-137	19		50
1,2,4-Trichlorobenzene	78		82		38-107	5		50
Hexachlorobenzene	78		84		40-140	7		50
Bis(2-chloroethyl)ether	74		83		40-140	11		50
2-Chloronaphthalene	81		83		40-140	2		50
1,2-Dichlorobenzene	75		78		40-140	4		50
1,3-Dichlorobenzene	75		81		40-140	8		50
1,4-Dichlorobenzene	76		78		28-104	3		50
3,3'-Dichlorobenzidine	56		64		40-140	13		50
2,4-Dinitrotoluene	80		95		40-132	17		50
2,6-Dinitrotoluene	86		91		40-140	6		50
Fluoranthene	78		83		40-140	6		50
4-Chlorophenyl phenyl ether	75		80		40-140	6		50
4-Bromophenyl phenyl ether	70		82		40-140	16		50
Bis(2-chloroisopropyl)ether	83		86		40-140	4		50
Bis(2-chloroethoxy)methane	78		87		40-117	11		50
Hexachlorobutadiene	74		77		40-140	4		50
Hexachlorocyclopentadiene	36	Q	39	Q	40-140	8		50
Hexachloroethane	77		78		40-140	1		50
Isophorone	84		92		40-140	9		50
Naphthalene	74		77		40-140	4		50
Nitrobenzene	82		93		40-140	13		50
NDPA/DPA	74		83		36-157	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1554283-2 WG1554283-3								
n-Nitrosodi-n-propylamine	82		89		32-121	8		50
Bis(2-ethylhexyl)phthalate	89		90		40-140	1		50
Butyl benzyl phthalate	82		87		40-140	6		50
Di-n-butylphthalate	84		88		40-140	5		50
Di-n-octylphthalate	85		94		40-140	10		50
Diethyl phthalate	75		83		40-140	10		50
Dimethyl phthalate	84		92		40-140	9		50
Benzo(a)anthracene	73		80		40-140	9		50
Benzo(a)pyrene	76		83		40-140	9		50
Benzo(b)fluoranthene	83		85		40-140	2		50
Benzo(k)fluoranthene	78		83		40-140	6		50
Chrysene	74		83		40-140	11		50
Acenaphthylene	80		85		40-140	6		50
Anthracene	80		85		40-140	6		50
Benzo(ghi)perylene	84		88		40-140	5		50
Fluorene	77		81		40-140	5		50
Phenanthrene	77		84		40-140	9		50
Dibenzo(a,h)anthracene	89		93		40-140	4		50
Indeno(1,2,3-cd)pyrene	88		92		40-140	4		50
Pyrene	77		82		35-142	6		50
Biphenyl	79		81		37-127	3		50
4-Chloroaniline	79		84		40-140	6		50
2-Nitroaniline	86		87		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1554283-2 WG1554283-3								
3-Nitroaniline	67		75		26-129	11		50
4-Nitroaniline	83		88		41-125	6		50
Dibenzofuran	73		85		40-140	15		50
2-Methylnaphthalene	80		79		40-140	1		50
1,2,4,5-Tetrachlorobenzene	77		80		40-117	4		50
Acetophenone	82		90		14-144	9		50
2,4,6-Trichlorophenol	81		82		30-130	1		50
p-Chloro-m-cresol	92		92		26-103	0		50
2-Chlorophenol	79		90		25-102	13		50
2,4-Dichlorophenol	90		97		30-130	7		50
2,4-Dimethylphenol	94		101		30-130	7		50
2-Nitrophenol	86		87		30-130	1		50
4-Nitrophenol	84		99		11-114	16		50
2,4-Dinitrophenol	32		42		4-130	27		50
4,6-Dinitro-o-cresol	67		74		10-130	10		50
Pentachlorophenol	61		68		17-109	11		50
Phenol	81		93	Q	26-90	14		50
2-Methylphenol	84		88		30-130	5		50
3-Methylphenol/4-Methylphenol	90		98		30-130	9		50
2,4,5-Trichlorophenol	80		81		30-130	1		50
Benzoic Acid	5	Q	6	Q	10-110	16		50
Benzyl Alcohol	88		95		40-140	8		50
Carbazole	80		86		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1554283-2 WG1554283-3								
1,4-Dioxane	41		42		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		82		25-120
Phenol-d6	84		97		10-120
Nitrobenzene-d5	82		91		23-120
2-Fluorobiphenyl	76		77		30-120
2,4,6-Tribromophenol	73		80		10-136
4-Terphenyl-d14	77		81		18-120

PCBS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/21 00:04
Analyst: CW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 16:05
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.4	3.14	1	A
Aroclor 1221	ND		ug/kg	35.4	3.55	1	A
Aroclor 1232	ND		ug/kg	35.4	7.51	1	A
Aroclor 1242	ND		ug/kg	35.4	4.77	1	A
Aroclor 1248	ND		ug/kg	35.4	5.31	1	A
Aroclor 1254	ND		ug/kg	35.4	3.88	1	A
Aroclor 1260	ND		ug/kg	35.4	6.54	1	A
Aroclor 1262	ND		ug/kg	35.4	4.50	1	A
Aroclor 1268	ND		ug/kg	35.4	3.67	1	A
PCBs, Total	ND		ug/kg	35.4	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/05/21 01:22
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 10/04/21 16:05
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1554241-1						
Aroclor 1016	ND		ug/kg	32.2	2.86	A
Aroclor 1221	ND		ug/kg	32.2	3.23	A
Aroclor 1232	ND		ug/kg	32.2	6.84	A
Aroclor 1242	ND		ug/kg	32.2	4.35	A
Aroclor 1248	ND		ug/kg	32.2	4.84	A
Aroclor 1254	ND		ug/kg	32.2	3.53	A
Aroclor 1260	ND		ug/kg	32.2	5.96	A
Aroclor 1262	ND		ug/kg	32.2	4.10	A
Aroclor 1268	ND		ug/kg	32.2	3.34	A
PCBs, Total	ND		ug/kg	32.2	2.86	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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: WG1554241-2 WG1554241-3									
Aroclor 1016	77		90		40-140	16		50	A
Aroclor 1260	73		87		40-140	18		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		70		30-150	A
Decachlorobiphenyl	61		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		66		30-150	B
Decachlorobiphenyl	57		66		30-150	B

PESTICIDES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/21 11:21
Analyst: JAW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/04/21 16:53
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	3.93		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	28.1		ug/kg	1.78	0.412	1	B
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	24.6		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.37	1	A
cis-Chlordane	9.55	IP	ug/kg	2.23	0.621	1	B
trans-Chlordane	8.90		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
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	73		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/06/21 10:15
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 10/04/21 16:53
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1554265-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.649	0.290	A
Alpha-BHC	ND		ug/kg	0.649	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.591	A
Heptachlor	ND		ug/kg	0.779	0.349	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.877	A
Endrin	ND		ug/kg	0.649	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.682	A
Endrin ketone	ND		ug/kg	1.56	0.401	A
Dieldrin	ND		ug/kg	0.974	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.909	A
Toxaphene	ND		ug/kg	29.2	8.18	A
cis-Chlordane	ND		ug/kg	1.95	0.543	A
trans-Chlordane	ND		ug/kg	1.95	0.514	A
Chlordane	ND		ug/kg	13.0	5.16	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/06/21 10:15
 Analyst: JAW

Extraction Method: EPA 3546
 Extraction Date: 10/04/21 16:53
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1554265-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	100		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1554265-2 WG1554265-3									
Delta-BHC	86		88		30-150	2		30	A
Lindane	88		87		30-150	1		30	A
Alpha-BHC	92		88		30-150	4		30	A
Beta-BHC	78		81		30-150	4		30	A
Heptachlor	92		97		30-150	5		30	A
Aldrin	93		91		30-150	2		30	A
Heptachlor epoxide	85		86		30-150	1		30	A
Endrin	96		93		30-150	3		30	A
Endrin aldehyde	84		80		30-150	5		30	A
Endrin ketone	98		96		30-150	2		30	A
Dieldrin	100		92		30-150	8		30	A
4,4'-DDE	93		88		30-150	6		30	A
4,4'-DDD	94		91		30-150	3		30	A
4,4'-DDT	99		94		30-150	5		30	A
Endosulfan I	89		82		30-150	8		30	A
Endosulfan II	96		91		30-150	5		30	A
Endosulfan sulfate	89		87		30-150	2		30	A
Methoxychlor	92		89		30-150	3		30	A
cis-Chlordane	80		76		30-150	5		30	A
trans-Chlordane	86		87		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1554265-2 WG1554265-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		75		30-150	A
Decachlorobiphenyl	102		100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	100		101		30-150	B

METALS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
 Client ID: G-4
 Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
 Date Received: 10/01/21
 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	4510		mg/kg	8.60	2.32	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.30	0.327	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Arsenic, Total	4.94		mg/kg	0.860	0.179	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Barium, Total	32.6		mg/kg	0.860	0.150	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Beryllium, Total	0.516		mg/kg	0.430	0.028	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Cadmium, Total	0.361	J	mg/kg	0.860	0.084	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Calcium, Total	3530		mg/kg	8.60	3.01	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Chromium, Total	15.2		mg/kg	0.860	0.083	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Cobalt, Total	8.75		mg/kg	1.72	0.143	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Copper, Total	19.4		mg/kg	0.860	0.222	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Iron, Total	17000		mg/kg	4.30	0.776	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Lead, Total	38.4		mg/kg	4.30	0.230	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Magnesium, Total	3730		mg/kg	8.60	1.32	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Manganese, Total	314		mg/kg	0.860	0.137	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.072	0.047	1	10/06/21 09:50	10/06/21 13:49	EPA 7471B	1,7471B	AC
Nickel, Total	53.7		mg/kg	2.15	0.208	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Potassium, Total	1040		mg/kg	215	12.4	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.72	0.222	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.860	0.243	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Sodium, Total	118	J	mg/kg	172	2.71	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.72	0.271	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Vanadium, Total	44.4		mg/kg	0.860	0.174	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV
Zinc, Total	51.2		mg/kg	4.30	0.252	2	10/06/21 06:50	10/06/21 23:24	EPA 3050B	1,6010D	SV



Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 Batch: WG1554793-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Iron, Total	0.736	J	mg/kg	2.00	0.361	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Sodium, Total	5.36	J	mg/kg	80.0	1.26	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/06/21 06:50	10/06/21 21:30	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1554794-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/06/21 09:50	10/06/21 12:10	1,7471B	AC



Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1554793-2 SRM Lot Number: D109-540								
Aluminum, Total	68		-		50-150	-		
Antimony, Total	137		-		19-250	-		
Arsenic, Total	98		-		70-130	-		
Barium, Total	84		-		75-125	-		
Beryllium, Total	85		-		75-125	-		
Cadmium, Total	89		-		75-125	-		
Calcium, Total	84		-		73-128	-		
Chromium, Total	88		-		70-130	-		
Cobalt, Total	91		-		75-125	-		
Copper, Total	89		-		75-125	-		
Iron, Total	101		-		35-165	-		
Lead, Total	94		-		72-128	-		
Magnesium, Total	84		-		62-138	-		
Manganese, Total	88		-		74-126	-		
Nickel, Total	90		-		70-130	-		
Potassium, Total	78		-		59-141	-		
Selenium, Total	96		-		68-132	-		
Silver, Total	92		-		68-131	-		
Sodium, Total	83		-		35-165	-		
Thallium, Total	89		-		68-131	-		
Vanadium, Total	93		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1554793-2 SRM Lot Number: D109-540					
Zinc, Total	93	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1554794-2 SRM Lot Number: D109-540					
Mercury, Total	91	-	60-140	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 QC Batch ID: WG1554793-3 QC Sample: L2153649-19 Client ID: MS Sample												
Aluminum, Total	4750	166	5890	687	Q	-	-		75-125	-		20
Antimony, Total	ND	41.5	28.4	68	Q	-	-		75-125	-		20
Arsenic, Total	2.72	9.95	11.5	88		-	-		75-125	-		20
Barium, Total	37.5	166	175	83		-	-		75-125	-		20
Beryllium, Total	0.395J	4.15	3.79	91		-	-		75-125	-		20
Cadmium, Total	0.219J	4.4	3.68	84		-	-		75-125	-		20
Calcium, Total	1120	830	1830	86		-	-		75-125	-		20
Chromium, Total	13.8	16.6	28.7	90		-	-		75-125	-		20
Cobalt, Total	4.52	41.5	37.2	79		-	-		75-125	-		20
Copper, Total	13.2	20.7	32.1	91		-	-		75-125	-		20
Iron, Total	15100	83	19000	4700	Q	-	-		75-125	-		20
Lead, Total	7.05	44	40.2	75		-	-		75-125	-		20
Magnesium, Total	2140	830	3260	135	Q	-	-		75-125	-		20
Manganese, Total	90.7	41.5	243	367	Q	-	-		75-125	-		20
Nickel, Total	9.83	41.5	42.0	78		-	-		75-125	-		20
Potassium, Total	487	830	1240	91		-	-		75-125	-		20
Selenium, Total	ND	9.95	7.25	73	Q	-	-		75-125	-		20
Silver, Total	ND	24.9	20.2	81		-	-		75-125	-		20
Sodium, Total	48.4J	830	708	85		-	-		75-125	-		20
Thallium, Total	ND	9.95	7.08	71	Q	-	-		75-125	-		20
Vanadium, Total	21.4	41.5	55.3	82		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 QC Batch ID: WG1554793-3 QC Sample: L2153649-19 Client ID: MS Sample									
Zinc, Total	29.2	41.5	67.0	91	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1554794-3 QC Sample: L2153217-01 Client ID: MS Sample									
Mercury, Total	5.70	1.35	8.64	218	Q	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1554793-4 QC Sample: L2153649-19 Client ID: DUP Sample						
Aluminum, Total	4750	4670	mg/kg	2		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.72	2.47	mg/kg	10		20
Barium, Total	37.5	37.4	mg/kg	0		20
Beryllium, Total	0.395J	0.367J	mg/kg	NC		20
Cadmium, Total	0.219J	0.231J	mg/kg	NC		20
Calcium, Total	1120	1120	mg/kg	0		20
Chromium, Total	13.8	13.6	mg/kg	1		20
Cobalt, Total	4.52	5.38	mg/kg	17		20
Copper, Total	13.2	13.0	mg/kg	2		20
Iron, Total	15100	14500	mg/kg	4		20
Lead, Total	7.05	8.09	mg/kg	14		20
Magnesium, Total	2140	2300	mg/kg	7		20
Manganese, Total	90.7	101	mg/kg	11		20
Nickel, Total	9.83	10.8	mg/kg	9		20
Potassium, Total	487	532	mg/kg	9		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	48.4J	45.7J	mg/kg	NC		20

Project Name: SNL
Project Number: 10737:9

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2153457
Report Date: 10/18/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1554793-4 QC Sample: L2153649-19 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	21.4	19.7	mg/kg	8	20
Zinc, Total	29.2	31.3	mg/kg	7	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1554794-4 QC Sample: L2153217-01 Client ID: DUP Sample					
Mercury, Total	5.70	9.04	mg/kg	45	Q 20

Project Name: SNL
Project Number: 10737:9

**Lab Serial Dilution
 Analysis
 Batch Quality Control**

Lab Number: L2153457
Report Date: 10/18/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1554793-6 QC Sample: L2153649-19 Client ID: DUP Sample						
Aluminum, Total	4750	5580	mg/kg	17		20
Barium, Total	37.5	44.4	mg/kg	18		20
Calcium, Total	1120	1340	mg/kg	20		20
Iron, Total	15100	18400	mg/kg	22	Q	20
Magnesium, Total	2140	2560	mg/kg	20		20
Manganese, Total	90.7	108	mg/kg	19		20
Vanadium, Total	21.4	25.2	mg/kg	18		20

INORGANICS & MISCELLANEOUS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2153457-01
Client ID: G-4
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 09/30/21 10:00
Date Received: 10/01/21
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	88.5		%	0.100	NA	1	-	10/02/21 10:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/14/21 13:00	10/14/21 17:21	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 Batch: WG1558514-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	10/14/21 13:00	10/14/21 17:16	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1558514-2 WG1558514-3								
Cyanide, Total	59	Q	111		80-120	41	Q	35

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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 QC Batch ID: WG1558514-4 WG1558514-5 QC Sample: L2153457-01 Client ID: G-4												
Cyanide, Total	ND	10	12	120		12	110		75-125	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1553604-1 QC Sample: L2153522-02 Client ID: DUP Sample						
Solids, Total	90.7	90.7	%	0		20

Project Name: SNL**Lab Number:** L2153457**Project Number:** 10737:9**Report Date:** 10/18/21**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(*)
L2153457-01A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2153457-01B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2153457-01C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2153457-01D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2153457-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	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),PB-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2153457-01F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2153457-01X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2153457-01Y	Vial Water preserved split	A	NA		3.3	Y	Absent	02-OCT-21 05:46	NYTCL-8260HLW(14)
L2153457-01Z	Vial Water preserved split	A	NA		3.3	Y	Absent	02-OCT-21 05:46	NYTCL-8260HLW(14)

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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

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: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SNL
Project Number: 10737:9

Lab Number: L2153457
Report Date: 10/18/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 19

Published Date: 4/2/2021 1:14:23 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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

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

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

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of ()

Date Rec'd
in Lab 10/1/21

ALPHA Job #
L2153457

Client: SESI
Address: 124 Maple Ave
Pinebrook, NJ
Phone: 973-808-9150
Fax:
Email: HK@seri.org

Project Name: SN
Project Location: 1404 39th St Brooklyn
Project # 106379

☐ ASP-A ☐ ASP-B
☐ EQUIS (1 File) ☐ EQUIS (4 File)
☒ Other NYCAIB

☒ Same as Client Info

Client: SESL

(Use Project name as Project #)	☒
Project Manager:	Todd Kelly
ALPHAQuote #:	

Regulatory Requirement

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

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

ANALYSIS

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do

(Please Specify below)

Please specify Metals or TAL.

[illegible]

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

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

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

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

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:	L2155737
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Todd Kelly
Phone:	(973) 808-9050
Project Name:	SNL
Project Number:	10737:9
Report Date:	11/03/21

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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2155737-01	F-1	SOIL	1454 39TH ST., BROOKLYN, NY	10/12/21 13:10	10/13/21
L2155737-02	F-2	SOIL	1454 39TH ST., BROOKLYN, NY	10/12/21 13:05	10/13/21

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Case Narrative (continued)

Report Submission

November 03, 2021: This final report includes the results of all requested analyses.

October 20, 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.

Semivolatile Organics

The WG1559692-2/-3 LCS/LCSD recoveries, associated with L2155737-01 and -02, are below the acceptance criteria for benzoic acid (3%/5%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2155737-01 and 02: 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.

Cyanide, Total

L2155737-01 and -02: The sample was analyzed with the method required holding time exceeded, due to a laboratory oversight.

WG1564101: A Matrix Spike Duplicate was not performed due to a laboratory oversight.

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: 11/03/21

ORGANICS

VOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/19/21 12:47
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
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	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	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	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	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	3.6	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	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
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

Tentatively Identified Compounds

Total TIC Compounds	5.39	J	ug/kg	1
Unknown	5.39	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	117		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/19/21 13:07
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
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	0.96	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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
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

Tentatively Identified Compounds

Total TIC Compounds	6.59	J	ug/kg	1
Unknown	4.36	J	ug/kg	1
Unknown	2.23	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	115		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/21 06:55
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1560522-5					
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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/19/21 06:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1560522-5					
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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/21 06:55
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1560522-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/19/21 06:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1560522-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	113		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560522-3 WG1560522-4								
Methylene chloride	101		101		70-130	0		30
1,1-Dichloroethane	95		91		70-130	4		30
Chloroform	94		92		70-130	2		30
Carbon tetrachloride	92		89		70-130	3		30
1,2-Dichloropropane	92		89		70-130	3		30
Dibromochloromethane	85		89		70-130	5		30
1,1,2-Trichloroethane	86		90		70-130	5		30
Tetrachloroethene	94		91		70-130	3		30
Chlorobenzene	93		90		70-130	3		30
Trichlorofluoromethane	100		95		70-139	5		30
1,2-Dichloroethane	88		90		70-130	2		30
1,1,1-Trichloroethane	98		94		70-130	4		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	88		90		70-130	2		30
cis-1,3-Dichloropropene	89		91		70-130	2		30
1,1-Dichloropropene	98		95		70-130	3		30
Bromoform	84		86		70-130	2		30
1,1,2,2-Tetrachloroethane	102		107		70-130	5		30
Benzene	93		90		70-130	3		30
Toluene	94		90		70-130	4		30
Ethylbenzene	99		94		70-130	5		30
Chloromethane	103		96		52-130	7		30
Bromomethane	89		80		57-147	11		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560522-3 WG1560522-4								
Vinyl chloride	108		103		67-130	5		30
Chloroethane	112		108		50-151	4		30
1,1-Dichloroethene	98		94		65-135	4		30
trans-1,2-Dichloroethene	96		93		70-130	3		30
Trichloroethene	90		90		70-130	0		30
1,2-Dichlorobenzene	101		93		70-130	8		30
1,3-Dichlorobenzene	102		93		70-130	9		30
1,4-Dichlorobenzene	97		93		70-130	4		30
Methyl tert butyl ether	91		90		66-130	1		30
p/m-Xylene	97		94		70-130	3		30
o-Xylene	99		94		70-130	5		30
cis-1,2-Dichloroethene	92		90		70-130	2		30
Dibromomethane	86		88		70-130	2		30
Styrene	98		94		70-130	4		30
Dichlorodifluoromethane	138		128		30-146	8		30
Acetone	45	Q	69		54-140	42	Q	30
Carbon disulfide	95		91		59-130	4		30
2-Butanone	72		83		70-130	14		30
Vinyl acetate	81		88		70-130	8		30
4-Methyl-2-pentanone	79		95		70-130	18		30
1,2,3-Trichloropropane	93		97		68-130	4		30
2-Hexanone	82		92		70-130	11		30
Bromochloromethane	88		87		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560522-3 WG1560522-4								
2,2-Dichloropropane	90		86		70-130	5		30
1,2-Dibromoethane	92		96		70-130	4		30
1,3-Dichloropropane	91		93		69-130	2		30
1,1,1,2-Tetrachloroethane	91		93		70-130	2		30
Bromobenzene	100		94		70-130	6		30
n-Butylbenzene	111		98		70-130	12		30
sec-Butylbenzene	110		100		70-130	10		30
tert-Butylbenzene	110		100		70-130	10		30
o-Chlorotoluene	125		113		70-130	10		30
p-Chlorotoluene	107		99		70-130	8		30
1,2-Dibromo-3-chloropropane	79		88		68-130	11		30
Hexachlorobutadiene	109		96		67-130	13		30
Isopropylbenzene	110		100		70-130	10		30
p-Isopropyltoluene	109		99		70-130	10		30
Naphthalene	87		89		70-130	2		30
Acrylonitrile	74		82		70-130	10		30
n-Propylbenzene	110		100		70-130	10		30
1,2,3-Trichlorobenzene	97		92		70-130	5		30
1,2,4-Trichlorobenzene	98		92		70-130	6		30
1,3,5-Trimethylbenzene	108		99		70-130	9		30
1,2,4-Trimethylbenzene	105		96		70-130	9		30
1,4-Dioxane	99		110		65-136	11		30
p-Diethylbenzene	107		98		70-130	9		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560522-3 WG1560522-4								
p-Ethyltoluene	110		99		70-130	11		30
1,2,4,5-Tetramethylbenzene	109		100		70-130	9		30
Ethyl ether	90		90		67-130	0		30
trans-1,4-Dichloro-2-butene	86		92		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	109		105		70-130
4-Bromofluorobenzene	109		105		70-130
Dibromofluoromethane	101		102		70-130

SEMIVOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/19/21 13:59
Analyst: CMM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/18/21 04:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	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	91	J	ug/kg	100	19.	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	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
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	46	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	46	J	ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	38	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	20	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	66	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	74	J	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	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	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	26.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
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	25	7.8	1

Tentatively Identified Compounds

Total TIC Compounds	305	J	ug/kg	1
Unknown	155	J	ug/kg	1
Unknown	150	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	82		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/19/21 14:21
Analyst: CMM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/18/21 04:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	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	25	J	ug/kg	100	19.	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	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	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	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
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	35.	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	28.	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	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	25	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	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	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	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	26.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
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	25	7.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	78		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/19/21 12:54
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/17/21 13:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559692-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/19/21 12:54
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/17/21 13:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559692-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/19/21 12:54
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/17/21 13:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559692-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559692-2 WG1559692-3								
Acenaphthene	77		91		31-137	17		50
1,2,4-Trichlorobenzene	70		86		38-107	21		50
Hexachlorobenzene	83		99		40-140	18		50
Bis(2-chloroethyl)ether	64		79		40-140	21		50
2-Chloronaphthalene	75		90		40-140	18		50
1,2-Dichlorobenzene	69		82		40-140	17		50
1,3-Dichlorobenzene	66		79		40-140	18		50
1,4-Dichlorobenzene	67		80		28-104	18		50
3,3'-Dichlorobenzidine	70		89		40-140	24		50
2,4-Dinitrotoluene	80		97		40-132	19		50
2,6-Dinitrotoluene	78		95		40-140	20		50
Fluoranthene	81		98		40-140	19		50
4-Chlorophenyl phenyl ether	77		93		40-140	19		50
4-Bromophenyl phenyl ether	82		99		40-140	19		50
Bis(2-chloroisopropyl)ether	61		74		40-140	19		50
Bis(2-chloroethoxy)methane	70		86		40-117	21		50
Hexachlorobutadiene	71		87		40-140	20		50
Hexachlorocyclopentadiene	62		77		40-140	22		50
Hexachloroethane	65		80		40-140	21		50
Isophorone	72		87		40-140	19		50
Naphthalene	73		86		40-140	16		50
Nitrobenzene	70		84		40-140	18		50
NDPA/DPA	80		97		36-157	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559692-2 WG1559692-3								
n-Nitrosodi-n-propylamine	70		84		32-121	18		50
Bis(2-ethylhexyl)phthalate	83		101		40-140	20		50
Butyl benzyl phthalate	86		105		40-140	20		50
Di-n-butylphthalate	84		101		40-140	18		50
Di-n-octylphthalate	84		103		40-140	20		50
Diethyl phthalate	76		93		40-140	20		50
Dimethyl phthalate	80		95		40-140	17		50
Benzo(a)anthracene	78		93		40-140	18		50
Benzo(a)pyrene	73		91		40-140	22		50
Benzo(b)fluoranthene	79		97		40-140	20		50
Benzo(k)fluoranthene	82		104		40-140	24		50
Chrysene	74		90		40-140	20		50
Acenaphthylene	77		91		40-140	17		50
Anthracene	76		92		40-140	19		50
Benzo(ghi)perylene	76		96		40-140	23		50
Fluorene	80		97		40-140	19		50
Phenanthrene	75		90		40-140	18		50
Dibenzo(a,h)anthracene	81		101		40-140	22		50
Indeno(1,2,3-cd)pyrene	78		97		40-140	22		50
Pyrene	79		96		35-142	19		50
Biphenyl	74		88		37-127	17		50
4-Chloroaniline	57		64		40-140	12		50
2-Nitroaniline	83		100		47-134	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559692-2 WG1559692-3								
3-Nitroaniline	66		80		26-129	19		50
4-Nitroaniline	74		88		41-125	17		50
Dibenzofuran	76		93		40-140	20		50
2-Methylnaphthalene	73		87		40-140	18		50
1,2,4,5-Tetrachlorobenzene	76		93		40-117	20		50
Acetophenone	70		84		14-144	18		50
2,4,6-Trichlorophenol	82		99		30-130	19		50
p-Chloro-m-cresol	80		96		26-103	18		50
2-Chlorophenol	73		89		25-102	20		50
2,4-Dichlorophenol	81		99		30-130	20		50
2,4-Dimethylphenol	77		94		30-130	20		50
2-Nitrophenol	78		92		30-130	16		50
4-Nitrophenol	68		86		11-114	23		50
2,4-Dinitrophenol	46		64		4-130	33		50
4,6-Dinitro-o-cresol	83		103		10-130	22		50
Pentachlorophenol	79		95		17-109	18		50
Phenol	76		90		26-90	17		50
2-Methylphenol	78		93		30-130.	18		50
3-Methylphenol/4-Methylphenol	83		99		30-130	18		50
2,4,5-Trichlorophenol	85		103		30-130	19		50
Benzoic Acid	3	Q	5	Q	10-110	68	Q	50
Benzyl Alcohol	74		91		40-140	21		50
Carbazole	78		93		54-128	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559692-2 WG1559692-3								
1,4-Dioxane	46		56		40-140	20		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		87		25-120
Phenol-d6	75		91		10-120
Nitrobenzene-d5	71		85		23-120
2-Fluorobiphenyl	77		92		30-120
2,4,6-Tribromophenol	80		100		10-136
4-Terphenyl-d14	89		110		18-120

PCBS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/21 15:04
Analyst: CW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/18/21 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.9	2.92	1	A
Aroclor 1221	ND		ug/kg	32.9	3.30	1	A
Aroclor 1232	ND		ug/kg	32.9	6.98	1	A
Aroclor 1242	ND		ug/kg	32.9	4.44	1	A
Aroclor 1248	ND		ug/kg	32.9	4.94	1	A
Aroclor 1254	ND		ug/kg	32.9	3.60	1	A
Aroclor 1260	ND		ug/kg	32.9	6.08	1	A
Aroclor 1262	ND		ug/kg	32.9	4.18	1	A
Aroclor 1268	ND		ug/kg	32.9	3.41	1	A
PCBs, Total	ND		ug/kg	32.9	2.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/21 15:12
Analyst: CW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/18/21 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 10/18/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.0	2.93	1	A
Aroclor 1221	ND		ug/kg	33.0	3.31	1	A
Aroclor 1232	ND		ug/kg	33.0	7.01	1	A
Aroclor 1242	ND		ug/kg	33.0	4.46	1	A
Aroclor 1248	ND		ug/kg	33.0	4.96	1	A
Aroclor 1254	ND		ug/kg	33.0	3.62	1	A
Aroclor 1260	ND		ug/kg	33.0	6.11	1	A
Aroclor 1262	ND		ug/kg	33.0	4.20	1	A
Aroclor 1268	ND		ug/kg	33.0	3.42	1	A
PCBs, Total	ND		ug/kg	33.0	2.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/18/21 14:40
 Analyst: CW

Extraction Method: EPA 3546
 Extraction Date: 10/18/21 02:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/18/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/18/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1559763-1						
Aroclor 1016	ND		ug/kg	31.8	2.82	A
Aroclor 1221	ND		ug/kg	31.8	3.18	A
Aroclor 1232	ND		ug/kg	31.8	6.74	A
Aroclor 1242	ND		ug/kg	31.8	4.28	A
Aroclor 1248	ND		ug/kg	31.8	4.77	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.87	A
Aroclor 1262	ND		ug/kg	31.8	4.04	A
Aroclor 1268	ND		ug/kg	31.8	3.29	A
PCBs, Total	ND		ug/kg	31.8	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1559763-2 WG1559763-3									
Aroclor 1016	75		78		40-140	4		50	A
Aroclor 1260	87		91		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		70		30-150	A
Decachlorobiphenyl	93		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		72		30-150	B
Decachlorobiphenyl	84		86		30-150	B

PESTICIDES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/21 16:36
Analyst: SDC
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/18/21 05:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/21

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	0.602	1	A
Heptachlor	ND		ug/kg	0.794	0.356	1	A
Aldrin	ND		ug/kg	1.59	0.559	1	A
Heptachlor epoxide	ND		ug/kg	2.98	0.894	1	A
Endrin	ND		ug/kg	0.662	0.271	1	A
Endrin aldehyde	ND		ug/kg	1.98	0.695	1	A
Endrin ketone	ND		ug/kg	1.59	0.409	1	A
Dieldrin	ND		ug/kg	0.993	0.496	1	B
4,4'-DDE	ND		ug/kg	1.59	0.367	1	B
4,4'-DDD	ND		ug/kg	1.59	0.566	1	A
4,4'-DDT	ND		ug/kg	2.98	1.28	1	A
Endosulfan I	ND		ug/kg	1.59	0.375	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	0.927	1	A
Toxaphene	ND		ug/kg	29.8	8.34	1	A
cis-Chlordane	ND		ug/kg	1.98	0.553	1	B
trans-Chlordane	ND		ug/kg	1.98	0.524	1	A
Chlordane	ND		ug/kg	13.2	5.26	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
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	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/21 16:48
Analyst: SDC
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/18/21 05:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.666	0.298	1	A
Alpha-BHC	ND		ug/kg	0.666	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.606	1	A
Heptachlor	ND		ug/kg	0.799	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.562	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.899	1	A
Endrin	ND		ug/kg	0.666	0.273	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.699	1	A
Endrin ketone	ND		ug/kg	1.60	0.411	1	A
Dieldrin	ND		ug/kg	0.998	0.499	1	A
4,4'-DDE	ND		ug/kg	1.60	0.369	1	A
4,4'-DDD	ND		ug/kg	1.60	0.570	1	A
4,4'-DDT	ND		ug/kg	3.00	1.28	1	A
Endosulfan I	ND		ug/kg	1.60	0.377	1	A
Endosulfan II	ND		ug/kg	1.60	0.534	1	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	1	A
Methoxychlor	ND		ug/kg	3.00	0.932	1	A
Toxaphene	ND		ug/kg	30.0	8.39	1	A
cis-Chlordane	ND		ug/kg	2.00	0.556	1	A
trans-Chlordane	ND		ug/kg	2.00	0.527	1	A
Chlordane	ND		ug/kg	13.3	5.29	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
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	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/18/21 19:30
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 10/18/21 05:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1559773-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.640	0.286	A
Alpha-BHC	ND		ug/kg	0.640	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.582	A
Heptachlor	ND		ug/kg	0.768	0.344	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.864	A
Endrin	ND		ug/kg	0.640	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.672	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.960	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.355	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	2.88	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.513	A
Endosulfan sulfate	ND		ug/kg	0.640	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.896	A
Toxaphene	ND		ug/kg	28.8	8.07	A
cis-Chlordane	ND		ug/kg	1.92	0.535	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A
Chlordane	ND		ug/kg	12.8	5.09	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/18/21 19:30
 Analyst: SDC

Extraction Method: EPA 3546
 Extraction Date: 10/18/21 05:26
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/18/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1559773-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1559773-2 WG1559773-3									
Delta-BHC	72		70		30-150	3		30	A
Lindane	79		78		30-150	1		30	A
Alpha-BHC	80		78		30-150	3		30	A
Beta-BHC	82		85		30-150	4		30	A
Heptachlor	85		84		30-150	1		30	A
Aldrin	75		74		30-150	1		30	A
Heptachlor epoxide	75		74		30-150	1		30	A
Endrin	82		82		30-150	0		30	A
Endrin aldehyde	60		57		30-150	5		30	A
Endrin ketone	86		82		30-150	5		30	A
Dieldrin	82		82		30-150	0		30	A
4,4'-DDE	74		73		30-150	1		30	A
4,4'-DDD	82		83		30-150	1		30	A
4,4'-DDT	86		89		30-150	3		30	A
Endosulfan I	74		74		30-150	0		30	A
Endosulfan II	81		83		30-150	2		30	A
Endosulfan sulfate	68		71		30-150	4		30	A
Methoxychlor	83		81		30-150	2		30	A
cis-Chlordane	64		63		30-150	2		30	A
trans-Chlordane	77		76		30-150	1		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1559773-2 WG1559773-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		70		30-150	A
Decachlorobiphenyl	100		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		68		30-150	B
Decachlorobiphenyl	89		86		30-150	B

METALS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
 Client ID: F-1
 Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
 Date Received: 10/13/21
 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	3580		mg/kg	8.19	2.21	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.09	0.311	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Arsenic, Total	3.19		mg/kg	0.819	0.170	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Barium, Total	27.6		mg/kg	0.819	0.142	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Beryllium, Total	0.319	J	mg/kg	0.409	0.027	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Cadmium, Total	0.229	J	mg/kg	0.819	0.080	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Calcium, Total	986		mg/kg	8.19	2.86	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Chromium, Total	14.6		mg/kg	0.819	0.079	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Cobalt, Total	12.0		mg/kg	1.64	0.136	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Copper, Total	15.1		mg/kg	0.819	0.211	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Iron, Total	13200		mg/kg	4.09	0.739	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Lead, Total	7.01		mg/kg	4.09	0.219	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Magnesium, Total	3760		mg/kg	8.19	1.26	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Manganese, Total	309		mg/kg	0.819	0.130	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.065	0.043	1	10/20/21 09:25	10/20/21 12:29	EPA 7471B	1,7471B	AC
Nickel, Total	71.2		mg/kg	2.05	0.198	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Potassium, Total	812		mg/kg	205	11.8	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.64	0.211	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.819	0.232	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Sodium, Total	153	J	mg/kg	164	2.58	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.64	0.258	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Vanadium, Total	19.4		mg/kg	0.819	0.166	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD
Zinc, Total	37.4		mg/kg	4.09	0.240	2	10/20/21 08:35	10/20/21 21:06	EPA 3050B	1,6010D	GD



Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
 Client ID: F-2
 Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
 Date Received: 10/13/21
 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	3190		mg/kg	8.14	2.20	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.07	0.309	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Arsenic, Total	2.41		mg/kg	0.814	0.169	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Barium, Total	25.5		mg/kg	0.814	0.142	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Beryllium, Total	0.236	J	mg/kg	0.407	0.027	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Cadmium, Total	0.163	J	mg/kg	0.814	0.080	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Calcium, Total	993		mg/kg	8.14	2.85	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Chromium, Total	11.6		mg/kg	0.814	0.078	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Cobalt, Total	7.12		mg/kg	1.63	0.135	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Copper, Total	15.0		mg/kg	0.814	0.210	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Iron, Total	9500		mg/kg	4.07	0.735	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Lead, Total	6.51		mg/kg	4.07	0.218	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Magnesium, Total	3120		mg/kg	8.14	1.25	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Manganese, Total	243		mg/kg	0.814	0.129	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.066	0.043	1	10/20/21 09:25	10/20/21 12:33	EPA 7471B	1,7471B	AC
Nickel, Total	45.1		mg/kg	2.03	0.197	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Potassium, Total	902		mg/kg	203	11.7	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.63	0.210	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.814	0.230	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Sodium, Total	91.6	J	mg/kg	163	2.56	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.63	0.256	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Vanadium, Total	15.8		mg/kg	0.814	0.165	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD
Zinc, Total	25.5		mg/kg	4.07	0.238	2	10/20/21 08:35	10/20/21 21:11	EPA 3050B	1,6010D	GD



Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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): 01-02 Batch: WG1560480-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Chromium, Total	0.052	J	mg/kg	0.400	0.038	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Iron, Total	0.752	J	mg/kg	2.00	0.361	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Sodium, Total	14.7	J	mg/kg	80.0	1.26	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/20/21 08:35	10/20/21 20:30	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/20/21 08:35	10/20/21 20:30	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): 01-02 Batch: WG1560482-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/20/21 09:25	10/20/21 12:10	1,7471B	AC



Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1560480-2 SRM Lot Number: D109-540								
Aluminum, Total	66		-		50-150	-		
Antimony, Total	141		-		19-250	-		
Arsenic, Total	90		-		70-130	-		
Barium, Total	84		-		75-125	-		
Beryllium, Total	90		-		75-125	-		
Cadmium, Total	89		-		75-125	-		
Calcium, Total	83		-		73-128	-		
Chromium, Total	86		-		70-130	-		
Cobalt, Total	88		-		75-125	-		
Copper, Total	85		-		75-125	-		
Iron, Total	80		-		35-165	-		
Lead, Total	86		-		72-128	-		
Magnesium, Total	79		-		62-138	-		
Manganese, Total	87		-		74-126	-		
Nickel, Total	88		-		70-130	-		
Potassium, Total	80		-		59-141	-		
Selenium, Total	91		-		68-132	-		
Silver, Total	86		-		68-131	-		
Sodium, Total	98		-		35-165	-		
Thallium, Total	88		-		68-131	-		
Vanadium, Total	85		-		59-141	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1560480-2 SRM Lot Number: D109-540					
Zinc, Total	87	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1560482-2 SRM Lot Number: D109-540					
Mercury, Total	101	-	60-140	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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): 01-02			QC Batch ID: WG1560480-3			QC Sample: L2156102-01			Client ID: MS Sample			
Aluminum, Total	3900	166	4530	379	Q	-	-		75-125	-		20
Antimony, Total	0.225J	41.6	34.8	84		-	-		75-125	-		20
Arsenic, Total	2.02	9.97	10.9	89		-	-		75-125	-		20
Barium, Total	24.9	166	161	82		-	-		75-125	-		20
Beryllium, Total	0.187J	4.16	3.65	88		-	-		75-125	-		20
Cadmium, Total	0.183J	4.4	3.73	85		-	-		75-125	-		20
Calcium, Total	3270	831	3330	7	Q	-	-		75-125	-		20
Chromium, Total	8.42	16.6	22.2	83		-	-		75-125	-		20
Cobalt, Total	3.42	41.6	34.8	76		-	-		75-125	-		20
Copper, Total	8.13	20.8	25.5	84		-	-		75-125	-		20
Iron, Total	8840	83.1	11800	3560	Q	-	-		75-125	-		20
Lead, Total	19.1	44	58.1	88		-	-		75-125	-		20
Magnesium, Total	964	831	1640	81		-	-		75-125	-		20
Manganese, Total	160	41.6	182	53	Q	-	-		75-125	-		20
Nickel, Total	7.89	41.6	40.0	77		-	-		75-125	-		20
Potassium, Total	305	831	1020	86		-	-		75-125	-		20
Selenium, Total	0.191J	9.97	8.44	85		-	-		75-125	-		20
Silver, Total	ND	24.9	22.5	90		-	-		75-125	-		20
Sodium, Total	122	831	830	85		-	-		75-125	-		20
Thallium, Total	ND	9.97	7.73	77		-	-		75-125	-		20
Vanadium, Total	9.90	41.6	45.4	85		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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): 01-02			QC Batch ID: WG1560480-3		QC Sample: L2156102-01		Client ID: MS Sample		
Zinc, Total	33.3	41.6	61.6	68	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02			QC Batch ID: WG1560482-3		QC Sample: L2157280-01		Client ID: MS Sample		
Mercury, Total	1.80	0.205	2.21	200	Q	-	80-120	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560480-4 QC Sample: L2156102-01 Client ID: DUP Sample						
Arsenic, Total	2.02	1.70	mg/kg	17		20
Barium, Total	24.9	19.7	mg/kg	23	Q	20
Cadmium, Total	0.183J	0.165J	mg/kg	NC		20
Chromium, Total	8.42	8.08	mg/kg	4		20
Lead, Total	19.1	17.5	mg/kg	9		20
Selenium, Total	0.191J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560482-4 QC Sample: L2157280-01 Client ID: DUP Sample						
Mercury, Total	1.80	1.64	mg/kg	9		20

Project Name: SNL
Project Number: 10737:9

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2155737
Report Date: 11/03/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560480-6 QC Sample: L2156102-01 Client ID: DUP Sample						
Barium, Total	24.9	29.3	mg/kg	18		20

INORGANICS & MISCELLANEOUS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-01
Client ID: F-1
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:10
Date Received: 10/13/21
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	95.8		%	0.100	NA	1	-	10/14/21 01:56	121,2540G	MA
Cyanide, Total	ND		mg/kg	1.0	0.21	1	10/28/21 12:55	10/28/21 14:25	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

SAMPLE RESULTS

Lab ID: L2155737-02
Client ID: F-2
Sample Location: 1454 39TH ST., BROOKLYN, NY

Date Collected: 10/12/21 13:05
Date Received: 10/13/21
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	96.3		%	0.100	NA	1	-	10/14/21 01:56	121,2540G	MA
Cyanide, Total	ND		mg/kg	0.97	0.21	1	10/28/21 12:55	10/28/21 14:26	1,9010C/9012B	JO



Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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): 01-02 Batch: WG1564101-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	10/28/21 12:55	10/28/21 13:30	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1564101-2 WG1564101-3								
Cyanide, Total	103		87		80-120	22		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1558363-1 QC Sample: L2155737-01 Client ID: F-1						
Solids, Total	95.8	94.1	%	2		20

Project Name: SNL
Project Number: 10737:9

Serial_No:11032114:13
Lab Number: L2155737
Report Date: 11/03/21

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(*)
L2155737-01A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-01B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-01C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-01D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2155737-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),CU-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2155737-01F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2155737-01X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-01Y	Vial Water preserved split	A	NA		2.7	Y	Absent	14-OCT-21 04:58	NYTCL-8260HLW(14)
L2155737-01Z	Vial Water preserved split	A	NA		2.7	Y	Absent	14-OCT-21 04:58	NYTCL-8260HLW(14)
L2155737-02A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-02B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-02C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-02D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2155737-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),K-Ti(180),CD-Ti(180),CA-Ti(180),NA-Ti(180)
L2155737-02F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2155737-02X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2155737-02Y	Vial Water preserved split	A	NA		2.7	Y	Absent	14-OCT-21 04:58	NYTCL-8260HLW(14)

Project Name: SNL
Project Number: 10737:9

Serial_No:11032114:13
Lab Number: L2155737
Report Date: 11/03/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155737-02Z	Vial Water preserved split	A	NA		2.7	Y	Absent	14-OCT-21 04:58	NYTCL-8260HLW(14)

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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

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: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SNL
Project Number: 10737:9

Lab Number: L2155737
Report Date: 11/03/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 19

Published Date: 4/2/2021 1:14:23 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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of 1

ALPHA Job #
L2155737

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:	L2160940
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Todd Kelly
Phone:	(973) 808-9050
Project Name:	SNL
Project Number:	10737:9
Report Date:	11/19/21

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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2160940-01	F-3	SOIL	1454 39TH ST, BROOKLYN, NY	11/04/21 10:05	11/05/21
L2160940-02	E-2	SOIL	1454 39TH ST, BROOKLYN, NY	11/04/21 10:00	11/05/21
L2160940-03	E-3	SOIL	1454 39TH ST, BROOKLYN, NY	11/04/21 10:15	11/05/21

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Case Narrative (continued)

Report Submission

November 19, 2021: This final report includes the results of all requested analyses.

November 12, 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.

Semivolatile Organics

The WG1570096-2/-3 LCS/LCSD recoveries, associated with L2160940-01 through -03, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2160940-01, -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.

Cyanide, Total

The WG1571787-2 LCS recovery for cyanide, total (46%) , associated with L2160940-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1571787-2/-3 LCS/LCSD RPD is above the acceptance criteria for cyanide, total (61%).

The WG1571817-2/-3 LCS/LCSD recoveries for cyanide, total (68%/71%), associated with L2160940-02 and -03, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 11/19/21

ORGANICS

VOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/11/21 21:28
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.78	0.31	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.78	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.3	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.4	1
Bromomethane	ND		ug/kg	3.1	0.91	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
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	0.78	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	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	ND		ug/kg	16	7.5	1
Carbon disulfide	ND		ug/kg	16	7.1	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	0.21	1
Bromobenzene	ND		ug/kg	3.1	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.26	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
Acrylonitrile	ND		ug/kg	6.3	1.8	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
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	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	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	55.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.28	1
p-Ethyltoluene	ND		ug/kg	3.1	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.53	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	2.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/11/21 21:54
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
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	0.60	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	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
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

Tentatively Identified Compounds

Total TIC Compounds	5.16	J	ug/kg	1
Unknown Alkane	2.70	J	ug/kg	1
Unknown Alkane	2.46	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	108		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/11/21 22:20
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.8	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.8	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.47	1
Tetrachloroethene	ND		ug/kg	0.88	0.34	1
Chlorobenzene	ND		ug/kg	0.88	0.22	1
Trichlorofluoromethane	ND		ug/kg	7.0	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.45	1
1,1,1-Trichloroethane	ND		ug/kg	0.88	0.29	1
Bromodichloromethane	ND		ug/kg	0.88	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.48	1
cis-1,3-Dichloropropene	ND		ug/kg	0.88	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	0.88	0.28	1
1,1-Dichloropropene	ND		ug/kg	0.88	0.28	1
Bromoform	ND		ug/kg	7.0	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.88	0.29	1
Benzene	ND		ug/kg	0.88	0.29	1
Toluene	ND		ug/kg	1.8	0.95	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.0	1.6	1
Bromomethane	ND		ug/kg	3.5	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.59	1
Chloroethane	ND		ug/kg	3.5	0.79	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
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	0.88	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.5	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.5	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.5	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.5	0.35	1
p/m-Xylene	ND		ug/kg	3.5	0.98	1
o-Xylene	ND		ug/kg	1.8	0.51	1
Xylenes, Total	ND		ug/kg	1.8	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.24	1
Dibromomethane	ND		ug/kg	3.5	0.42	1
Styrene	ND		ug/kg	1.8	0.34	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	ND		ug/kg	18	8.4	1
Carbon disulfide	ND		ug/kg	18	8.0	1
2-Butanone	ND		ug/kg	18	3.9	1
Vinyl acetate	ND		ug/kg	18	3.8	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.5	0.22	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	3.5	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.49	1
1,3-Dichloropropane	ND		ug/kg	3.5	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.88	0.23	1
Bromobenzene	ND		ug/kg	3.5	0.25	1
n-Butylbenzene	ND		ug/kg	1.8	0.29	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.5	0.21	1
o-Chlorotoluene	ND		ug/kg	3.5	0.34	1
p-Chlorotoluene	ND		ug/kg	3.5	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.30	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.19	1
Naphthalene	ND		ug/kg	7.0	1.1	1
Acrylonitrile	ND		ug/kg	7.0	2.0	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
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	1.8	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.5	0.56	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.5	0.48	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.5	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.5	0.59	1
1,4-Dioxane	ND		ug/kg	140	62.	1
p-Diethylbenzene	ND		ug/kg	3.5	0.31	1
p-Ethyltoluene	ND		ug/kg	3.5	0.67	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.5	0.34	1
Ethyl ether	ND		ug/kg	3.5	0.60	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.8	2.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/11/21 21:02
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1570602-5					
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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/11/21 21:02
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1570602-5					
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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/11/21 21:02
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1570602-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/11/21 21:02
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1570602-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570602-3 WG1570602-4								
Methylene chloride	80		84		70-130	5		30
1,1-Dichloroethane	86		92		70-130	7		30
Chloroform	89		91		70-130	2		30
Carbon tetrachloride	90		99		70-130	10		30
1,2-Dichloropropane	87		90		70-130	3		30
Dibromochloromethane	86		88		70-130	2		30
1,1,2-Trichloroethane	90		93		70-130	3		30
Tetrachloroethene	88		95		70-130	8		30
Chlorobenzene	87		92		70-130	6		30
Trichlorofluoromethane	86		97		70-139	12		30
1,2-Dichloroethane	90		93		70-130	3		30
1,1,1-Trichloroethane	91		99		70-130	8		30
Bromodichloromethane	92		95		70-130	3		30
trans-1,3-Dichloropropene	87		89		70-130	2		30
cis-1,3-Dichloropropene	85		88		70-130	3		30
1,1-Dichloropropene	88		96		70-130	9		30
Bromoform	86		86		70-130	0		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	85		90		70-130	6		30
Toluene	86		92		70-130	7		30
Ethylbenzene	89		95		70-130	7		30
Chloromethane	80		87		52-130	8		30
Bromomethane	69		74		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570602-3 WG1570602-4								
Vinyl chloride	76		83		67-130	9		30
Chloroethane	75		82		50-151	9		30
1,1-Dichloroethene	84		92		65-135	9		30
trans-1,2-Dichloroethene	84		89		70-130	6		30
Trichloroethene	86		93		70-130	8		30
1,2-Dichlorobenzene	89		91		70-130	2		30
1,3-Dichlorobenzene	88		91		70-130	3		30
1,4-Dichlorobenzene	86		89		70-130	3		30
Methyl tert butyl ether	90		90		66-130	0		30
p/m-Xylene	92		97		70-130	5		30
o-Xylene	93		99		70-130	6		30
cis-1,2-Dichloroethene	84		89		70-130	6		30
Dibromomethane	87		88		70-130	1		30
Styrene	96		101		70-130	5		30
Dichlorodifluoromethane	76		85		30-146	11		30
Acetone	88		80		54-140	10		30
Carbon disulfide	80		87		59-130	8		30
2-Butanone	79		73		70-130	8		30
Vinyl acetate	94		94		70-130	0		30
4-Methyl-2-pentanone	77		78		70-130	1		30
1,2,3-Trichloropropane	89		90		68-130	1		30
2-Hexanone	73		73		70-130	0		30
Bromochloromethane	86		89		70-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570602-3 WG1570602-4								
2,2-Dichloropropane	91		99		70-130	8		30
1,2-Dibromoethane	84		87		70-130	4		30
1,3-Dichloropropane	90		92		69-130	2		30
1,1,1,2-Tetrachloroethane	95		100		70-130	5		30
Bromobenzene	88		92		70-130	4		30
n-Butylbenzene	90		94		70-130	4		30
sec-Butylbenzene	90		97		70-130	7		30
tert-Butylbenzene	92		98		70-130	6		30
o-Chlorotoluene	89		94		70-130	5		30
p-Chlorotoluene	90		93		70-130	3		30
1,2-Dibromo-3-chloropropane	75		78		68-130	4		30
Hexachlorobutadiene	90		96		67-130	6		30
Isopropylbenzene	91		98		70-130	7		30
p-Isopropyltoluene	93		98		70-130	5		30
Naphthalene	92		90		70-130	2		30
Acrylonitrile	88		86		70-130	2		30
n-Propylbenzene	91		96		70-130	5		30
1,2,3-Trichlorobenzene	91		91		70-130	0		30
1,2,4-Trichlorobenzene	91		90		70-130	1		30
1,3,5-Trimethylbenzene	93		98		70-130	5		30
1,2,4-Trimethylbenzene	94		99		70-130	5		30
1,4-Dioxane	78		78		65-136	0		30
p-Diethylbenzene	94		98		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570602-3 WG1570602-4								
p-Ethyltoluene	94		99		70-130	5		30
1,2,4,5-Tetramethylbenzene	96		98		70-130	2		30
Ethyl ether	68		69		67-130	1		30
trans-1,4-Dichloro-2-butene	101		101		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/12/21 02:06
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 10:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	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	64.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
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	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
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	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	74		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/12/21 02:52
Analyst: WR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 10:56

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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
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	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	75		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/12/21 06:17
Analyst: WR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 10:56

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

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
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	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	29	J	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	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
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	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	79		18-120

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/12/21 00:36
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/11/21 10:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1570096-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	29.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/12/21 00:36
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/11/21 10:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1570096-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	39.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/12/21 00:36
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/11/21 10:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1570096-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570096-2 WG1570096-3								
Acenaphthene	72		80		31-137	11		50
1,2,4-Trichlorobenzene	68		72		38-107	6		50
Hexachlorobenzene	67		75		40-140	11		50
Bis(2-chloroethyl)ether	67		71		40-140	6		50
2-Chloronaphthalene	70		78		40-140	11		50
1,2-Dichlorobenzene	67		72		40-140	7		50
1,3-Dichlorobenzene	65		70		40-140	7		50
1,4-Dichlorobenzene	65		70		28-104	7		50
3,3'-Dichlorobenzidine	52		58		40-140	11		50
2,4-Dinitrotoluene	81		89		40-132	9		50
2,6-Dinitrotoluene	73		83		40-140	13		50
Fluoranthene	76		85		40-140	11		50
4-Chlorophenyl phenyl ether	70		78		40-140	11		50
4-Bromophenyl phenyl ether	71		79		40-140	11		50
Bis(2-chloroisopropyl)ether	76		81		40-140	6		50
Bis(2-chloroethoxy)methane	70		76		40-117	8		50
Hexachlorobutadiene	64		71		40-140	10		50
Hexachlorocyclopentadiene	68		74		40-140	8		50
Hexachloroethane	64		69		40-140	8		50
Isophorone	72		79		40-140	9		50
Naphthalene	69		75		40-140	8		50
Nitrobenzene	73		79		40-140	8		50
NDPA/DPA	75		83		36-157	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570096-2 WG1570096-3								
n-Nitrosodi-n-propylamine	73		79		32-121	8		50
Bis(2-ethylhexyl)phthalate	80		90		40-140	12		50
Butyl benzyl phthalate	79		88		40-140	11		50
Di-n-butylphthalate	76		85		40-140	11		50
Di-n-octylphthalate	80		89		40-140	11		50
Diethyl phthalate	74		81		40-140	9		50
Dimethyl phthalate	71		80		40-140	12		50
Benzo(a)anthracene	74		83		40-140	11		50
Benzo(a)pyrene	82		91		40-140	10		50
Benzo(b)fluoranthene	79		87		40-140	10		50
Benzo(k)fluoranthene	78		89		40-140	13		50
Chrysene	73		82		40-140	12		50
Acenaphthylene	72		80		40-140	11		50
Anthracene	75		83		40-140	10		50
Benzo(ghi)perylene	82		91		40-140	10		50
Fluorene	74		82		40-140	10		50
Phenanthrene	72		80		40-140	11		50
Dibenzo(a,h)anthracene	83		91		40-140	9		50
Indeno(1,2,3-cd)pyrene	76		83		40-140	9		50
Pyrene	75		84		35-142	11		50
Biphenyl	73		80		37-127	9		50
4-Chloroaniline	66		71		40-140	7		50
2-Nitroaniline	78		86		47-134	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570096-2 WG1570096-3								
3-Nitroaniline	65		71		26-129	9		50
4-Nitroaniline	76		84		41-125	10		50
Dibenzofuran	72		79		40-140	9		50
2-Methylnaphthalene	71		79		40-140	11		50
1,2,4,5-Tetrachlorobenzene	70		77		40-117	10		50
Acetophenone	75		80		14-144	6		50
2,4,6-Trichlorophenol	76		84		30-130	10		50
p-Chloro-m-cresol	78		88		26-103	12		50
2-Chlorophenol	74		79		25-102	7		50
2,4-Dichlorophenol	75		81		30-130	8		50
2,4-Dimethylphenol	75		80		30-130	6		50
2-Nitrophenol	75		80		30-130	6		50
4-Nitrophenol	84		93		11-114	10		50
2,4-Dinitrophenol	56		63		4-130	12		50
4,6-Dinitro-o-cresol	82		91		10-130	10		50
Pentachlorophenol	65		71		17-109	9		50
Phenol	79		85		26-90	7		50
2-Methylphenol	76		81		30-130.	6		50
3-Methylphenol/4-Methylphenol	78		83		30-130	6		50
2,4,5-Trichlorophenol	74		82		30-130	10		50
Benzoic Acid	0	Q	0	Q	10-110	NC		50
Benzyl Alcohol	78		83		40-140	6		50
Carbazole	77		84		54-128	9		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570096-2 WG1570096-3								
1,4-Dioxane	50		53		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		81		25-120
Phenol-d6	80		88		10-120
Nitrobenzene-d5	73		78		23-120
2-Fluorobiphenyl	66		75		30-120
2,4,6-Tribromophenol	66		73		10-136
4-Terphenyl-d14	73		83		18-120

PCBS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/12/21 08:57
Analyst: JM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 17:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/12/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	3.32	1	A
Aroclor 1221	ND		ug/kg	37.4	3.74	1	A
Aroclor 1232	ND		ug/kg	37.4	7.92	1	A
Aroclor 1242	ND		ug/kg	37.4	5.04	1	A
Aroclor 1248	ND		ug/kg	37.4	5.61	1	A
Aroclor 1254	ND		ug/kg	37.4	4.09	1	A
Aroclor 1260	ND		ug/kg	37.4	6.91	1	A
Aroclor 1262	ND		ug/kg	37.4	4.75	1	A
Aroclor 1268	ND		ug/kg	37.4	3.87	1	A
PCBs, Total	ND		ug/kg	37.4	3.32	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	56		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/12/21 09:04
Analyst: JM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 17:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/12/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.0	2.93	1	A
Aroclor 1221	ND		ug/kg	33.0	3.30	1	A
Aroclor 1232	ND		ug/kg	33.0	6.99	1	A
Aroclor 1242	ND		ug/kg	33.0	4.44	1	A
Aroclor 1248	ND		ug/kg	33.0	4.94	1	A
Aroclor 1254	ND		ug/kg	33.0	3.61	1	A
Aroclor 1260	ND		ug/kg	33.0	6.09	1	A
Aroclor 1262	ND		ug/kg	33.0	4.19	1	A
Aroclor 1268	ND		ug/kg	33.0	3.42	1	A
PCBs, Total	ND		ug/kg	33.0	2.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/12/21 09:11
Analyst: JM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 17:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/12/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	3.52	1	A
Aroclor 1221	ND		ug/kg	39.7	3.98	1	A
Aroclor 1232	ND		ug/kg	39.7	8.41	1	A
Aroclor 1242	ND		ug/kg	39.7	5.35	1	A
Aroclor 1248	ND		ug/kg	39.7	5.95	1	A
Aroclor 1254	ND		ug/kg	39.7	4.34	1	A
Aroclor 1260	ND		ug/kg	39.7	7.33	1	A
Aroclor 1262	ND		ug/kg	39.7	5.04	1	A
Aroclor 1268	ND		ug/kg	39.7	4.11	1	A
PCBs, Total	ND		ug/kg	39.7	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/12/21 08:36
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 11/11/21 17:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/12/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1570328-1						
Aroclor 1016	ND		ug/kg	32.4	2.87	A
Aroclor 1221	ND		ug/kg	32.4	3.24	A
Aroclor 1232	ND		ug/kg	32.4	6.86	A
Aroclor 1242	ND		ug/kg	32.4	4.36	A
Aroclor 1248	ND		ug/kg	32.4	4.85	A
Aroclor 1254	ND		ug/kg	32.4	3.54	A
Aroclor 1260	ND		ug/kg	32.4	5.98	A
Aroclor 1262	ND		ug/kg	32.4	4.11	A
Aroclor 1268	ND		ug/kg	32.4	3.35	A
PCBs, Total	ND		ug/kg	32.4	2.87	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570328-2 WG1570328-3									
Aroclor 1016	82		87		40-140	6		50	A
Aroclor 1260	81		85		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		71		30-150	A
Decachlorobiphenyl	67		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		66		30-150	B
Decachlorobiphenyl	63		62		30-150	B

PESTICIDES

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/12/21 10:21
Analyst: AR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 18:33
Cleanup Method: EPA 3620B
Cleanup Date: 11/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.94	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
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	126		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/12/21 10:32
Analyst: AR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 18:33
Cleanup Method: EPA 3620B
Cleanup Date: 11/12/21

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	0.688	0.307	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.825	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.928	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.722	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	3.09	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.963	1	A
Toxaphene	ND		ug/kg	30.9	8.66	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.8	5.47	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
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	90		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/12/21 10:43
Analyst: AR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 11/11/21 18:33
Cleanup Method: EPA 3620B
Cleanup Date: 11/12/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.783	0.350	1	A
Alpha-BHC	ND		ug/kg	0.783	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.713	1	A
Heptachlor	ND		ug/kg	0.940	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.662	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.783	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.822	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
Dieldrin	ND		ug/kg	1.18	0.588	1	A
4,4'-DDE	ND		ug/kg	1.88	0.435	1	A
4,4'-DDD	ND		ug/kg	1.88	0.670	1	A
4,4'-DDT	ND		ug/kg	3.52	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.783	0.373	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.87	1	A
cis-Chlordane	ND		ug/kg	2.35	0.655	1	A
trans-Chlordane	ND		ug/kg	2.35	0.620	1	A
Chlordane	ND		ug/kg	15.7	6.23	1	A

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
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	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/11/21 12:41
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 11/11/21 05:56
Cleanup Method: EPA 3620B
Cleanup Date: 11/11/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1569896-1						
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: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/11/21 12:41
 Analyst: SDC

Extraction Method: EPA 3546
 Extraction Date: 11/11/21 05:56
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/11/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1569896-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	111		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1569896-2 WG1569896-3									
Delta-BHC	77		71		30-150	8		30	A
Lindane	84		78		30-150	7		30	A
Alpha-BHC	82		77		30-150	6		30	A
Beta-BHC	80		75		30-150	6		30	A
Heptachlor	87		82		30-150	6		30	A
Aldrin	79		75		30-150	5		30	A
Heptachlor epoxide	77		71		30-150	8		30	A
Endrin	80		75		30-150	6		30	A
Endrin aldehyde	42		36		30-150	15		30	A
Endrin ketone	69		62		30-150	11		30	A
Dieldrin	82		77		30-150	6		30	A
4,4'-DDE	75		71		30-150	5		30	A
4,4'-DDD	84		78		30-150	7		30	A
4,4'-DDT	83		78		30-150	6		30	A
Endosulfan I	73		70		30-150	4		30	A
Endosulfan II	80		74		30-150	8		30	A
Endosulfan sulfate	46		41		30-150	11		30	A
Methoxychlor	82		76		30-150	8		30	A
cis-Chlordane	67		63		30-150	6		30	A
trans-Chlordane	80		77		30-150	4		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1569896-2 WG1569896-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		76		30-150	A
Decachlorobiphenyl	100		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		81		30-150	B
Decachlorobiphenyl	117		106		30-150	B

METALS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
 Client ID: F-3
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
 Date Received: 11/05/21
 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	4420		mg/kg	9.07	2.45	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.54	0.345	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Arsenic, Total	1.79		mg/kg	0.907	0.189	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Barium, Total	32.9		mg/kg	0.907	0.158	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Beryllium, Total	0.327	J	mg/kg	0.454	0.030	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.907	0.089	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Calcium, Total	1260		mg/kg	9.07	3.18	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Chromium, Total	15.0		mg/kg	0.907	0.087	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Cobalt, Total	7.59		mg/kg	1.81	0.151	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Copper, Total	22.3		mg/kg	0.907	0.234	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Iron, Total	12100		mg/kg	4.54	0.819	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Lead, Total	7.01		mg/kg	4.54	0.243	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Magnesium, Total	3590		mg/kg	9.07	1.40	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Manganese, Total	250		mg/kg	0.907	0.144	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/12/21 21:38	11/13/21 18:24	EPA 7471B	1,7471B	NB
Nickel, Total	44.6		mg/kg	2.27	0.220	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Potassium, Total	1070		mg/kg	227	13.1	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.81	0.234	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.907	0.257	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Sodium, Total	117	J	mg/kg	181	2.86	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.81	0.286	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Vanadium, Total	20.3		mg/kg	0.907	0.184	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD
Zinc, Total	31.8		mg/kg	4.54	0.266	2	11/12/21 21:12	11/18/21 21:23	EPA 3050B	1,6010D	GD



Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
 Client ID: E-2
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
 Date Received: 11/05/21
 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	3830		mg/kg	7.85	2.12	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	3.92	0.298	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Arsenic, Total	2.03		mg/kg	0.785	0.163	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Barium, Total	33.9		mg/kg	0.785	0.136	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Beryllium, Total	0.298	J	mg/kg	0.392	0.026	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.785	0.077	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Calcium, Total	1300		mg/kg	7.85	2.75	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Chromium, Total	11.4		mg/kg	0.785	0.075	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Cobalt, Total	7.95		mg/kg	1.57	0.130	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Copper, Total	17.7		mg/kg	0.785	0.202	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Iron, Total	11400		mg/kg	3.92	0.709	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Lead, Total	7.22		mg/kg	3.92	0.210	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Magnesium, Total	3430		mg/kg	7.85	1.21	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Manganese, Total	265		mg/kg	0.785	0.125	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.073	0.048	1	11/12/21 21:38	11/13/21 18:27	EPA 7471B	1,7471B	NB
Nickel, Total	53.3		mg/kg	1.96	0.190	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Potassium, Total	845		mg/kg	196	11.3	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.57	0.202	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.785	0.222	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Sodium, Total	98.0	J	mg/kg	157	2.47	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.57	0.247	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Vanadium, Total	22.9		mg/kg	0.785	0.159	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD
Zinc, Total	38.1		mg/kg	3.92	0.230	2	11/12/21 21:12	11/18/21 21:28	EPA 3050B	1,6010D	GD



Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
 Client ID: E-3
 Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
 Date Received: 11/05/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5090		mg/kg	9.31	2.51	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.66	0.354	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Arsenic, Total	3.65		mg/kg	0.931	0.194	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Barium, Total	50.0		mg/kg	0.931	0.162	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Beryllium, Total	0.493		mg/kg	0.466	0.031	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.931	0.091	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Calcium, Total	1380		mg/kg	9.31	3.26	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Chromium, Total	17.7		mg/kg	0.931	0.089	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Cobalt, Total	17.0		mg/kg	1.86	0.154	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Copper, Total	32.6		mg/kg	0.931	0.240	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Iron, Total	15400		mg/kg	4.66	0.841	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Lead, Total	17.8		mg/kg	4.66	0.250	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Magnesium, Total	8990		mg/kg	9.31	1.43	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Manganese, Total	412		mg/kg	0.931	0.148	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.082	0.054	1	11/12/21 21:38	11/13/21 18:30	EPA 7471B	1,7471B	NB
Nickel, Total	160		mg/kg	2.33	0.225	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Potassium, Total	999		mg/kg	233	13.4	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.86	0.240	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.931	0.263	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Sodium, Total	209		mg/kg	186	2.93	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.86	0.293	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Vanadium, Total	27.0		mg/kg	0.931	0.189	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD
Zinc, Total	58.9		mg/kg	4.66	0.273	2	11/12/21 21:12	11/18/21 21:33	EPA 3050B	1,6010D	GD



Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570632-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Sodium, Total	ND		mg/kg	80.0	1.26	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/12/21 21:12	11/18/21 10:24	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/12/21 21:12	11/18/21 10:24	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: WG1570633-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/12/21 21:38	11/13/21 17:47	1,7471B	NB



Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1570632-2 SRM Lot Number: D109-540								
Aluminum, Total	67		-		50-150	-		
Antimony, Total	101		-		19-250	-		
Arsenic, Total	99		-		70-130	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	93		-		75-125	-		
Cadmium, Total	95		-		75-125	-		
Calcium, Total	93		-		73-128	-		
Chromium, Total	95		-		70-130	-		
Cobalt, Total	94		-		75-125	-		
Copper, Total	96		-		75-125	-		
Iron, Total	99		-		35-165	-		
Lead, Total	95		-		72-128	-		
Magnesium, Total	88		-		62-138	-		
Manganese, Total	91		-		74-126	-		
Nickel, Total	95		-		70-130	-		
Potassium, Total	85		-		59-141	-		
Selenium, Total	96		-		68-132	-		
Silver, Total	98		-		68-131	-		
Sodium, Total	101		-		35-165	-		
Thallium, Total	94		-		68-131	-		
Vanadium, Total	96		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1570632-2 SRM Lot Number: D109-540					
Zinc, Total	94	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1570633-2 SRM Lot Number: D109-540					
Mercury, Total	103	-	60-140	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570632-3			QC Sample: L2161023-01			Client ID: MS Sample			
Aluminum, Total	4860	166	5220	217	Q	-	-		75-125	-		20
Antimony, Total	1.32J	41.5	28.8	69	Q	-	-		75-125	-		20
Arsenic, Total	10.6	9.96	19.6	90		-	-		75-125	-		20
Barium, Total	337	166	510	104		-	-		75-125	-		20
Beryllium, Total	0.371J	4.15	4.02	97		-	-		75-125	-		20
Cadmium, Total	0.810J	4.4	4.32	98		-	-		75-125	-		20
Calcium, Total	14500	830	14100	0	Q	-	-		75-125	-		20
Chromium, Total	17.9	16.6	29.7	71	Q	-	-		75-125	-		20
Cobalt, Total	7.57	41.5	39.6	77		-	-		75-125	-		20
Copper, Total	59.1	20.7	92.5	161	Q	-	-		75-125	-		20
Iron, Total	22500	83	21500	0	Q	-	-		75-125	-		20
Lead, Total	714	44	681	0	Q	-	-		75-125	-		20
Magnesium, Total	2580	830	3200	75		-	-		75-125	-		20
Manganese, Total	325	41.5	336	26	Q	-	-		75-125	-		20
Nickel, Total	14.7	41.5	50.3	86		-	-		75-125	-		20
Potassium, Total	1160	830	1780	75		-	-		75-125	-		20
Selenium, Total	0.438J	9.96	9.30	93		-	-		75-125	-		20
Silver, Total	ND	24.9	22.8	92		-	-		75-125	-		20
Sodium, Total	146J	830	982	118		-	-		75-125	-		20
Thallium, Total	ND	9.96	7.24	73	Q	-	-		75-125	-		20
Vanadium, Total	27.7	41.5	60.0	78		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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: WG1570632-3		QC Sample: L2161023-01		Client ID: MS Sample		
Zinc, Total	498	41.5	418	0	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03			QC Batch ID: WG1570633-3		QC Sample: L2161023-01		Client ID: MS Sample		
Mercury, Total	0.678	0.148	1.07	265	Q	-	80-120	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1570632-4 QC Sample: L2161023-01 Client ID: DUP Sample						
Aluminum, Total	4860	5550	mg/kg	13		20
Antimony, Total	1.32J	0.865J	mg/kg	NC		20
Arsenic, Total	10.6	8.72	mg/kg	19		20
Barium, Total	337	341	mg/kg	1		20
Beryllium, Total	0.371J	0.370J	mg/kg	NC		20
Cadmium, Total	0.810J	0.714J	mg/kg	NC		20
Calcium, Total	14500	15100	mg/kg	4		20
Chromium, Total	17.9	18.6	mg/kg	4		20
Cobalt, Total	7.57	7.16	mg/kg	6		20
Copper, Total	59.1	57.8	mg/kg	2		20
Iron, Total	22500	20000	mg/kg	12		20
Lead, Total	714	798	mg/kg	11		20
Magnesium, Total	2580	2880	mg/kg	11		20
Manganese, Total	325	246	mg/kg	28	Q	20
Nickel, Total	14.7	15.4	mg/kg	5		20
Potassium, Total	1160	1270	mg/kg	9		20
Selenium, Total	0.438J	0.344J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	146J	157J	mg/kg	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1570632-4 QC Sample: L2161023-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	27.7	26.5	mg/kg	4	20
Zinc, Total	498	448	mg/kg	11	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1570633-4 QC Sample: L2161023-01 Client ID: DUP Sample					
Mercury, Total	0.678	0.548	mg/kg	21	Q 20

Project Name: SNL
Project Number: 10737:9

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2160940
Report Date: 11/19/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1570632-6 QC Sample: L2161023-01 Client ID: DUP Sample						
Copper, Total	59.1	65.3	mg/kg	10		20

INORGANICS & MISCELLANEOUS

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-01
Client ID: F-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:05
Date Received: 11/05/21
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	-	11/06/21 11:08	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	11/16/21 04:30	11/16/21 12:39	1,9010C/9012B	CS



Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-02
Client ID: E-2
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:00
Date Received: 11/05/21
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	95.8		%	0.100	NA	1	-	11/06/21 11:08	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	11/16/21 11:15	11/16/21 14:24	1,9010C/9012B	CS



Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

SAMPLE RESULTS

Lab ID: L2160940-03
Client ID: E-3
Sample Location: 1454 39TH ST, BROOKLYN, NY

Date Collected: 11/04/21 10:15
Date Received: 11/05/21
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	82.3		%	0.100	NA	1	-	11/06/21 11:08	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	11/16/21 11:15	11/16/21 14:25	1,9010C/9012B	CS



Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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 Batch: WG1571787-1										
Cyanide, Total	ND		mg/kg	0.83	0.18	1	11/16/21 04:30	11/16/21 12:20	1,9010C/9012B	CS

General Chemistry - Westborough Lab for sample(s): 02-03 Batch: WG1571817-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	11/16/21 11:15	11/16/21 14:20	1,9010C/9012B	CS

Lab Control Sample Analysis Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1571787-2 WG1571787-3								
Cyanide, Total	46	Q	87		80-120	61	Q	35
General Chemistry - Westborough Lab Associated sample(s): 02-03 Batch: WG1571817-2 WG1571817-3								
Cyanide, Total	68	Q	71	Q	80-120	11		35

Matrix Spike Analysis

Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

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 QC Batch ID: WG1571787-4 WG1571787-5 QC Sample: L2161023-15 Client ID: MS Sample												
Cyanide, Total	5.1	10	14	86		34	250	Q	75-125	83	Q	35
General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1571817-4 WG1571817-5 QC Sample: L2161124-01 Client ID: MS Sample												
Cyanide, Total	ND	9.8	6.2	63	Q	11	110		75-125	56	Q	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1568016-1 QC Sample: L2160790-01 Client ID: DUP Sample						
Solids, Total	85.5	84.5	%	1		20

Project Name: SNL**Lab Number:** L2160940**Project Number:** 10737:9**Report Date:** 11/19/21**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(*)
L2160940-01A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-01B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-01C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-01D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2160940-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2160940-01F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2160940-01X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-01Y	Vial Water preserved split	A	NA		2.6	Y	Absent	06-NOV-21 07:29	NYTCL-8260HLW(14)
L2160940-01Z	Vial Water preserved split	A	NA		2.6	Y	Absent	06-NOV-21 07:29	NYTCL-8260HLW(14)
L2160940-02A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-02B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-02C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-02D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2160940-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	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),ZN-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CD-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180)
L2160940-02F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2160940-02X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-02Y	Vial Water preserved split	A	NA		2.6	Y	Absent	06-NOV-21 07:29	NYTCL-8260HLW(14)

Project Name: SNL
Project Number: 10737:9

Serial_No: 11192116:59
Lab Number: L2160940
Report Date: 11/19/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2160940-02Z	Vial Water preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-03A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-03B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-03C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-03D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2160940-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),ZN-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180)
L2160940-03F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2160940-03X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2160940-03Y	Vial Water preserved split	A	NA		2.6	Y	Absent	06-NOV-21 07:29	NYTCL-8260HLW(14)
L2160940-03Z	Vial Water preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)

Project Name: SNL
Project Number: 10737:9

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

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: SNL
Project Number: 10737:9

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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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SNL
Project Number: 10737:9

Lab Number: L2160940
Report Date: 11/19/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

[illegible]



ANALYTICAL REPORT

Lab Number:	L2169693
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Kevin Kleaka
Phone:	(631) 269-8800
Project Name:	39TH STREET BCP SITE #C224311
Project Number:	16390
Report Date:	02/15/22

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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: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2169693-01	EP-E1	SOIL	1454 39TH STREET, BROOKLYN, NY	12/17/21 07:35	12/17/21
L2169693-02	EP-D1	SOIL	1454 39TH STREET, BROOKLYN, NY	12/17/21 07:15	12/17/21
L2169693-03	EP-D1 DUPLICATE	SOIL	1454 39TH STREET, BROOKLYN, NY	12/17/21 07:20	12/17/21
L2169693-04	FIELD BLANK 12/17/21	WATER	1454 39TH STREET, BROOKLYN, NY	12/17/21 08:00	12/17/21
L2169693-05	TRIP BLANK 12/17/21	WATER	1454 39TH STREET, BROOKLYN, NY	12/17/21 00:00	12/17/21

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Case Narrative (continued)

Report Revision

February 15, 2022: The Volatile and Semivolatile Organics analyses have been amended to include TICs. In addition, the results of the Semivolatile Organics-SIM analysis was removed from L2169693-04.

Report Submission

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

Sample Receipt

L2169693-01 through -04: At the client's request, the Herbicides analysis was performed.

Semivolatile Organics

The WG1586830-1 Method Blank, associated with L2169693-04, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

Pesticides

L2169693-04: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (29%,25%) and decachlorobiphenyl (19%,15%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

WG1587098-1: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (29%,26%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

The WG1587098-2/-3 LCS/LCSD recoveries, associated with L2169693-04, were outside the acceptance criteria for delta-bhc (17%/17%), lindane (26%/26%), alpha-bhc (24%/24%), beta-bhc (LCSD 29%), heptachlor (28%/28%), aldrin (25%/28%), endrin (27%/28%), dieldrin (LCS 28%), 4,4'-dde (27%/28%), 4,4'-ddd (LCS 29%), 4,4'-ddt (26%/28%), endosulfan i (25%/27%), endosulfan ii (LCS 29%), endosulfan sulfate (25%/29%),

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Case Narrative (continued)

and cis-chlordane (23%/24%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

WG1587098-2: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (28%,24%) and decachlorobiphenyl (29%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

WG1587098-3: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (27%,26%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

Total Metals

The WG1588693-3/-4 MS/MSD recoveries, performed on L2169693-01, are outside the acceptance criteria for arsenic (70%/71%), cadmium (53%/55%), lead (63%/66%), selenium (67%/68%), silver (73%/74%) and zinc (MSD 70%). A post digestion spike was performed and yielded unacceptable recoveries for arsenic (69%), cadmium (50%), lead (61%), selenium (69%), silver (69%) and zinc (61%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1588693-3/-4 MS/MSD recoveries, performed on L2169693-01, are outside the acceptance criteria for barium (72%/73%), chromium (MS 69%), copper (60%/71%) and nickel (MS 39%). A post digestion spike was performed and yielded unacceptable recoveries for barium (69%), chromium (62%), copper (64%) and nickel (57%). The serial dilution recoveries were not acceptable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1588693-3/-4 MS/MSD recoveries for manganese (60%/70%), performed on L2169693-01, do not apply because the sample concentration is greater than four times the spike amount added.

The WG1588694-3 MS recovery, performed on L2169693-01, is outside the acceptance criteria for mercury (130%). A post digestion spike was performed and was within acceptance criteria.

The WG1588694-3/-4 MS/MSD RPD for mercury (31%), performed on L2169693-01, is above the acceptance criteria.

Project Name: 39TH STREET BCP SITE #C224311
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Case Narrative (continued)

The WG1588777-3 MS recovery, performed on L2169693-03, is outside the acceptance criteria for nickel (69%). A post digestion spike was performed and yielded an unacceptable recovery for nickel (67%). The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1588777-4 Laboratory Duplicate RPDs for chromium (22%), manganese (33%) and zinc (30%), performed on L2169693-03, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

The WG1588693-6 serial dilution analysis, associated with L2169693-01, had a %D above the acceptance criteria for barium (34%), chromium (37%), copper (31%), manganese (37%) and nickel (39%).

The WG1588777-6 serial dilution analysis, associated with L2169693-03, had a %D above the acceptance criteria for barium (23%), manganese (28%) and nickel (26%).

Cyanide, Total

The WG1588249-2/-3 LCS/LCSD recoveries for cyanide, total (74%/73%), associated with L2169693-01, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1588657-2/-3 LCS/LCSD recoveries for cyanide, total (24%/67%), associated with L2169693-02 and -03, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (90%).

WG1588657: A Matrix Spike and Matrix Spike Duplicate were prepared with the sample batch, however, the QC could not be reported due to a laboratory oversight.

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: 02/15/22

ORGANICS

VOLATILES

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-01
Client ID: EP-E1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/24/21 13:58
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	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
Acetone	ND		ug/kg	9.6	4.6	1
2-Butanone	ND		ug/kg	9.6	2.1	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
n-Propylbenzene	ND		ug/kg	0.96	0.16	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-01
Client ID: EP-E1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1

Tentatively Identified Compounds

Total TIC Compounds	4.79	J	ug/kg			1
Unknown	4.79	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-02
 Client ID: EP-D1
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:15
 Date Received: 12/17/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 12/24/21 14:19
 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	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	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
Vinyl chloride	ND		ug/kg	1.2	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
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
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	ND		ug/kg	12	5.8	1
2-Butanone	ND		ug/kg	12	2.7	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
n-Propylbenzene	ND		ug/kg	1.2	0.20	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-02
Client ID: EP-D1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:15
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1

Tentatively Identified Compounds

Total TIC Compounds	806	J	ug/kg			1
Unknown	93.5	J	ug/kg			1
Unknown	27.1	J	ug/kg			1
Unknown	98.3	J	ug/kg			1
Unknown	70.8	J	ug/kg			1
Unknown	36.0	J	ug/kg			1
Unknown	51.1	J	ug/kg			1
Unknown	54.4	J	ug/kg			1
Unknown Alkane	40.1	J	ug/kg			1
Unknown	27.2	J	ug/kg			1
Unknown	28.1	J	ug/kg			1
Unknown Naphthalene	57.7	J	ug/kg			1
Unknown	59.8	J	ug/kg			1
Unknown	68.2	J	ug/kg			1
Unknown	33.3	J	ug/kg			1
Unknown	60.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-03
Client ID: EP-D1 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/24/21 14:40
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	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.24	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Acetone	8.0	J	ug/kg	14	6.8	1
2-Butanone	ND		ug/kg	14	3.1	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-03
 Client ID: EP-D1 DUPLICATE
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
 Date Received: 12/17/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1

Tentatively Identified Compounds

Total TIC Compounds	849	J	ug/kg			1
Unknown	26.3	J	ug/kg			1
Unknown	74.7	J	ug/kg			1
Unknown Naphthalene	78.1	J	ug/kg			1
Unknown Naphthalene	89.0	J	ug/kg			1
Unknown	108	J	ug/kg			1
Unknown Cycloalkane	89.3	J	ug/kg			1
Unknown	54.0	J	ug/kg			1
Unknown	38.9	J	ug/kg			1
Unknown	49.8	J	ug/kg			1
Unknown	60.4	J	ug/kg			1
Unknown	29.7	J	ug/kg			1
Unknown	30.7	J	ug/kg			1
Unknown	32.8	J	ug/kg			1
Unknown	46.4	J	ug/kg			1
Unknown Alkane	40.5	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	107		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/27/21 14:00
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
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	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
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
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	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
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-05
 Client ID: TRIP BLANK 12/17/21
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 00:00
 Date Received: 12/17/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 01/04/22 09:38
 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
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	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
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
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	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
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-05
Client ID: TRIP BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 00:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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

Tentatively Identified Compounds

Total TIC Compounds	2.12	J	ug/l			1
Cyclotrisiloxane, Hexamethyl-	2.12	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/24/21 07:23
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1587662-5					
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
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	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
Vinyl chloride	ND		ug/kg	1.0	0.34
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
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	3.1	J	ug/kg	10	2.2
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
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/24/21 07:23
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1587662-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Tentatively Identified Compounds

Total TIC Compounds	4.51	J	ug/kg
Unknown	4.51	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	94		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/27/21 08:58
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1588419-5					
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
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	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
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
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
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Acetone	ND		ug/l	5.0	1.5
2-Butanone	ND		ug/l	5.0	1.9
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
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/27/21 08:58
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1588419-5					
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 01/04/22 08:30
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1590359-5					
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
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	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
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
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
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Acetone	ND		ug/l	5.0	1.5
2-Butanone	ND		ug/l	5.0	1.9
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
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 01/04/22 08:30
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1590359-5					
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.

Tentatively Identified Compounds

Total TIC Compounds	1.95	J	ug/l
Cyclotrisiloxane, Hexamethyl-	1.95	NJ	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1587662-3 WG1587662-4								
Methylene chloride	80		76		70-130	5		30
1,1-Dichloroethane	80		76		70-130	5		30
Chloroform	77		73		70-130	5		30
Carbon tetrachloride	77		73		70-130	5		30
Tetrachloroethene	92		88		70-130	4		30
Chlorobenzene	87		84		70-130	4		30
1,2-Dichloroethane	67	Q	66	Q	70-130	2		30
1,1,1-Trichloroethane	78		74		70-130	5		30
Benzene	88		83		70-130	6		30
Toluene	90		87		70-130	3		30
Ethylbenzene	89		85		70-130	5		30
Vinyl chloride	79		75		67-130	5		30
1,1-Dichloroethene	83		78		65-135	6		30
trans-1,2-Dichloroethene	83		79		70-130	5		30
Trichloroethene	84		81		70-130	4		30
1,2-Dichlorobenzene	87		86		70-130	1		30
1,3-Dichlorobenzene	88		85		70-130	3		30
1,4-Dichlorobenzene	87		85		70-130	2		30
Methyl tert butyl ether	84		82		66-130	2		30
p/m-Xylene	93		89		70-130	4		30
o-Xylene	94		91		70-130	3		30
cis-1,2-Dichloroethene	86		84		70-130	2		30
Acetone	61		64		54-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1587662-3 WG1587662-4								
2-Butanone	82		83		70-130	1		30
n-Butylbenzene	90		87		70-130	3		30
sec-Butylbenzene	94		90		70-130	4		30
tert-Butylbenzene	94		90		70-130	4		30
n-Propylbenzene	91		88		70-130	3		30
1,3,5-Trimethylbenzene	93		88		70-130	6		30
1,2,4-Trimethylbenzene	93		91		70-130	2		30
1,4-Dioxane	102		98		65-136	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	72		74		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	89		88		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

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: WG1588419-3 WG1588419-4								
Methylene chloride	99		97		70-130	2		20
1,1-Dichloroethane	99		99		70-130	0		20
Chloroform	93		96		70-130	3		20
Carbon tetrachloride	93		94		63-132	1		20
Tetrachloroethene	98		99		70-130	1		20
Chlorobenzene	98		100		75-130	2		20
1,2-Dichloroethane	92		93		70-130	1		20
1,1,1-Trichloroethane	93		93		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	99		100		70-130	1		20
Ethylbenzene	97		100		70-130	3		20
Vinyl chloride	96		95		55-140	1		20
1,1-Dichloroethene	98		97		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		98		70-130	0		20
1,2-Dichlorobenzene	96		98		70-130	2		20
1,3-Dichlorobenzene	96		99		70-130	3		20
1,4-Dichlorobenzene	97		99		70-130	2		20
Methyl tert butyl ether	95		95		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Acetone	110		88		58-148	22	Q	20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

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: WG1588419-3 WG1588419-4								
2-Butanone	89		97		63-138	9		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	99		100		70-130	1		20
tert-Butylbenzene	96		100		70-130	4		20
n-Propylbenzene	99		100		69-130	1		20
1,3,5-Trimethylbenzene	97		99		64-130	2		20
1,2,4-Trimethylbenzene	96		99		70-130	3		20
1,4-Dioxane	96		102		56-162	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	100		98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1590359-3 WG1590359-4								
Methylene chloride	95		99		70-130	4		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	95		98		63-132	3		20
Tetrachloroethene	95		98		70-130	3		20
Chlorobenzene	95		98		75-130	3		20
1,2-Dichloroethane	92		95		70-130	3		20
1,1,1-Trichloroethane	97		100		67-130	3		20
Benzene	99		100		70-130	1		20
Toluene	98		100		70-130	2		20
Ethylbenzene	96		99		70-130	3		20
Vinyl chloride	95		100		55-140	5		20
1,1-Dichloroethene	93		99		61-145	6		20
trans-1,2-Dichloroethene	99		100		70-130	1		20
Trichloroethene	97		100		70-130	3		20
1,2-Dichlorobenzene	90		94		70-130	4		20
1,3-Dichlorobenzene	95		97		70-130	2		20
1,4-Dichlorobenzene	95		96		70-130	1		20
Methyl tert butyl ether	82		86		63-130	5		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	97		100		70-130	3		20
Acetone	84		82		58-148	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1590359-3 WG1590359-4								
2-Butanone	72		74		63-138	3		20
n-Butylbenzene	96		98		53-136	2		20
sec-Butylbenzene	94		96		70-130	2		20
tert-Butylbenzene	95		96		70-130	1		20
n-Propylbenzene	97		99		69-130	2		20
1,3,5-Trimethylbenzene	95		97		64-130	2		20
1,2,4-Trimethylbenzene	96		98		70-130	2		20
1,4-Dioxane	94		100		56-162	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	98		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

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: WG1587662-6 WG1587662-7 QC Sample: L2169693-01 Client ID: EP-E1												
Methylene chloride	ND	114	110	96		130	100		70-130	14		30
1,1-Dichloroethane	ND	114	100	91		120	94		70-130	13		30
Chloroform	ND	114	98	86		110	89		70-130	14		30
Carbon tetrachloride	ND	114	100	88		120	96		70-130	19		30
Tetrachloroethene	ND	114	110	94		130	100		70-130	16		30
Chlorobenzene	ND	114	110	94		120	97		70-130	14		30
1,2-Dichloroethane	ND	114	86	75		94	74		70-130	9		30
1,1,1-Trichloroethane	ND	114	100	91		120	97		70-130	17		30
Benzene	ND	114	110	99		130	104		70-130	15		30
Toluene	ND	114	110	100		130	105		70-130	15		30
Ethylbenzene	ND	114	110	96		130	101		70-130	15		30
Vinyl chloride	ND	114	110	94		130	100		67-130	16		30
1,1-Dichloroethene	ND	114	110	96		130	101		65-135	15		30
trans-1,2-Dichloroethene	ND	114	110	94		130	100		70-130	16		30
Trichloroethene	ND	114	110	95		130	101		70-130	16		30
1,2-Dichlorobenzene	ND	114	100	87		120	93		70-130	17		30
1,3-Dichlorobenzene	ND	114	96	84		110	90		70-130	17		30
1,4-Dichlorobenzene	ND	114	95	83		110	89		70-130	16		30
Methyl tert butyl ether	ND	114	100	91		110	89		66-130	8		30
p/m-Xylene	ND	228	220	97		260	103		70-130	16		30
o-Xylene	ND	228	230	101		270	106		70-130	15		30
cis-1,2-Dichloroethene	ND	114	110	95		130	100		70-130	14		30
Acetone	ND	114	87	76		89	70		54-140	2		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

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: WG1587662-6 WG1587662-7 QC Sample: L2169693-01 Client ID: EP-E1												
2-Butanone	ND	114	96	84		98	78		70-130	2		30
n-Butylbenzene	ND	114	97	85		120	93		70-130	20		30
sec-Butylbenzene	ND	114	110	97		140	107		70-130	20		30
tert-Butylbenzene	ND	114	110	100		140	111		70-130	20		30
n-Propylbenzene	ND	114	110	94		130	101		70-130	18		30
1,3,5-Trimethylbenzene	ND	114	110	96		130	104		70-130	18		30
1,2,4-Trimethylbenzene	ND	114	110	95		130	102		70-130	17		30
1,4-Dioxane	ND	5710	5900	102		6600	104		65-136	12		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	76		74		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	89		88		70-130
Toluene-d8	103		102		70-130

SEMIVOLATILES

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-01
Client ID: EP-E1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/02/22 16:35
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/27/21 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	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
Dibenzofuran	ND		ug/kg	170	16.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-01
Client ID: EP-E1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	73		18-120

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-02
 Client ID: EP-D1
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:15
 Date Received: 12/17/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 01/02/22 15:51
 Analyst: CMM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 12/27/21 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	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	26.	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
Dibenzofuran	ND		ug/kg	170	16.	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: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-02
Client ID: EP-D1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:15
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	524	J	ug/kg	1
Unknown	215	J	ug/kg	1
Unknown	147	J	ug/kg	1
Unknown	162	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	52		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-03
Client ID: EP-D1 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/02/22 16:13
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/27/21 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	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
Dibenzofuran	ND		ug/kg	170	16.	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: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-03
Client ID: EP-D1 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	3370	J	ug/kg	1
Unknown	165	J	ug/kg	1
Unknown	450	J	ug/kg	1
Unknown Alkane	619	J	ug/kg	1
Unknown	516	J	ug/kg	1
Unknown	284	J	ug/kg	1
Unknown	151	J	ug/kg	1
Unknown	186	J	ug/kg	1
Unknown	196	J	ug/kg	1
Unknown	357	J	ug/kg	1
Unknown Alkane	443	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	73		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/27/21 11:12
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Fluoranthene	ND		ug/l	2.0	0.26	1
Naphthalene	ND		ug/l	2.0	0.46	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
Dibenzofuran	ND		ug/l	2.0	0.50	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: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	21.0	J	ug/l			1
Unknown	1.49	J	ug/l			1
Unknown	1.60	J	ug/l			1
Unknown Alcohol	3.60	JB	ug/l			1
Unknown Alkane	1.64	J	ug/l			1
Unknown Benzene	1.49	J	ug/l			1
Unknown Cyclohexene	9.71	J	ug/l			1
Unknown Organic Acid	1.45	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	78		41-149

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/23/21 10:08
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1586830-1					
Acenaphthene	ND		ug/l	2.0	0.44
Hexachlorobenzene	ND		ug/l	2.0	0.46
Fluoranthene	ND		ug/l	2.0	0.26
Naphthalene	ND		ug/l	2.0	0.46
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
Dibenzofuran	ND		ug/l	2.0	0.50
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

Tentatively Identified Compounds

Total TIC Compounds	23.6	J	ug/l
Unknown	2.62	J	ug/l
Unknown	4.80	J	ug/l

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/23/21 10:08
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1586830-1					

Tentatively Identified Compounds

Unknown Amide	2.07	J	ug/l
Unknown Organic Acid	5.42	J	ug/l
Unknown Organic Acid	4.29	J	ug/l
Unknown	4.36	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	64		41-149

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/01/22 18:15
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 12/27/21 22:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1588033-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Fluoranthene	ND		ug/kg	100	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Dibenzofuran	ND		ug/kg	160	16.
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.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 01/01/22 18:15
 Analyst: CMM

Extraction Method: EPA 3546
 Extraction Date: 12/27/21 22:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1588033-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	75		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

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: WG1586830-2 WG1586830-3								
Acenaphthene	58		58		37-111	0		30
Hexachlorobenzene	55		56		40-140	2		30
Fluoranthene	58		61		40-140	5		30
Naphthalene	54		55		40-140	2		30
Benzo(a)anthracene	61		64		40-140	5		30
Benzo(a)pyrene	57		58		40-140	2		30
Benzo(b)fluoranthene	62		66		40-140	6		30
Benzo(k)fluoranthene	62		66		40-140	6		30
Chrysene	62		64		40-140	3		30
Acenaphthylene	50		51		45-123	2		30
Anthracene	60		63		40-140	5		30
Benzo(ghi)perylene	64		68		40-140	6		30
Fluorene	58		59		40-140	2		30
Phenanthrene	60		63		40-140	5		30
Dibenzo(a,h)anthracene	67		72		40-140	7		30
Indeno(1,2,3-cd)pyrene	68		73		40-140	7		30
Pyrene	58		60		26-127	3		30
Dibenzofuran	58		59		40-140	2		30
Pentachlorophenol	35		43		9-103	21		30
Phenol	39		42		12-110	7		30
2-Methylphenol	59		60		30-130	2		30
3-Methylphenol/4-Methylphenol	64		63		30-130	2		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2169693**Report Date:** 02/15/22

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: WG1586830-2 WG1586830-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		55		21-120
Phenol-d6	43		44		10-120
Nitrobenzene-d5	58		57		23-120
2-Fluorobiphenyl	51		51		15-120
2,4,6-Tribromophenol	58		60		10-120
4-Terphenyl-d14	65		68		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1588033-2 WG1588033-3								
Acenaphthene	78		82		31-137	5		50
Hexachlorobenzene	89		95		40-140	7		50
Fluoranthene	80		87		40-140	8		50
Naphthalene	72		76		40-140	5		50
Benzo(a)anthracene	78		86		40-140	10		50
Benzo(a)pyrene	69		76		40-140	10		50
Benzo(b)fluoranthene	75		82		40-140	9		50
Benzo(k)fluoranthene	79		86		40-140	8		50
Chrysene	75		84		40-140	11		50
Acenaphthylene	79		82		40-140	4		50
Anthracene	79		85		40-140	7		50
Benzo(ghi)perylene	68		73		40-140	7		50
Fluorene	79		85		40-140	7		50
Phenanthrene	78		85		40-140	9		50
Dibenzo(a,h)anthracene	74		80		40-140	8		50
Indeno(1,2,3-cd)pyrene	69		75		40-140	8		50
Pyrene	78		85		35-142	9		50
Dibenzofuran	79		85		40-140	7		50
Pentachlorophenol	77		82		17-109	6		50
Phenol	72		78		26-90	8		50
2-Methylphenol	73		79		30-130	8		50
3-Methylphenol/4-Methylphenol	81		90		30-130	11		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1588033-2 WG1588033-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		78		25-120
Phenol-d6	76		81		10-120
Nitrobenzene-d5	77		79		23-120
2-Fluorobiphenyl	78		82		30-120
2,4,6-Tribromophenol	101		109		10-136
4-Terphenyl-d14	82		86		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

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: WG1588033-4 WG1588033-5 QC Sample: L2169693-01 Client ID: EP-E1												
Acenaphthene	ND	1420	1100	78		1200	87		31-137	9		50
Hexachlorobenzene	ND	1420	1100	78		1200	87		40-140	9		50
Fluoranthene	ND	1420	1100	78		1100	79		40-140	0		50
Naphthalene	ND	1420	1100	78		1200	87		40-140	9		50
Benzo(a)anthracene	ND	1420	1100	78		1100	79		40-140	0		50
Benzo(a)pyrene	ND	1420	910	64		950	69		40-140	4		50
Benzo(b)fluoranthene	ND	1420	1000	70		1100	79		40-140	10		50
Benzo(k)fluoranthene	ND	1420	1000	70		1100	79		40-140	10		50
Chrysene	ND	1420	1100	78		1100	79		40-140	0		50
Acenaphthylene	ND	1420	1000	70		1100	79		40-140	10		50
Anthracene	ND	1420	1100	78		1100	79		40-140	0		50
Benzo(ghi)perylene	ND	1420	1100	78		1100	79		40-140	0		50
Fluorene	ND	1420	1100	78		1100	79		40-140	0		50
Phenanthrene	ND	1420	1200	85		1200	87		40-140	0		50
Dibenzo(a,h)anthracene	ND	1420	1100	78		1100	79		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1420	1100	78		1200	87		40-140	9		50
Pyrene	ND	1420	1100	78		1100	79		35-142	0		50
Dibenzofuran	ND	1420	1100	78		1200	87		40-140	9		50
Pentachlorophenol	ND	1420	910	64		970	70		17-109	6		50
Phenol	ND	1420	1100	78		1100	79		26-90	0		50
2-Methylphenol	ND	1420	1100	78		1100	79		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1420	1200	85		1200	87		30-130	0		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2169693**Report Date:** 02/15/22

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: WG1588033-4 WG1588033-5 QC Sample: L2169693-01 Client ID: EP-E1												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	75		81		10-136
2-Fluorobiphenyl	72		78		30-120
2-Fluorophenol	82		86		25-120
4-Terphenyl-d14	73		78		18-120
Nitrobenzene-d5	75		80		23-120
Phenol-d6	82		86		10-120

PCBS

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS****Lab ID:** L2169693-01**Date Collected:** 12/17/21 07:35**Client ID:** EP-E1**Date Received:** 12/17/21**Sample Location:** 1454 39TH STREET, BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 3546**Analytical Method:** 1,8082A**Extraction Date:** 12/27/21 20:03**Analytical Date:** 12/28/21 12:31**Cleanup Method:** EPA 3665A**Analyst:** JWJ**Cleanup Date:** 12/28/21**Percent Solids:** 94%**Cleanup Method:** EPA 3660B**Cleanup Date:** 12/28/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.3	3.04	1	A
Aroclor 1221	ND		ug/kg	34.3	3.44	1	A
Aroclor 1232	ND		ug/kg	34.3	7.27	1	A
Aroclor 1242	ND		ug/kg	34.3	4.62	1	A
Aroclor 1248	ND		ug/kg	34.3	5.14	1	A
Aroclor 1254	ND		ug/kg	34.3	3.75	1	A
Aroclor 1260	ND		ug/kg	34.3	6.34	1	A
Aroclor 1262	ND		ug/kg	34.3	4.36	1	A
Aroclor 1268	ND		ug/kg	34.3	3.55	1	A
PCBs, Total	ND		ug/kg	34.3	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS****Lab ID:** L2169693-02**Date Collected:** 12/17/21 07:15**Client ID:** EP-D1**Date Received:** 12/17/21**Sample Location:** 1454 39TH STREET, BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 3546**Analytical Method:** 1,8082A**Extraction Date:** 12/27/21 20:03**Analytical Date:** 12/28/21 12:52**Cleanup Method:** EPA 3665A**Analyst:** JWJ**Cleanup Date:** 12/28/21**Percent Solids:** 94%**Cleanup Method:** EPA 3660B**Cleanup Date:** 12/28/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.48	1	A
Aroclor 1232	ND		ug/kg	34.8	7.37	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.80	1	A
Aroclor 1260	ND		ug/kg	34.8	6.42	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.60	1	A
PCBs, Total	ND		ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-03
Client ID: EP-D1 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/28/21 12:59
Analyst: JWL
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/27/21 20:03
Cleanup Method: EPA 3665A
Cleanup Date: 12/28/21
Cleanup Method: EPA 3660B
Cleanup Date: 12/28/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.48	1	A
Aroclor 1232	ND		ug/kg	34.8	7.37	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.80	1	A
Aroclor 1260	ND		ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.60	1	A
PCBs, Total	ND		ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/02/22 16:10
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 12/30/21 23:35
Cleanup Method: EPA 3665A
Cleanup Date: 01/02/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 12/28/21 09:34
 Analyst: CW

Extraction Method: EPA 3546
 Extraction Date: 12/27/21 01:43
 Cleanup Method: EPA 3665A
 Cleanup Date: 12/27/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 12/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1587676-1						
Aroclor 1016	ND		ug/kg	32.1	2.85	A
Aroclor 1221	ND		ug/kg	32.1	3.22	A
Aroclor 1232	ND		ug/kg	32.1	6.81	A
Aroclor 1242	ND		ug/kg	32.1	4.33	A
Aroclor 1248	ND		ug/kg	32.1	4.82	A
Aroclor 1254	ND		ug/kg	32.1	3.52	A
Aroclor 1260	ND		ug/kg	32.1	5.94	A
Aroclor 1262	ND		ug/kg	32.1	4.08	A
Aroclor 1268	ND		ug/kg	32.1	3.33	A
PCBs, Total	ND		ug/kg	32.1	2.85	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 12/30/21 14:28
 Analyst: JWL

Extraction Method: EPA 3510C
 Extraction Date: 12/30/21 01:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 12/30/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 12/30/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04 Batch: WG1589030-1						
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	81		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1587676-2 WG1587676-3									
Aroclor 1016	66		56		40-140	16		50	A
Aroclor 1260	71		61		40-140	15		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		56		30-150	A
Decachlorobiphenyl	84		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		62		30-150	B
Decachlorobiphenyl	88		76		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2169693**Report Date:** 02/15/22

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: WG1589030-2 WG1589030-3									
Aroclor 1016	94		85		40-140	11		50	A
Aroclor 1260	94		85		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		81		30-150	A
Decachlorobiphenyl	99		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		77		30-150	B
Decachlorobiphenyl	89		80		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2169693**Report Date:** 02/15/22

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): 01-03 QC Batch ID: WG1587676-4 WG1587676-5 QC Sample: L2169693-01 Client ID: EP-E1													
Aroclor 1016	ND	216	155	72		134	62		40-140	15		50	A
Aroclor 1260	ND	216	129	60		115	53		40-140	11		50	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		61		30-150	A
Decachlorobiphenyl	47		40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		60		30-150	B
Decachlorobiphenyl	54		48		30-150	B

PESTICIDES

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-01
Client ID: EP-E1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/29/21 13:56
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/27/21 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/29/21

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	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.826	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.328	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-01
Client ID: EP-E1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 12/23/21 10:55
Analyst: AR
Percent Solids: 94%
Methylation Date: 12/22/21 10:38

Extraction Method: EPA 8151A
Extraction Date: 12/21/21 09:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4,5-TP (Silvex)	ND		ug/kg	177	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	85		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-02
Client ID: EP-D1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:15
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/29/21 14:29
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/27/21 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-02
Client ID: EP-D1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:15
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/03/22 16:57
Analyst: EJJ
Percent Solids: 94%
Methylation Date: 12/22/21 10:38

Extraction Method: EPA 8151A
Extraction Date: 12/21/21 09:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	174	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	75		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-03
Client ID: EP-D1 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/29/21 14:40
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/27/21 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.689	0.308	1	A
Alpha-BHC	ND		ug/kg	0.689	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.627	1	A
Heptachlor	ND		ug/kg	0.827	0.371	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Endrin	ND		ug/kg	0.689	0.282	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.590	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.391	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.689	0.328	1	A
cis-Chlordane	ND		ug/kg	2.07	0.576	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-03
Client ID: EP-D1 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/03/22 17:15
Analyst: EJJ
Percent Solids: 94%
Methylation Date: 12/22/21 10:38

Extraction Method: EPA 8151A
Extraction Date: 12/21/21 09:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	176	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	80		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/24/21 19:50
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 12/23/21 08:00

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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	29	Q	30-150	A
Decachlorobiphenyl	19	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	25	Q	30-150	B
Decachlorobiphenyl	15	Q	30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 01/03/22 17:34
Analyst: EJJ

Extraction Method: EPA 8151A
Extraction Date: 12/22/21 03:12

Methylation Date: 12/23/21 21:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	69		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04 RE
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/29/21 12:46
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 12/28/21 08:33

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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 12/22/21 16:37
 Analyst: AR

Extraction Method: EPA 8151A
 Extraction Date: 12/21/21 09:46

Methylation Date: 12/22/21 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1585950-1						
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	90		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 12/24/21 12:11
 Analyst: EJJ

Extraction Method: EPA 8151A
 Extraction Date: 12/22/21 03:12

Methylation Date: 12/23/21 21:59

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 04 Batch: WG1586391-1						
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	71		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/24/21 10:47
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 12/23/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04 Batch: WG1587098-1						
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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	29	Q	30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	26	Q	30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/28/21 14:57
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 12/27/21 02:05
Cleanup Method: EPA 3620B
Cleanup Date: 12/28/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1587681-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.642	0.287	A
Alpha-BHC	ND		ug/kg	0.642	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.584	A
Heptachlor	ND		ug/kg	0.771	0.346	A
Aldrin	ND		ug/kg	1.54	0.543	A
Endrin	ND		ug/kg	0.642	0.263	A
Dieldrin	ND		ug/kg	0.963	0.482	A
4,4'-DDE	ND		ug/kg	1.54	0.356	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	0.642	0.306	A
cis-Chlordane	ND		ug/kg	1.93	0.537	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/29/21 12:08
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 12/28/21 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04 Batch: WG1588199-1						
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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

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: WG1585950-2 WG1585950-3									
2,4,5-TP (Silvex)	87		84		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	104		107		30-150	A
DCAA	104		100		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1586391-2 WG1586391-3									
2,4,5-TP (Silvex)	82		80		30-150	2		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	85		83		30-150	A
DCAA	99		94		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1587098-2 WG1587098-3									
Delta-BHC	17	Q	17	Q	30-150	1		20	A
Lindane	26	Q	26	Q	30-150	1		20	A
Alpha-BHC	24	Q	24	Q	30-150	0		20	A
Beta-BHC	31		29	Q	30-150	5		20	A
Heptachlor	28	Q	28	Q	30-150	3		20	A
Aldrin	25	Q	28	Q	30-150	8		20	A
Endrin	27	Q	28	Q	30-150	6		20	A
Dieldrin	28	Q	30		30-150	7		20	A
4,4'-DDE	27	Q	28	Q	30-150	6		20	A
4,4'-DDD	29	Q	31		30-150	9		20	A
4,4'-DDT	26	Q	28	Q	30-150	7		20	A
Endosulfan I	25	Q	27	Q	30-150	7		20	A
Endosulfan II	29	Q	31		30-150	9		20	A
Endosulfan sulfate	25	Q	29	Q	30-150	12		20	A
cis-Chlordane	23	Q	24	Q	30-150	6		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	28	Q	27	Q	30-150	A
Decachlorobiphenyl	34		39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	24	Q	26	Q	30-150	B
Decachlorobiphenyl	29	Q	31		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1587681-2 WG1587681-3									
Delta-BHC	55		54		30-150	2		30	A
Lindane	91		91		30-150	0		30	A
Alpha-BHC	85		85		30-150	0		30	A
Beta-BHC	108		86		30-150	23		30	A
Heptachlor	96		96		30-150	0		30	A
Aldrin	89		89		30-150	0		30	A
Endrin	93		93		30-150	0		30	A
Dieldrin	94		94		30-150	0		30	A
4,4'-DDE	84		85		30-150	1		30	A
4,4'-DDD	96		95		30-150	1		30	A
4,4'-DDT	99		97		30-150	2		30	A
Endosulfan I	82		82		30-150	0		30	A
Endosulfan II	93		92		30-150	1		30	A
Endosulfan sulfate	78		79		30-150	1		30	A
cis-Chlordane	74		73		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		78		30-150	A
Decachlorobiphenyl	121		120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		88		30-150	B
Decachlorobiphenyl	128		128		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1588199-2 WG1588199-3									
Delta-BHC	42		48		30-150	13		20	A
Lindane	66		72		30-150	9		20	A
Alpha-BHC	59		71		30-150	18		20	A
Beta-BHC	80		91		30-150	13		20	A
Heptachlor	68		76		30-150	12		20	A
Aldrin	76		86		30-150	13		20	A
Endrin	82		93		30-150	13		20	A
Dieldrin	71		81		30-150	14		20	A
4,4'-DDE	69		82		30-150	16		20	A
4,4'-DDD	74		85		30-150	14		20	A
4,4'-DDT	67		76		30-150	13		20	A
Endosulfan I	64		72		30-150	13		20	A
Endosulfan II	69		83		30-150	18		20	A
Endosulfan sulfate	69		80		30-150	15		20	A
cis-Chlordane	67		81		30-150	18		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		86		30-150	A
Decachlorobiphenyl	73		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		62		30-150	B
Decachlorobiphenyl	59		74		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

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): 01-03 QC Batch ID: WG1585950-6 WG1585950-7 QC Sample: L2169693-01 Client ID: EP-E1													
2,4,5-TP (Silvex)	ND	178	153J	86		149J	85		30-150	3		30	A

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
DCAA	98		97		30-150	A
DCAA	97		88		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1587681-4 WG1587681-5 QC Sample: L2169693-01 Client ID: EP-E1													
Delta-BHC	ND	34.2	17.4	51		15.6	46		30-150	11		50	A
Lindane	ND	34.2	30.4	89		28.0	82		30-150	8		50	A
Alpha-BHC	ND	34.2	28.2	83		26.2	76		30-150	7		50	A
Beta-BHC	ND	34.2	30.0	88		26.6	78		30-150	12		50	A
Heptachlor	ND	34.2	32.1	94		30.5	89		30-150	5		50	A
Aldrin	ND	34.2	29.5	86		27.9	81		30-150	6		50	A
Endrin	ND	34.2	29.9	88		27.9	81		30-150	7		50	A
Dieldrin	ND	34.2	30.5	89		28.6	83		30-150	6		50	A
4,4'-DDE	ND	34.2	27.5	80		26.0	76		30-150	6		50	A
4,4'-DDD	ND	34.2	30.8	90		28.7	84		30-150	7		50	A
4,4'-DDT	ND	34.2	31.5	92		29.5	86		30-150	7		50	A
Endosulfan I	ND	34.2	26.9	79		25.5	74		30-150	5		50	A
Endosulfan II	ND	34.2	29.9	88		27.9	81		30-150	7		50	A
Endosulfan sulfate	ND	34.2	22.8	67		21.3	62		30-150	7		50	A
cis-Chlordane	ND	34.2	24.1	71		22.7	66		30-150	6		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		67		30-150	A
Decachlorobiphenyl	104		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		67		30-150	B
Decachlorobiphenyl	92		85		30-150	B

METALS

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-01

Date Collected: 12/17/21 07:35

Client ID: EP-E1

Date Received: 12/17/21

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.17		mg/kg	0.410	0.085	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Barium, Total	32.5		mg/kg	0.410	0.071	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Beryllium, Total	0.283		mg/kg	0.205	0.014	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.410	0.040	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Chromium, Total	12.4		mg/kg	0.410	0.039	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Copper, Total	20.3		mg/kg	0.410	0.106	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Lead, Total	6.77		mg/kg	2.05	0.110	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Manganese, Total	239		mg/kg	0.410	0.065	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Mercury, Total	0.063	J	mg/kg	0.068	0.044	1	12/31/21 13:00	01/04/22 12:49	EPA 7471B	1,7471B	AC
Nickel, Total	56.8		mg/kg	1.03	0.099	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.821	0.106	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.410	0.116	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
Zinc, Total	27.0		mg/kg	2.05	0.120	1	12/31/21 07:15	01/05/22 20:21	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12		mg/kg	0.85	0.85	1		01/05/22 20:21	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-02

Date Collected: 12/17/21 07:15

Client ID: EP-D1

Date Received: 12/17/21

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.38		mg/kg	0.418	0.087	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Barium, Total	22.1		mg/kg	0.418	0.073	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Beryllium, Total	0.163	J	mg/kg	0.209	0.014	1	12/31/21 07:15	01/05/22 23:29	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.418	0.041	1	12/31/21 07:15	01/05/22 23:29	EPA 3050B	1,6010D	MC
Chromium, Total	7.99		mg/kg	0.418	0.040	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Copper, Total	11.2		mg/kg	0.418	0.108	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Lead, Total	6.02		mg/kg	2.09	0.112	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Manganese, Total	99.3		mg/kg	0.418	0.066	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Mercury, Total	0.052	J	mg/kg	0.067	0.044	1	12/31/21 13:00	01/04/22 13:03	EPA 7471B	1,7471B	AC
Nickel, Total	28.5		mg/kg	1.04	0.101	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.836	0.108	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.418	0.118	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
Zinc, Total	22.8		mg/kg	2.09	0.122	1	12/31/21 07:15	01/05/22 21:28	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.0		mg/kg	0.85	0.85	1		01/05/22 21:28	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-03

Date Collected: 12/17/21 07:20

Client ID: EP-D1 DUPLICATE

Date Received: 12/17/21

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.88		mg/kg	0.414	0.086	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Barium, Total	18.1		mg/kg	0.414	0.072	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Beryllium, Total	0.128	J	mg/kg	0.207	0.014	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Cadmium, Total	0.207	J	mg/kg	0.414	0.041	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Chromium, Total	6.59		mg/kg	0.414	0.040	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Copper, Total	7.79		mg/kg	0.414	0.107	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Lead, Total	3.34		mg/kg	2.07	0.111	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Manganese, Total	105		mg/kg	0.414	0.066	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Mercury, Total	0.052	J	mg/kg	0.067	0.044	1	12/31/21 13:00	01/04/22 13:06	EPA 7471B	1,7471B	AC
Nickel, Total	27.9		mg/kg	1.03	0.100	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.827	0.107	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.414	0.117	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
Zinc, Total	14.7		mg/kg	2.07	0.121	1	12/31/21 09:00	01/05/22 20:39	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	6.6		mg/kg	0.85	0.85	1		01/05/22 20:39	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2169693-04

Date Collected: 12/17/21 08:00

Client ID: FIELD BLANK 12/17/21

Date Received: 12/17/21

Sample Location: 1454 39TH STREET, 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											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Barium, Total	ND		mg/l	0.00050	0.00017	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Copper, Total	ND		mg/l	0.00100	0.00038	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Lead, Total	ND		mg/l	0.00100	0.00034	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Manganese, Total	0.00093	J	mg/l	0.00100	0.00044	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	01/03/22 19:07	01/04/22 14:17	EPA 7470A	1,7470A	AC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/03/22 18:23	01/05/22 17:34	EPA 3005A	1,6020B	WP
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		01/05/22 17:34	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311

Lab Number: L2169693

Project Number: 16390

Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1588693-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Manganese, Total	ND		mg/kg	0.400	0.064	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/31/21 07:15	01/05/22 19:59	1,6010D	MC

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: WG1588694-1										
Mercury, Total	0.057	J	mg/kg	0.083	0.054	1	12/31/21 13:00	01/04/22 12:43	1,7471B	AC

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): 03 Batch: WG1588777-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC



Project Name: 39TH STREET BCP SITE #C224311

Lab Number: L2169693

Project Number: 16390

Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Chromium, Total	0.300	J	mg/kg	0.400	0.038	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Manganese, Total	ND		mg/kg	0.400	0.064	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Nickel, Total	0.160	J	mg/kg	1.00	0.097	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/31/21 09:00	01/05/22 20:16	1,6010D	MC

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): 04 Batch: WG1589344-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Barium, Total	ND		mg/l	0.00050	0.00017	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Copper, Total	ND		mg/l	0.00100	0.00038	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Lead, Total	ND		mg/l	0.00100	0.00034	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/03/22 18:23	01/05/22 17:23	1,6020B	WP

Prep Information

Digestion Method: EPA 3005A



Project Name: 39TH STREET BCP SITE #C224311

Lab Number: L2169693

Project Number: 16390

Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04 Batch: WG1589345-1										
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	01/03/22 19:07	01/04/22 14:00	1,7470A	AC

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1588693-2 SRM Lot Number: D113-540								
Arsenic, Total	92		-		70-130	-		
Barium, Total	87		-		75-125	-		
Beryllium, Total	95		-		75-125	-		
Cadmium, Total	81		-		75-125	-		
Chromium, Total	90		-		70-130	-		
Copper, Total	91		-		75-125	-		
Lead, Total	87		-		72-128	-		
Manganese, Total	87		-		77-123	-		
Nickel, Total	88		-		70-130	-		
Selenium, Total	91		-		66-134	-		
Silver, Total	91		-		70-131	-		
Zinc, Total	87		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1588694-2 SRM Lot Number: D113-540								
Mercury, Total	92		-		60-140	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1588777-2 SRM Lot Number: D113-540					
Arsenic, Total	100	-	70-130	-	
Barium, Total	96	-	75-125	-	
Beryllium, Total	105	-	75-125	-	
Cadmium, Total	102	-	75-125	-	
Chromium, Total	101	-	70-130	-	
Copper, Total	102	-	75-125	-	
Lead, Total	100	-	72-128	-	
Manganese, Total	99	-	77-123	-	
Nickel, Total	100	-	70-130	-	
Selenium, Total	98	-	66-134	-	
Silver, Total	99	-	70-131	-	
Zinc, Total	97	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1589344-2					
Arsenic, Total	102	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	111	-	80-120	-	
Cadmium, Total	106	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Copper, Total	99	-	80-120	-	
Lead, Total	101	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Selenium, Total	100	-	80-120	-	
Silver, Total	105	-	80-120	-	
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1589345-2					
Mercury, Total	106	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1588693-3 WG1588693-4 QC Sample: L2169693-01 Client ID: EP-E1												
Arsenic, Total	2.17	9.92	9.08	70	Q	9.24	71	Q	75-125	2		20
Barium, Total	32.5	165	152	72	Q	154	73	Q	75-125	1		20
Beryllium, Total	0.283	4.13	3.43	76		3.46	76		75-125	1		20
Cadmium, Total	ND	4.38	2.34	53	Q	2.44	55	Q	75-125	4		20
Chromium, Total	12.4	16.5	23.8	69	Q	26.8	87		75-125	12		20
Copper, Total	20.3	20.7	32.6	60	Q	35.0	71	Q	75-125	7		20
Lead, Total	6.77	43.8	34.3	63	Q	35.6	66	Q	75-125	4		20
Manganese, Total	239	41.3	264	60	Q	268	70	Q	75-125	2		20
Nickel, Total	56.8	41.3	73.0	39	Q	88.2	76		75-125	19		20
Selenium, Total	ND	9.92	6.65	67	Q	6.81	68	Q	75-125	2		20
Silver, Total	ND	24.8	18.2	73	Q	18.4	74	Q	75-125	1		20
Zinc, Total	27.0	41.3	61.4	83		56.0	70	Q	75-125	9		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1588694-3 WG1588694-4 QC Sample: L2169693-01 Client ID: EP-E1												
Mercury, Total	0.063J	0.135	0.176	130	Q	0.129	96		80-120	31	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1588777-3 QC Sample: L2169693-03 Client ID: EP-D1 DUPLICATE									
Arsenic, Total	1.88	9.9	10.5	87	-	-	75-125	-	20
Barium, Total	18.1	165	151	80	-	-	75-125	-	20
Beryllium, Total	0.128J	4.12	3.47	84	-	-	75-125	-	20
Cadmium, Total	0.207J	4.37	3.60	82	-	-	75-125	-	20
Chromium, Total	6.59	16.5	19.0	75	-	-	75-125	-	20
Copper, Total	7.79	20.6	24.7	82	-	-	75-125	-	20
Lead, Total	3.34	43.7	36.8	76	-	-	75-125	-	20
Manganese, Total	105	41.2	139	82	-	-	75-125	-	20
Nickel, Total	27.9	41.2	56.4	69	Q	-	75-125	-	20
Selenium, Total	ND	9.9	7.55	76	-	-	75-125	-	20
Silver, Total	ND	24.7	19.4	78	-	-	75-125	-	20
Zinc, Total	14.7	41.2	46.0	76	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1589344-3 QC Sample: L2169693-04 Client ID: FIELD BLANK 12/17/21									
Arsenic, Total	ND	0.12	0.1189	99	-	-	75-125	-	20
Barium, Total	ND	2	1.980	99	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05133	103	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.05573	105	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.1934	97	-	-	75-125	-	20
Copper, Total	ND	0.25	0.2359	94	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5151	97	-	-	75-125	-	20
Manganese, Total	0.00093J	0.5	0.4886	98	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4677	94	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.122	102	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05099	102	-	-	75-125	-	20
Zinc, Total	ND	0.5	0.4404	88	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1589345-3 QC Sample: L2169771-01 Client ID: MS Sample									
Mercury, Total	0.00013J	0.005	0.00471	94	-	-	75-125	-	20

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2169693
Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1588777-4 QC Sample: L2169693-03 Client ID: EP-D1 DUPLICATE						
Arsenic, Total	1.88	2.10	mg/kg	11		20
Barium, Total	18.1	20.2	mg/kg	11		20
Beryllium, Total	0.128J	0.154J	mg/kg	NC		20
Cadmium, Total	0.207J	0.233J	mg/kg	NC		20
Chromium, Total	6.59	8.22	mg/kg	22	Q	20
Copper, Total	7.79	9.31	mg/kg	18		20
Lead, Total	3.34	3.56	mg/kg	6		20
Manganese, Total	105	146	mg/kg	33	Q	20
Nickel, Total	27.9	31.6	mg/kg	12		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	14.7	19.8	mg/kg	30	Q	20

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2169693
Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1589344-4 QC Sample: L2169693-04 Client ID: FIELD BLANK 12/17/21					
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	ND	ND	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Manganese, Total	0.00093J	0.00087J	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1589345-4 QC Sample: L2169771-01 Client ID: DUP Sample					
Mercury, Total	0.00013J	0.00018J	mg/l	NC	20

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2169693
Report Date: 02/15/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1588693-6 QC Sample: L2169693-01 Client ID: EP-E1						
Barium, Total	32.5	43.6	mg/kg	34	Q	20
Chromium, Total	12.4	17.0	mg/kg	37	Q	20
Copper, Total	20.3	26.5	mg/kg	31	Q	20
Manganese, Total	239	328	mg/kg	37	Q	20
Nickel, Total	56.8	79.0	mg/kg	39	Q	20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1588777-6 QC Sample: L2169693-03 Client ID: EP-D1 DUPLICATE						
Barium, Total	18.1	22.3	mg/kg	23	Q	20
Manganese, Total	105	134	mg/kg	28	Q	20
Nickel, Total	27.9	35.1	mg/kg	26	Q	20

INORGANICS & MISCELLANEOUS

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-01
Client ID: EP-E1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:35
Date Received: 12/17/21
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	93.7		%	0.100	NA	1	-	12/18/21 13:18	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/28/21 14:25	12/28/21 16:38	1,9010C/9012B	
Chromium, Hexavalent	ND		mg/kg	0.854	0.171	1	12/29/21 17:47	01/01/22 10:30	1,7196A	JT



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-02
Client ID: EP-D1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:15
Date Received: 12/17/21
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	93.8		%	0.100	NA	1	-	12/18/21 13:18	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/29/21 09:30	12/29/21 14:22	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.853	0.170	1	12/29/21 17:47	01/01/22 10:30	1,7196A	JT



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-03
Client ID: EP-D1 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 07:20
Date Received: 12/17/21
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	93.7		%	0.100	NA	1	-	12/18/21 13:18	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	12/29/21 09:30	12/29/21 14:23	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.854	0.171	1	12/29/21 17:47	01/01/22 10:30	1,7196A	JT



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2169693
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2169693-04
Client ID: FIELD BLANK 12/17/21
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 12/17/21 08:00
Date Received: 12/17/21
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										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/30/21 13:50	12/30/21 17:02	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/18/21 07:05	12/18/21 07:13	1,7196A	KA



Project Name: 39TH STREET BCP SITE #C224311

Lab Number: L2169693

Project Number: 16390

Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG1584919-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/18/21 07:05	12/18/21 07:12	1,7196A	KA
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1587935-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	12/29/21 17:47	01/01/22 10:30	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1588249-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	12/28/21 14:25	12/28/21 16:09	1,9010C/9012B	
General Chemistry - Westborough Lab for sample(s): 02-03 Batch: WG1588657-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	12/29/21 09:30	12/29/21 14:18	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG1588779-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/30/21 13:50	12/30/21 16:56	1,9010C/9012B	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1584919-2								
Chromium, Hexavalent	104		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1587935-2								
Chromium, Hexavalent	80		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1588249-2 WG1588249-3								
Cyanide, Total	74	Q	73	Q	80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 02-03 Batch: WG1588657-2 WG1588657-3								
Cyanide, Total	24	Q	67	Q	80-120	90	Q	35
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1588779-2 WG1588779-3								
Cyanide, Total	99		100		85-115	1		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2169693

Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1584919-4 QC Sample: L2169693-04 Client ID: FIELD BLANK 12/17/21												
Chromium, Hexavalent	ND	0.1	0.104	104		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1587935-4 WG1587935-5 QC Sample: L2169693-01 Client ID: EP-E1												
Chromium, Hexavalent	ND	1230	1230	100		994	105		75-125	5		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1588249-4 WG1588249-5 QC Sample: L2169693-01 Client ID: EP-E1												
Cyanide, Total	ND	10	8.1	81		8.6	84		75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1588779-4 WG1588779-5 QC Sample: L2169771-02 Client ID: MS Sample												
Cyanide, Total	0.003J	0.2	0.155	78	Q	0.191	96		80-120	21	Q	20

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2169693
Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1584919-3 QC Sample: L2169693-04 Client ID: FIELD BLANK 12/17/21						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1584983-1 QC Sample: L2169693-01 Client ID: EP-E1						
Solids, Total	93.7	93.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1587935-7 QC Sample: L2169693-01 Client ID: EP-E1						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 39TH STREET BCP SITE #C224311
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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(*)
L2169693-01A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2169693-01A1	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2169693-01A2	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2169693-01B	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-01B1	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-01B2	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-01C	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-01C1	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-01C2	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-01D	Plastic 2oz unpreserved for TS	A	NA		2.0	Y	Absent		TS(7)
L2169693-01D1	Plastic 2oz unpreserved for TS	A	NA		2.0	Y	Absent		TS(7)
L2169693-01D2	Plastic 2oz unpreserved for TS	A	NA		2.0	Y	Absent		TS(7)
L2169693-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2169693-01E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2169693-01E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2169693-01F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		HEXCR-7196(30)
L2169693-01F1	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169693-01F2	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		HEXCR-7196(30)
L2169693-01G	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-01G1	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-01G2	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-01H	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-01I	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-02A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2169693-02B	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-02C	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-02D	Plastic 2oz unpreserved for TS	A	NA		2.0	Y	Absent		TS(7)
L2169693-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2169693-02F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		HEXCR-7196(30)
L2169693-02G	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-03A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2169693-03B	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-03C	Vial water preserved	A	NA		2.0	Y	Absent	18-DEC-21 00:33	NYTCL-8260HLW(14)
L2169693-03D	Plastic 2oz unpreserved for TS	A	NA		2.0	Y	Absent		TS(7)
L2169693-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2169693-03F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		HEXCR-7196(30)
L2169693-03G	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-03H	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2169693-03I	Glass 500ml/16oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169693-04A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2169693-04B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2169693-04C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2169693-04D	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8082-LVI(365)
L2169693-04E	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8082-LVI(365)
L2169693-04F	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2169693-04G	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2169693-04H	Plastic 250ml unpreserved	A	7	7	2.0	Y	Absent		HEXCR-7196(1)
L2169693-04I	Plastic 250ml HNO3 preserved	A	<2	<2	2.0	Y	Absent		BA-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2169693-04J	Plastic 250ml NaOH preserved	A	>12	>12	2.0	Y	Absent		TCN-9010(14)
L2169693-04K	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-LVI(7)
L2169693-04L	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-LVI(7)
L2169693-04M	Amber 1000ml unpreserved	A	7	7	2.0	Y	Absent		HERB-APA(7)
L2169693-04N	Amber 1000ml unpreserved	A	7	7	2.0	Y	Absent		HERB-APA(7)
L2169693-05A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2169693-05B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2169693**Project Number:** 16390**Report Date:** 02/15/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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

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: 39TH STREET BCP SITE #C224311
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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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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Lab Number: L2169693
Report Date: 02/15/22

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.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 19

Department: **Quality Assurance**

Published Date: 4/2/2021 1:14:23 PM

Title: **Certificate/Approval Program Summary**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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

Page 1
of 1

Date Rec'd
in Lab

ALPHA Job #

Mansfield, MA 02042
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Email: kkleaka@

Turn-Around Time

of Days:

Please specify Metals or TAL.

☐ NYC Sewer Discharge

PO

☐ Other:

(Please Specify below)

Sample Specific Comments
1. The sample is a 100% pure substance, as indicated by the single sharp peak in the mass spectrum. 2. The molecular ion peak is observed at m/z 100, which is consistent with the molecular formula C₈H₈. 3. The base peak is at m/z 77, which is characteristic of the phenyl cation. 4. The fragmentation pattern is consistent with the structure of toluene.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible]

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

Mansfield: Certification No: MA015

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

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

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:	L2204138
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Kevin Kleaka
Phone:	(631) 269-8800
Project Name:	39TH STREET BCP SITE #C224311
Project Number:	16390
Report Date:	02/15/22

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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: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2204138-01	EP-C1	SOIL	1454 39TH STREET, BROOKLYN, NY	01/25/22 09:10	01/25/22
L2204138-02	EP-C2	SOIL	1454 39TH STREET, BROOKLYN, NY	01/25/22 09:45	01/25/22
L2204138-03	EP-C3	SOIL	1454 39TH STREET, BROOKLYN, NY	01/25/22 09:45	01/25/22
L2204138-04	EP-C3 DUPLICATE	SOIL	1454 39TH STREET, BROOKLYN, NY	01/25/22 09:45	01/25/22
L2204138-05	EP-B2	SOIL	1454 39TH STREET, BROOKLYN, NY	01/25/22 10:15	01/25/22
L2204138-06	EP-B3	SOIL	1454 39TH STREET, BROOKLYN, NY	01/25/22 10:25	01/25/22
L2204138-07	EP-A3	SOIL	1454 39TH STREET, BROOKLYN, NY	01/25/22 10:45	01/25/22
L2204138-08	FIELD BLANK	WATER	1454 39TH STREET, BROOKLYN, NY	01/25/22 11:00	01/25/22
L2204138-09	TRIP BLANK	WATER	1454 39TH STREET, BROOKLYN, NY	01/24/22 00:00	01/25/22

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Case Narrative (continued)

Report Revision

February 15, 2022: The Volatile and Semivolatile Organic analyses have been amended to include TICs.

Report Submission

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

Sample Receipt

The collection times were obtained from the container labels.

L2204138-08: A sample container identified as "HERB-APA" was listed on the Chain of Custody, but not received. This was verified by the client.

Semivolatile Organics

The WG1599542-1 Method Blank, associated with L2204138-08, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

Pesticides

L2204138-08: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (24%,19%) and decachlorobiphenyl (24%,20%) ; however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

The surrogate recoveries for the WG1599466-1 Method Blank, associated with L2204138-08, are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (23%, 28%) and decachlorobiphenyl (26%). The associated samples were re-extracted outside of holding time. The results of both extractions are reported.

The WG1599466-2/-3 LCS/LCSD recoveries, associated with L2204138-08, were outside the acceptance criteria for individual target compounds; however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all results are considered to have a

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Case Narrative (continued)

potentially high bias for and a potentially low bias for delta-bhc (22%/20%), lindane (25%/23%), alpha-bhc (30%/25%), heptachlor (27%LCSD), aldrin (28%/25%), dieldrin (27%/25%), 4,4'-dde (27%/25%), 4,4'-ddd (28%LCSD), 4,4'-ddt (27%/26%), endosulfan i (26%/24%), endosulfan ii (28%LCSD), endosulfan sulfate (28%LCSD) and cis-chlordane (27%/26%).

Total Metals

The WG1599404-3 MS recovery, performed on L2204138-02, is outside the acceptance criteria for barium (73%) A post digestion spike was performed and was within acceptance criteria.

The WG1599404-3/-4 MS/MSD recoveries, performed on L2204138-02, are outside the acceptance criteria for cadmium (69%/69%), copper (71%MS) and lead (70%/70%). A post digestion spike was performed and yielded unacceptable recoveries for cadmium (65%/65%), copper (70%MS) and lead (72%/72%). The serial dilution recoveries were not applicable; therefore, these elements fails the matrix test and the results reported in the native samples should be considered estimated.

The WG1599404-3/-4 MS/MSD recoveries, performed on L2204138-02, are outside the acceptance criteria for chromium (44%/48%) and nickel (41%/48%). A post digestion spike was performed and yielded unacceptable recoveries for chromium (66%/66%) nickel (59%/59%). The serial dilution recoveries were not acceptable; therefore, these element fails the matrix test and the results reported in the native sample should be considered estimated.

The WG1599404-6 serial dilution analysis, associated with L2204138-02, had a %D above the acceptance criteria for barium (23%), chromium (29%), manganese (24%) and nickel (33%).

The WG1599404-3 MS recovery for manganese (38%), performed on L2204138-02, does not apply because the sample concentration is greater than four times the spike amount added.

Cyanide, Total

The WG1600958-2/-3 LCS/LCSD recovery for cyanide, total (60%/74%), associated with L2204138-01 through -07, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:

Cristin Walker Cristin Walker

Title: Technical Director/Representative

Date: 02/15/22

ORGANICS

VOLATILES

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-01
Client ID: EP-C1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:10
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/03/22 01:27
Analyst: KTD
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Benzene	2.6		ug/kg	0.53	0.18	1
Toluene	14		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
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
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Acetone	5.8	J	ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.4	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
n-Propylbenzene	ND		ug/kg	1.1	0.18	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-01
Client ID: EP-C1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:10
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-02
Client ID: EP-C2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/03/22 01:53
Analyst: KTD
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	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
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	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
Vinyl chloride	ND		ug/kg	1.0	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Acetone	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.2	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
n-Propylbenzene	ND		ug/kg	1.0	0.17	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-02
Client ID: EP-C2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-03
Client ID: EP-C3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/03/22 02:19
Analyst: KTD
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	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
Vinyl chloride	ND		ug/kg	1.0	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Acetone	ND		ug/kg	10	5.1	1
2-Butanone	6.6	J	ug/kg	10	2.3	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
n-Propylbenzene	ND		ug/kg	1.0	0.18	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-03
Client ID: EP-C3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-04
Client ID: EP-C3 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/03/22 02:45
Analyst: KTD
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	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
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
Acetone	ND		ug/kg	10	4.8	1
2-Butanone	9.4	J	ug/kg	10	2.2	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-04
Client ID: EP-C3 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-05
 Client ID: EP-B2
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:15
 Date Received: 01/25/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 02/03/22 03:11
 Analyst: KTD
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Acetone	8.2	J	ug/kg	10	5.0	1
2-Butanone	ND		ug/kg	10	2.3	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-05
Client ID: EP-B2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:15
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-06
 Client ID: EP-B3
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:25
 Date Received: 01/25/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 02/03/22 03:37
 Analyst: KTD
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Acetone	ND		ug/kg	10	5.0	1
2-Butanone	ND		ug/kg	10	2.3	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-06
Client ID: EP-B3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:25
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-07
Client ID: EP-A3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/03/22 04:03
Analyst: KTD
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
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	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Acetone	13		ug/kg	9.9	4.8	1
2-Butanone	ND		ug/kg	9.9	2.2	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
n-Propylbenzene	ND		ug/kg	0.99	0.17	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-07
Client ID: EP-A3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-08
 Client ID: FIELD BLANK
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
 Date Received: 01/25/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/01/22 20:52
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	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
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
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	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
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-08
Client ID: FIELD BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

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

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-09
Client ID: TRIP BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/24/22 00:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/01/22 20:29
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	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
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
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	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
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-09
Client ID: TRIP BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/24/22 00:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/01/22 20:06
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1600631-5					
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
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	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
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
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
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Acetone	ND		ug/l	5.0	1.5
2-Butanone	ND		ug/l	5.0	1.9
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
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/01/22 20:06
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1600631-5					
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/02/22 19:49
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07 Batch: WG1601061-5					
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
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	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
Vinyl chloride	ND		ug/kg	1.0	0.34
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
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
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
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/02/22 19:49
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07 Batch: WG1601061-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1600631-3 WG1600631-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	96		98		70-130	2		20
Carbon tetrachloride	96		96		63-132	0		20
Tetrachloroethene	98		98		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	96		97		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	98		98		70-130	0		20
Ethylbenzene	97		97		70-130	0		20
Vinyl chloride	110		110		55-140	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	97		97		70-130	0		20
1,4-Dichlorobenzene	97		96		70-130	1		20
Methyl tert butyl ether	97		100		63-130	3		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Acetone	110		170	Q	58-148	43	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1600631-3 WG1600631-4								
2-Butanone	110		140	Q	63-138	24	Q	20
n-Butylbenzene	98		98		53-136	0		20
sec-Butylbenzene	97		99		70-130	2		20
tert-Butylbenzene	97		97		70-130	0		20
n-Propylbenzene	100		99		69-130	1		20
1,3,5-Trimethylbenzene	96		96		64-130	0		20
1,2,4-Trimethylbenzene	96		95		70-130	1		20
1,4-Dioxane	118		124		56-162	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07 Batch: WG1601061-3 WG1601061-4								
Methylene chloride	86		89		70-130	3		30
1,1-Dichloroethane	95		95		70-130	0		30
Chloroform	91		96		70-130	5		30
Carbon tetrachloride	102		101		70-130	1		30
Tetrachloroethene	106		101		70-130	5		30
Chlorobenzene	100		99		70-130	1		30
1,2-Dichloroethane	96		100		70-130	4		30
1,1,1-Trichloroethane	101		100		70-130	1		30
Benzene	99		101		70-130	2		30
Toluene	96		94		70-130	2		30
Ethylbenzene	99		97		70-130	2		30
Vinyl chloride	83		82		67-130	1		30
1,1-Dichloroethene	87		86		65-135	1		30
trans-1,2-Dichloroethene	91		92		70-130	1		30
Trichloroethene	103		103		70-130	0		30
1,2-Dichlorobenzene	99		100		70-130	1		30
1,3-Dichlorobenzene	99		99		70-130	0		30
1,4-Dichlorobenzene	99		99		70-130	0		30
Methyl tert butyl ether	104		113		66-130	8		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	100		99		70-130	1		30
cis-1,2-Dichloroethene	92		93		70-130	1		30
Acetone	98		108		54-140	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07 Batch: WG1601061-3 WG1601061-4								
2-Butanone	106		117		70-130	10		30
n-Butylbenzene	100		97		70-130	3		30
sec-Butylbenzene	102		99		70-130	3		30
tert-Butylbenzene	103		100		70-130	3		30
n-Propylbenzene	102		100		70-130	2		30
1,3,5-Trimethylbenzene	98		97		70-130	1		30
1,2,4-Trimethylbenzene	99		97		70-130	2		30
1,4-Dioxane	104		117		65-136	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		95		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	92		93		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

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): 01-07 QC Batch ID: WG1601061-6 WG1601061-7 QC Sample: L2204138-02 Client ID: EP-C2												
Methylene chloride	ND	97.9	75	76		72	77		70-130	3		30
1,1-Dichloroethane	ND	97.9	83	85		81	86		70-130	3		30
Chloroform	ND	97.9	77	78		74	79		70-130	4		30
Carbon tetrachloride	ND	97.9	86	88		83	88		70-130	4		30
Tetrachloroethene	ND	97.9	69	70		67	71		70-130	3		30
Chlorobenzene	ND	97.9	69	70		66	71		70-130	4		30
1,2-Dichloroethane	ND	97.9	80	81		78	83		70-130	3		30
1,1,1-Trichloroethane	ND	97.9	87	89		83	89		70-130	5		30
Benzene	ND	97.9	83	85		81	86		70-130	3		30
Toluene	ND	97.9	72	74		69	74		70-130	4		30
Ethylbenzene	ND	97.9	65	66	Q	62	67	Q	70-130	3		30
Vinyl chloride	ND	97.9	77	79		79	85		67-130	3		30
1,1-Dichloroethene	ND	97.9	81	83		78	83		65-135	4		30
trans-1,2-Dichloroethene	ND	97.9	78	80		75	80		70-130	4		30
Trichloroethene	ND	97.9	85	86		83	88		70-130	2		30
1,2-Dichlorobenzene	ND	97.9	57	58	Q	57	61	Q	70-130	0		30
1,3-Dichlorobenzene	ND	97.9	52	53	Q	53	56	Q	70-130	1		30
1,4-Dichlorobenzene	ND	97.9	52	54	Q	52	56	Q	70-130	0		30
Methyl tert butyl ether	ND	97.9	91	93		90	97		66-130	1		30
p/m-Xylene	ND	196	130	65	Q	120	66	Q	70-130	4		30
o-Xylene	ND	196	130	66	Q	130	67	Q	70-130	4		30
cis-1,2-Dichloroethene	ND	97.9	78	80		76	81		70-130	3		30
Acetone	ND	97.9	100	103		110	112		54-140	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

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): 01-07 QC Batch ID: WG1601061-6 WG1601061-7 QC Sample: L2204138-02 Client ID: EP-C2												
2-Butanone	ND	97.9	97	99		100	107		70-130	4		30
n-Butylbenzene	ND	97.9	34	35	Q	35	38	Q	70-130	3		30
sec-Butylbenzene	ND	97.9	44	45	Q	44	47	Q	70-130	1		30
tert-Butylbenzene	ND	97.9	52	53	Q	52	55	Q	70-130	0		30
n-Propylbenzene	ND	97.9	52	53	Q	52	56	Q	70-130	0		30
1,3,5-Trimethylbenzene	ND	97.9	50	51	Q	51	54	Q	70-130	1		30
1,2,4-Trimethylbenzene	ND	97.9	50	51	Q	50	54	Q	70-130	1		30
1,4-Dioxane	ND	4900	5400	109		5100	109		65-136	4		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	93		92		70-130
Toluene-d8	96		97		70-130

SEMIVOLATILES

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-01
Client ID: EP-C1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:10
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/22 22:07
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	ND		ug/kg	110	20.	1
Naphthalene	ND		ug/kg	180	22.	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	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Dibenzofuran	ND		ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-01
Client ID: EP-C1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:10
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	321	J	ug/kg	1
Unknown	158	J	ug/kg	1
Unknown	163	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	86		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-02
Client ID: EP-C2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/22 22:31
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	180	21.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Dibenzofuran	ND		ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-02
Client ID: EP-C2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	75		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-03
Client ID: EP-C3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/22 22:55
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	ND		ug/kg	110	20.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Dibenzofuran	ND		ug/kg	180	17.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-03
Client ID: EP-C3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	78		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-04
Client ID: EP-C3 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/22 23:19
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	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
Dibenzofuran	ND		ug/kg	170	16.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-04
Client ID: EP-C3 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	84		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-05
Client ID: EP-B2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:15
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/22 23:44
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	ND		ug/kg	110	20.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Dibenzofuran	ND		ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-05
Client ID: EP-B2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:15
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	76		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-06
Client ID: EP-B3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:25
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/07/22 00:07
Analyst: CMM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	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	26.	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
Dibenzofuran	ND		ug/kg	170	16.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-06
Client ID: EP-B3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:25
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	72		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-07
Client ID: EP-A3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/07/22 00:32
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	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
Dibenzofuran	ND		ug/kg	170	16.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-07
Client ID: EP-A3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	91		18-120

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-08
Client ID: FIELD BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 02/01/22 16:20
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/31/22 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Fluoranthene	ND		ug/l	2.0	0.26	1
Naphthalene	ND		ug/l	2.0	0.46	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
Dibenzofuran	ND		ug/l	2.0	0.50	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: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-08
Client ID: FIELD BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	17.0	J	ug/l	1
Unknown	2.25	J	ug/l	1
Unknown Alkane	2.00	JB	ug/l	1
Unknown Ketone	3.31	JB	ug/l	1
Unknown Organic Acid	5.09	JB	ug/l	1
Unknown Organic Acid	4.36	JB	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	82		41-149

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/01/22 09:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/31/22 03:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG1599542-1					
Acenaphthene	ND		ug/l	2.0	0.44
Hexachlorobenzene	ND		ug/l	2.0	0.46
Fluoranthene	ND		ug/l	2.0	0.26
Naphthalene	ND		ug/l	2.0	0.46
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
Dibenzofuran	ND		ug/l	2.0	0.50
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

Tentatively Identified Compounds

Total TIC Compounds	15.1	J	ug/l
Unknown Alkane	1.82	J	ug/l
Unknown	1.71	J	ug/l



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 02/01/22 09:55
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 01/31/22 03:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG1599542-1					

Tentatively Identified Compounds

Unknown Organic Acid	4.47	J	ug/l
Unknown Alcohol	2.33	J	ug/l
Unknown Organic Acid	4.76	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	55		41-149

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/06/22 20:30
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1601849-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Fluoranthene	ND		ug/kg	98	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Dibenzofuran	ND		ug/kg	160	16.
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.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/06/22 20:30
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/06/22 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1601849-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	94		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1599542-2 WG1599542-3								
Acenaphthene	58		79		37-111	31	Q	30
Hexachlorobenzene	54		79		40-140	38	Q	30
Fluoranthene	62		84		40-140	30		30
Naphthalene	61		77		40-140	23		30
Benzo(a)anthracene	62		85		40-140	31	Q	30
Benzo(a)pyrene	62		86		40-140	32	Q	30
Benzo(b)fluoranthene	66		91		40-140	32	Q	30
Benzo(k)fluoranthene	68		91		40-140	29		30
Chrysene	64		85		40-140	28		30
Acenaphthylene	53		70		45-123	28		30
Anthracene	66		86		40-140	26		30
Benzo(ghi)perylene	66		93		40-140	34	Q	30
Fluorene	57		80		40-140	34	Q	30
Phenanthrene	64		87		40-140	30		30
Dibenzo(a,h)anthracene	65		94		40-140	36	Q	30
Indeno(1,2,3-cd)pyrene	66		94		40-140	35	Q	30
Pyrene	62		82		26-127	28		30
Dibenzofuran	59		79		40-140	29		30
Pentachlorophenol	39		58		9-103	39	Q	30
Phenol	48		62		12-110	25		30
2-Methylphenol	62		78		30-130	23		30
3-Methylphenol/4-Methylphenol	70		83		30-130	17		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2204138**Report Date:** 02/15/22

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1599542-2 WG1599542-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		74		21-120
Phenol-d6	47		60		10-120
Nitrobenzene-d5	57		78		23-120
2-Fluorobiphenyl	50		64		15-120
2,4,6-Tribromophenol	59		81		10-120
4-Terphenyl-d14	64		83		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1601849-2 WG1601849-3								
Acenaphthene	78		84		31-137	7		50
Hexachlorobenzene	83		93		40-140	11		50
Fluoranthene	77		89		40-140	14		50
Naphthalene	76		86		40-140	12		50
Benzo(a)anthracene	75		85		40-140	13		50
Benzo(a)pyrene	84		94		40-140	11		50
Benzo(b)fluoranthene	82		94		40-140	14		50
Benzo(k)fluoranthene	81		93		40-140	14		50
Chrysene	78		88		40-140	12		50
Acenaphthylene	76		87		40-140	13		50
Anthracene	78		89		40-140	13		50
Benzo(ghi)perylene	81		89		40-140	9		50
Fluorene	78		86		40-140	10		50
Phenanthrene	76		87		40-140	13		50
Dibenzo(a,h)anthracene	80		89		40-140	11		50
Indeno(1,2,3-cd)pyrene	80		91		40-140	13		50
Pyrene	76		88		35-142	15		50
Dibenzofuran	78		87		40-140	11		50
Pentachlorophenol	78		88		17-109	12		50
Phenol	78		87		26-90	11		50
2-Methylphenol	78		86		30-130	10		50
3-Methylphenol/4-Methylphenol	82		91		30-130	10		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1601849-2 WG1601849-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		89		25-120
Phenol-d6	84		92		10-120
Nitrobenzene-d5	76		82		23-120
2-Fluorobiphenyl	80		91		30-120
2,4,6-Tribromophenol	91		102		10-136
4-Terphenyl-d14	78		91		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

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): 01-07 QC Batch ID: WG1601849-4 WG1601849-5 QC Sample: L2204138-02 Client ID: EP-C2												
Acenaphthene	ND	1380	1200	87		1000	72		31-137	18		50
Hexachlorobenzene	ND	1380	1200	87		1100	79		40-140	9		50
Fluoranthene	ND	1380	1200	87		1100	79		40-140	9		50
Naphthalene	ND	1380	1200	87		980	70		40-140	20		50
Benzo(a)anthracene	ND	1380	1200	87		1100	79		40-140	9		50
Benzo(a)pyrene	ND	1380	1200	87		1100	79		40-140	9		50
Benzo(b)fluoranthene	ND	1380	1300	94		1200	86		40-140	8		50
Benzo(k)fluoranthene	ND	1380	1300	94		1100	79		40-140	17		50
Chrysene	ND	1380	1200	87		1100	79		40-140	9		50
Acenaphthylene	ND	1380	1200	87		1000	72		40-140	18		50
Anthracene	ND	1380	1200	87		1100	79		40-140	9		50
Benzo(ghi)perylene	ND	1380	1300	94		1100	79		40-140	17		50
Fluorene	ND	1380	1200	87		1100	79		40-140	9		50
Phenanthrene	ND	1380	1200	87		1000	72		40-140	18		50
Dibenzo(a,h)anthracene	ND	1380	1300	94		1200	86		40-140	8		50
Indeno(1,2,3-cd)pyrene	ND	1380	1300	94		1100	79		40-140	17		50
Pyrene	ND	1380	1200	87		1100	79		35-142	9		50
Dibenzofuran	ND	1380	1200	87		1000	72		40-140	18		50
Pentachlorophenol	ND	1380	1100	80		970	69		17-109	13		50
Phenol	ND	1380	1300	94	Q	1100	79		26-90	17		50
2-Methylphenol	ND	1380	1200	87		1100	79		30-130	9		50
3-Methylphenol/4-Methylphenol	ND	1380	1400	100		1200	86		30-130	15		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22

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): 01-07 QC Batch ID: WG1601849-4 WG1601849-5 QC Sample: L2204138-02 Client ID: EP-C2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	110		102		10-136
2-Fluorobiphenyl	86		76		30-120
2-Fluorophenol	95		80		25-120
4-Terphenyl-d14	92		86		18-120
Nitrobenzene-d5	116		100		23-120
Phenol-d6	101		87		10-120

PCBS

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-01
Client ID: EP-C1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:10
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/09/22 09:51
Analyst: CW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/22 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.26	1	A
Aroclor 1242	ND		ug/kg	34.2	4.62	1	A
Aroclor 1248	ND		ug/kg	34.2	5.14	1	A
Aroclor 1254	ND		ug/kg	34.2	3.75	1	A
Aroclor 1260	ND		ug/kg	34.2	6.33	1	A
Aroclor 1262	ND		ug/kg	34.2	4.35	1	A
Aroclor 1268	ND		ug/kg	34.2	3.55	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-02
Client ID: EP-C2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/09/22 10:00
Analyst: CW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/08/22 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/22

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	5.07	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	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-03
Client ID: EP-C3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/09/22 10:26
Analyst: CW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/22 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.36	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.41	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.60	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-04
Client ID: EP-C3 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/09/22 10:35
Analyst: CW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/22 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.42	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-05
Client ID: EP-B2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:15
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/09/22 10:44
Analyst: CW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/08/22 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/22

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	3.38	1	A
Aroclor 1232	ND		ug/kg	33.8	7.16	1	A
Aroclor 1242	ND		ug/kg	33.8	4.55	1	A
Aroclor 1248	ND		ug/kg	33.8	5.06	1	A
Aroclor 1254	ND		ug/kg	33.8	3.69	1	A
Aroclor 1260	ND		ug/kg	33.8	6.24	1	A
Aroclor 1262	ND		ug/kg	33.8	4.29	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	74		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-06
Client ID: EP-B3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:25
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/09/22 10:53
Analyst: CW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/08/22 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.22	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-07
Client ID: EP-A3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/09/22 11:10
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/08/22 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.40	1	A
Aroclor 1232	ND		ug/kg	34.0	7.20	1	A
Aroclor 1242	ND		ug/kg	34.0	4.58	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.28	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-08
Client ID: FIELD BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/07/22 00:53
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 02/04/22 20:13
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 02/06/22 16:56
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 02/04/22 16:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/05/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/05/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG1601657-1						
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	54		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 02/09/22 08:06
 Analyst: CW

Extraction Method: EPA 3546
 Extraction Date: 02/08/22 00:37
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/08/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/09/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07 Batch: WG1602390-1						
Aroclor 1016	ND		ug/kg	32.0	2.84	A
Aroclor 1221	ND		ug/kg	32.0	3.21	A
Aroclor 1232	ND		ug/kg	32.0	6.79	A
Aroclor 1242	ND		ug/kg	32.0	4.32	A
Aroclor 1248	ND		ug/kg	32.0	4.80	A
Aroclor 1254	ND		ug/kg	32.0	3.50	A
Aroclor 1260	ND		ug/kg	32.0	5.92	A
Aroclor 1262	ND		ug/kg	32.0	4.07	A
Aroclor 1268	ND		ug/kg	32.0	3.32	A
PCBs, Total	ND		ug/kg	32.0	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG1601657-2 WG1601657-3									
Aroclor 1016	72		72		40-140	0		50	A
Aroclor 1260	71		68		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		64		30-150	A
Decachlorobiphenyl	63		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		74		30-150	B
Decachlorobiphenyl	79		76		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2204138**Report Date:** 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1602390-2 WG1602390-3									
Aroclor 1016	74		74		40-140	0		50	A
Aroclor 1260	76		79		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		83		30-150	A
Decachlorobiphenyl	86		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		86		30-150	B
Decachlorobiphenyl	82		79		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2204138**Report Date:** 02/15/22

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): 01-07 QC Batch ID: WG1602390-4 WG1602390-5 QC Sample: L2204138-02 Client ID: EP-C2													
Aroclor 1016	ND	209	128	61		128	60		40-140	0		50	A
Aroclor 1260	ND	209	138	66		131	61		40-140	5		50	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		70		30-150	A
Decachlorobiphenyl	80		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		71		30-150	B
Decachlorobiphenyl	77		73		30-150	B

PESTICIDES

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-01
Client ID: EP-C1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:10
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/08/22 13:37
Analyst: JAW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/07/22 05:19
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.686	0.306	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.823	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.389	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.326	1	A
cis-Chlordane	ND		ug/kg	2.06	0.573	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-02
Client ID: EP-C2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/08/22 11:39
Analyst: AR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/07/22 05:19
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-03
Client ID: EP-C3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/08/22 13:49
Analyst: JAW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/07/22 05:19
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-04
Client ID: EP-C3 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/08/22 14:02
Analyst: JAW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/07/22 05:19
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.681	0.304	1	A
Alpha-BHC	ND		ug/kg	0.681	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.620	1	A
Heptachlor	ND		ug/kg	0.817	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.576	1	A
Endrin	ND		ug/kg	0.681	0.279	1	A
Dieldrin	ND		ug/kg	1.02	0.511	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.583	1	A
4,4'-DDT	ND		ug/kg	3.06	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.681	0.324	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-05
Client ID: EP-B2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:15
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/22 14:14
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 03:49
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.622	1	A
Heptachlor	ND		ug/kg	0.820	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Endrin	ND		ug/kg	0.684	0.280	1	A
Dieldrin	ND		ug/kg	1.02	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.585	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.325	1	A
cis-Chlordane	ND		ug/kg	2.05	0.571	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-06
Client ID: EP-B3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:25
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/22 14:26
Analyst: JAW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 03:49
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.317	1	A
Lindane	ND		ug/kg	0.674	0.302	1	A
Alpha-BHC	ND		ug/kg	0.674	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.614	1	A
Heptachlor	ND		ug/kg	0.809	0.363	1	A
Aldrin	ND		ug/kg	1.62	0.570	1	A
Endrin	ND		ug/kg	0.674	0.276	1	A
Dieldrin	ND		ug/kg	1.01	0.506	1	A
4,4'-DDE	ND		ug/kg	1.62	0.374	1	A
4,4'-DDD	ND		ug/kg	1.62	0.577	1	A
4,4'-DDT	ND		ug/kg	3.04	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.382	1	A
Endosulfan II	ND		ug/kg	1.62	0.541	1	A
Endosulfan sulfate	ND		ug/kg	0.674	0.321	1	A
cis-Chlordane	ND		ug/kg	2.02	0.564	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	131		30-150	A
Decachlorobiphenyl	132		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	130		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-07
Client ID: EP-A3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/22 14:39
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/06/22 03:49
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.677	0.303	1	A
Alpha-BHC	ND		ug/kg	0.677	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.616	1	A
Heptachlor	ND		ug/kg	0.812	0.364	1	A
Aldrin	ND		ug/kg	1.62	0.572	1	A
Endrin	ND		ug/kg	0.677	0.278	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	ND		ug/kg	1.62	0.376	1	A
4,4'-DDD	ND		ug/kg	1.62	0.580	1	A
4,4'-DDT	ND		ug/kg	3.05	1.31	1	A
Endosulfan I	ND		ug/kg	1.62	0.384	1	A
Endosulfan II	ND		ug/kg	1.62	0.543	1	A
Endosulfan sulfate	ND		ug/kg	0.677	0.322	1	A
cis-Chlordane	ND		ug/kg	2.03	0.566	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-08
Client ID: FIELD BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/01/22 17:32
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 01/30/22 09:13

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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	24	Q	30-150	A
Decachlorobiphenyl	24	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	19	Q	30-150	B
Decachlorobiphenyl	20	Q	30-150	B

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-08 RE
 Client ID: FIELD BLANK
 Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
 Date Received: 01/25/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 02/02/22 17:28
 Analyst: JAW

Extraction Method: EPA 3510C
 Extraction Date: 02/02/22 04:53

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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/01/22 16:41
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 01/30/22 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1599466-1						
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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	28	Q	30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	23	Q	30-150	B
Decachlorobiphenyl	26	Q	30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/02/22 16:47
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 02/02/22 04:53

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1600474-1						
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
Endrin	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
cis-Chlordane	ND		ug/l	0.014	0.005	A

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

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/22 13:36
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 02/06/22 03:49
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05-07 Batch: WG1601850-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.652	0.292	A
Alpha-BHC	ND		ug/kg	0.652	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.594	A
Heptachlor	ND		ug/kg	0.783	0.351	A
Aldrin	ND		ug/kg	1.56	0.551	A
Endrin	ND		ug/kg	0.652	0.267	A
Dieldrin	ND		ug/kg	0.978	0.489	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	2.94	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.370	A
Endosulfan II	ND		ug/kg	1.56	0.523	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	A
cis-Chlordane	ND		ug/kg	1.96	0.545	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/08/22 13:50
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 02/07/22 05:19
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1602032-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Endrin	ND		ug/kg	0.644	0.264	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1599466-2 WG1599466-3									
Delta-BHC	22	Q	20	Q	30-150	11		20	A
Lindane	25	Q	23	Q	30-150	7		20	A
Alpha-BHC	30		25	Q	30-150	18		20	A
Beta-BHC	35		30		30-150	15		20	A
Heptachlor	30		27	Q	30-150	12		20	A
Aldrin	28	Q	25	Q	30-150	10		20	A
Endrin	34		30		30-150	14		20	A
Dieldrin	27	Q	25	Q	30-150	8		20	A
4,4'-DDE	27	Q	25	Q	30-150	9		20	A
4,4'-DDD	31		28	Q	30-150	10		20	A
4,4'-DDT	27	Q	26	Q	30-150	4		20	A
Endosulfan I	26	Q	24	Q	30-150	7		20	A
Endosulfan II	30		28	Q	30-150	9		20	A
Endosulfan sulfate	31		28	Q	30-150	9		20	A
cis-Chlordane	27	Q	26	Q	30-150	5		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	29	Q	25	Q	30-150	A
Decachlorobiphenyl	31		28	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	22	Q	19	Q	30-150	B
Decachlorobiphenyl	23	Q	23	Q	30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1600474-2 WG1600474-3									
Delta-BHC	58		61		30-150	4		20	A
Lindane	73		77		30-150	6		20	A
Alpha-BHC	74		79		30-150	7		20	A
Beta-BHC	75		76		30-150	2		20	A
Heptachlor	75		77		30-150	3		20	A
Aldrin	73		79		30-150	7		20	A
Endrin	72		78		30-150	7		20	A
Dieldrin	74		80		30-150	8		20	A
4,4'-DDE	71		76		30-150	7		20	A
4,4'-DDD	76		82		30-150	8		20	A
4,4'-DDT	71		77		30-150	8		20	A
Endosulfan I	67		71		30-150	5		20	A
Endosulfan II	71		76		30-150	7		20	A
Endosulfan sulfate	62		68		30-150	9		20	A
cis-Chlordane	66		70		30-150	6		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		79		30-150	A
Decachlorobiphenyl	72		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		75		30-150	B
Decachlorobiphenyl	70		71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-07 Batch: WG1601850-2 WG1601850-3									
Delta-BHC	95		109		30-150	14		30	A
Lindane	90		102		30-150	13		30	A
Alpha-BHC	95		108		30-150	13		30	A
Beta-BHC	104		121		30-150	15		30	A
Heptachlor	95		108		30-150	13		30	A
Aldrin	97		112		30-150	14		30	A
Endrin	107		124		30-150	15		30	A
Dieldrin	92		108		30-150	16		30	A
4,4'-DDE	88		104		30-150	17		30	A
4,4'-DDD	98		117		30-150	18		30	A
4,4'-DDT	95		116		30-150	20		30	A
Endosulfan I	85		97		30-150	13		30	A
Endosulfan II	88		103		30-150	16		30	A
Endosulfan sulfate	84		99		30-150	16		30	A
cis-Chlordane	95		108		30-150	13		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		101		30-150	A
Decachlorobiphenyl	91		117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		82		30-150	B
Decachlorobiphenyl	84		111		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1602032-2 WG1602032-3									
Delta-BHC	72		64		30-150	12		30	A
Lindane	70		63		30-150	11		30	A
Alpha-BHC	71		62		30-150	14		30	A
Beta-BHC	66		61		30-150	8		30	A
Heptachlor	73		65		30-150	12		30	A
Aldrin	67		58		30-150	14		30	A
Endrin	71		62		30-150	14		30	A
Dieldrin	72		63		30-150	13		30	A
4,4'-DDE	65		57		30-150	13		30	A
4,4'-DDD	73		63		30-150	15		30	A
4,4'-DDT	75		65		30-150	14		30	A
Endosulfan I	65		57		30-150	13		30	A
Endosulfan II	67		58		30-150	14		30	A
Endosulfan sulfate	55		49		30-150	12		30	A
cis-Chlordane	58		51		30-150	13		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		49		30-150	A
Decachlorobiphenyl	70		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		52		30-150	B
Decachlorobiphenyl	77		68		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2204138**Report Date:** 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab ID: EP-C2 Associated sample(s): 01-04 QC Batch ID: WG1602032-4 WG1602032-5 QC Sample: L2204138-02 Client													
Delta-BHC	ND	34.3	31.0	91		30.0	88		30-150	3		50	A
Lindane	ND	34.3	29.6	86		28.8	84		30-150	3		50	A
Alpha-BHC	ND	34.3	30.0	88		29.1	85		30-150	3		50	A
Beta-BHC	ND	34.3	27.8	81		27.4	80		30-150	1		50	A
Heptachlor	ND	34.3	30.8	90		29.9	88		30-150	3		50	A
Aldrin	ND	34.3	28.2	82		27.5	81		30-150	3		50	A
Endrin	ND	34.3	30.2	88		28.7	84		30-150	5		50	A
Dieldrin	ND	34.3	30.8	90		29.3	86		30-150	5		50	A
4,4'-DDE	ND	34.3	28.1	82		26.8	79		30-150	5		50	A
4,4'-DDD	ND	34.3	31.0	91		29.4	86		30-150	5		50	A
4,4'-DDT	ND	34.3	34.4	100		32.0	94		30-150	7		50	A
Endosulfan I	ND	34.3	27.6	81		26.5	78		30-150	4		50	A
Endosulfan II	ND	34.3	29.0	85		27.6	81		30-150	5		50	A
Endosulfan sulfate	ND	34.3	25.3	74		23.4	69		30-150	8		50	A
cis-Chlordane	ND	34.3	24.8	72		24.1	71		30-150	3		50	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		70		30-150	A
Decachlorobiphenyl	90		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		75		30-150	B
Decachlorobiphenyl	98		102		30-150	B

METALS

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-01

Date Collected: 01/25/22 09:10

Client ID: EP-C1

Date Received: 01/25/22

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.30		mg/kg	0.411	0.086	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Barium, Total	22.6		mg/kg	0.411	0.072	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Beryllium, Total	0.214		mg/kg	0.206	0.014	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.411	0.040	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Chromium, Total	9.02		mg/kg	0.411	0.040	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Copper, Total	13.2		mg/kg	0.411	0.106	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Lead, Total	4.96		mg/kg	2.06	0.110	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Manganese, Total	187		mg/kg	0.411	0.065	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.068	0.044	1	02/08/22 05:10	02/08/22 06:55	EPA 7471B	1,7471B	AC
Nickel, Total	31.0		mg/kg	1.03	0.100	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.823	0.106	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.411	0.116	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
Zinc, Total	22.4		mg/kg	2.06	0.120	1	01/31/22 13:20	02/03/22 19:29	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.8	J	mg/kg	0.86	0.86	1		02/08/22 11:20	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-02

Date Collected: 01/25/22 09:45

Client ID: EP-C2

Date Received: 01/25/22

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.09		mg/kg	0.413	0.086	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Barium, Total	17.2		mg/kg	0.413	0.072	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Beryllium, Total	0.210		mg/kg	0.206	0.014	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.413	0.040	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Chromium, Total	11.0		mg/kg	0.413	0.040	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Copper, Total	8.99		mg/kg	0.413	0.106	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Lead, Total	4.10		mg/kg	2.06	0.111	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Manganese, Total	169		mg/kg	0.413	0.066	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.068	0.044	1	02/08/22 05:10	02/08/22 06:41	EPA 7471B	1,7471B	AC
Nickel, Total	37.2		mg/kg	1.03	0.100	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.826	0.106	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.413	0.117	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
Zinc, Total	20.5		mg/kg	2.06	0.121	1	01/31/22 13:20	02/03/22 19:43	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11		mg/kg	0.85	0.85	1		02/08/22 11:20	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-03

Date Collected: 01/25/22 09:45

Client ID: EP-C3

Date Received: 01/25/22

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.16		mg/kg	0.421	0.088	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Barium, Total	22.8		mg/kg	0.421	0.073	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Beryllium, Total	0.274		mg/kg	0.210	0.014	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.421	0.041	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Chromium, Total	8.62		mg/kg	0.421	0.040	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Copper, Total	18.9		mg/kg	0.421	0.109	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Lead, Total	9.52		mg/kg	2.10	0.113	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Manganese, Total	216		mg/kg	0.421	0.067	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.068	0.044	1	02/08/22 05:10	02/08/22 06:58	EPA 7471B	1,7471B	AC
Nickel, Total	39.6		mg/kg	1.05	0.102	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.842	0.109	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.421	0.119	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
Zinc, Total	37.0		mg/kg	2.10	0.123	1	01/31/22 13:20	02/03/22 19:34	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.4	J	mg/kg	0.86	0.86	1		02/08/22 11:20	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-04

Date Collected: 01/25/22 09:45

Client ID: EP-C3 DUPLICATE

Date Received: 01/25/22

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.18		mg/kg	0.408	0.085	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Barium, Total	17.3		mg/kg	0.408	0.071	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Beryllium, Total	0.196	J	mg/kg	0.204	0.014	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.408	0.040	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Chromium, Total	8.00		mg/kg	0.408	0.039	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Copper, Total	13.6		mg/kg	0.408	0.105	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Lead, Total	4.88		mg/kg	2.04	0.109	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Manganese, Total	185		mg/kg	0.408	0.065	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.067	0.044	1	02/08/22 05:10	02/08/22 07:08	EPA 7471B	1,7471B	AC
Nickel, Total	108		mg/kg	1.02	0.099	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.817	0.105	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.408	0.116	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
Zinc, Total	24.1		mg/kg	2.04	0.120	1	01/31/22 13:20	02/03/22 19:38	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.0		mg/kg	0.86	0.86	1		02/08/22 11:20	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS****Lab ID:** L2204138-05**Date Collected:** 01/25/22 10:15**Client ID:** EP-B2**Date Received:** 01/25/22**Sample Location:** 1454 39TH STREET, BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Percent Solids:** 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.47		mg/kg	0.405	0.084	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Barium, Total	25.0		mg/kg	0.405	0.071	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Beryllium, Total	0.296		mg/kg	0.202	0.013	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.405	0.040	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Chromium, Total	15.1		mg/kg	0.405	0.039	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Copper, Total	21.4		mg/kg	0.405	0.104	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Lead, Total	6.69		mg/kg	2.02	0.108	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Manganese, Total	196		mg/kg	0.405	0.064	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.067	0.044	1	02/08/22 05:10	02/08/22 07:11	EPA 7471B	1,7471B	AC
Nickel, Total	61.5		mg/kg	1.01	0.098	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.810	0.104	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.405	0.115	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
Zinc, Total	29.6		mg/kg	2.02	0.119	1	01/31/22 13:20	02/03/22 20:42	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	15		mg/kg	0.86	0.86	1		02/08/22 11:20	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-06

Date Collected: 01/25/22 10:25

Client ID: EP-B3

Date Received: 01/25/22

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.36		mg/kg	0.410	0.085	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Barium, Total	19.0		mg/kg	0.410	0.071	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Beryllium, Total	0.254		mg/kg	0.205	0.014	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.410	0.040	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Chromium, Total	10.7		mg/kg	0.410	0.039	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Copper, Total	16.8		mg/kg	0.410	0.106	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Lead, Total	5.54		mg/kg	2.05	0.110	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Manganese, Total	201		mg/kg	0.410	0.065	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.067	0.044	1	02/08/22 05:10	02/08/22 07:14	EPA 7471B	1,7471B	AC
Nickel, Total	38.9		mg/kg	1.02	0.099	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.820	0.106	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.410	0.116	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
Zinc, Total	23.6		mg/kg	2.05	0.120	1	01/31/22 13:20	02/03/22 20:47	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11		mg/kg	0.84	0.84	1		02/08/22 11:20	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-07

Date Collected: 01/25/22 10:45

Client ID: EP-A3

Date Received: 01/25/22

Sample Location: 1454 39TH STREET, BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.99		mg/kg	0.411	0.086	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Barium, Total	31.6		mg/kg	0.411	0.072	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Beryllium, Total	0.226		mg/kg	0.205	0.014	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.411	0.040	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Chromium, Total	8.04		mg/kg	0.411	0.039	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Copper, Total	12.0		mg/kg	0.411	0.106	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Lead, Total	5.93		mg/kg	2.05	0.110	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Manganese, Total	526		mg/kg	0.411	0.065	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.067	0.044	1	02/08/22 05:10	02/08/22 07:18	EPA 7471B	1,7471B	AC
Nickel, Total	52.2		mg/kg	1.03	0.099	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.822	0.106	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.411	0.116	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
Zinc, Total	27.8		mg/kg	2.05	0.120	1	01/31/22 13:20	02/03/22 20:51	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	7.7	J	mg/kg	0.86	0.86	1		02/08/22 11:20	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**SAMPLE RESULTS**

Lab ID: L2204138-08

Date Collected: 01/25/22 11:00

Client ID: FIELD BLANK

Date Received: 01/25/22

Sample Location: 1454 39TH STREET, 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											
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Barium, Total	0.00022	J	mg/l	0.00050	0.00017	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Copper, Total	ND		mg/l	0.00100	0.00038	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Lead, Total	ND		mg/l	0.00100	0.00034	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/26/22 17:28	01/27/22 10:16	EPA 7470A	1,7470A	ZK
Nickel, Total	ND		mg/l	0.00200	0.00055	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/26/22 16:01	01/26/22 22:46	EPA 3005A	1,6020B	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		01/26/22 22:46	NA	107,-	



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08 Batch: WG1598378-1									
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Barium, Total	ND	mg/l	0.00050	0.00017	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Chromium, Total	ND	mg/l	0.00100	0.00017	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Copper, Total	ND	mg/l	0.00100	0.00038	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Lead, Total	ND	mg/l	0.00100	0.00034	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Manganese, Total	ND	mg/l	0.00100	0.00044	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Nickel, Total	ND	mg/l	0.00200	0.00055	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Selenium, Total	ND	mg/l	0.00500	0.00173	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Silver, Total	ND	mg/l	0.00040	0.00016	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV
Zinc, Total	ND	mg/l	0.01000	0.00341	1	01/26/22 16:01	01/26/22 21:34	1,6020B	SV

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): 08 Batch: WG1598380-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	01/26/22 17:28	01/27/22 09:24	1,7470A	ZK

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): 01-07 Batch: WG1599404-1									
Arsenic, Total	ND	mg/kg	0.400	0.083	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Barium, Total	ND	mg/kg	0.400	0.070	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Beryllium, Total	ND	mg/kg	0.200	0.013	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Cadmium, Total	ND	mg/kg	0.400	0.039	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC



Project Name: 39TH STREET BCP SITE #C224311

Lab Number: L2204138

Project Number: 16390

Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Chromium, Total	ND	mg/kg	0.400	0.038	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Copper, Total	ND	mg/kg	0.400	0.103	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Lead, Total	ND	mg/kg	2.00	0.107	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Manganese, Total	ND	mg/kg	0.400	0.064	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Nickel, Total	ND	mg/kg	1.00	0.097	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Selenium, Total	ND	mg/kg	0.800	0.103	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Silver, Total	ND	mg/kg	0.400	0.113	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC
Zinc, Total	ND	mg/kg	2.00	0.117	1	01/31/22 13:20	02/03/22 19:21	1,6010D	MC

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): 01-07 Batch: WG1602421-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/08/22 05:10	02/08/22 06:35	1,7471B	AC

Prep Information

Digestion Method: EPA 7471B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG1598378-2								
Arsenic, Total	99		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	110		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Copper, Total	99		-		80-120	-		
Lead, Total	98		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	105		-		80-120	-		
Zinc, Total	99		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG1598380-2								
Mercury, Total	88		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1599404-2 SRM Lot Number: D113-540					
Arsenic, Total	76	-	70-130	-	
Barium, Total	79	-	75-125	-	
Beryllium, Total	77	-	75-125	-	
Cadmium, Total	83	-	75-125	-	
Chromium, Total	72	-	70-130	-	
Copper, Total	79	-	75-125	-	
Lead, Total	72	-	72-128	-	
Manganese, Total	78	-	77-123	-	
Nickel, Total	74	-	70-130	-	
Selenium, Total	77	-	66-134	-	
Silver, Total	73	-	70-131	-	
Zinc, Total	73	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1602421-2 SRM Lot Number: D113-540					
Mercury, Total	104	-	60-140	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1598378-3 QC Sample: L2203778-01 Client ID: MS Sample												
Arsenic, Total	0.00052	0.12	0.1266	105		-	-		75-125	-		20
Barium, Total	0.2477	2	2.331	104		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05731	115		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05350	101		-	-		75-125	-		20
Chromium, Total	0.00035J	0.2	0.1996	100		-	-		75-125	-		20
Copper, Total	0.00120	0.25	0.2494	99		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5327	100		-	-		75-125	-		20
Manganese, Total	0.6626	0.5	1.152	98		-	-		75-125	-		20
Nickel, Total	0.00523	0.5	0.4847	96		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.124	103		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05338	107		-	-		75-125	-		20
Zinc, Total	0.00886J	0.5	0.5196	104		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1598380-3 QC Sample: L2203778-02 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00451	90		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1599404-3 WG1599404-4 QC Sample: L2204138-02 Client ID: EP-C2										
Arsenic, Total	2.09	10	10.1	80		9.85	79	75-125	3	20
Barium, Total	17.2	168	140	73	Q	143	76	75-125	2	20
Beryllium, Total	0.210	4.19	3.48	78		3.45	79	75-125	1	20
Cadmium, Total	ND	4.44	3.08	69	Q	3.01	69	Q 75-125	2	20
Chromium, Total	11.0	16.8	18.4	44	Q	18.9	48	Q 75-125	3	20
Copper, Total	8.99	21	23.8	71	Q	25.0	78	75-125	5	20
Lead, Total	4.10	44.4	35.2	70	Q	34.5	70	Q 75-125	2	20
Manganese, Total	169	41.9	185	38	Q	214	109	75-125	15	20
Nickel, Total	37.2	41.9	54.3	41	Q	56.9	48	Q 75-125	5	20
Selenium, Total	ND	10	7.83	78		7.69	78	75-125	2	20
Silver, Total	ND	25.1	21.4	85		21.2	86	75-125	1	20
Zinc, Total	20.5	41.9	52.0	75		52.1	77	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1602421-3 WG1602421-4 QC Sample: L2204138-02 Client ID: EP-C2										
Mercury, Total	ND	0.133	0.123	93		0.127	94	80-120	3	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1598378-4 QC Sample: L2203778-01 Client ID: DUP Sample						
Arsenic, Total	0.00052	0.00050	mg/l	3		20
Barium, Total	0.2477	0.2405	mg/l	3		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00035J	0.00031J	mg/l	NC		20
Copper, Total	0.00120	0.00112	mg/l	7		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	0.6626	0.6421	mg/l	3		20
Nickel, Total	0.00523	0.00512	mg/l	2		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.00886J	0.00914J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1598380-4 QC Sample: L2203778-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2204138
Report Date: 02/15/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1599404-6 QC Sample: L2204138-02 Client ID: EP-C2						
Barium, Total	17.2	21.1	mg/kg	23	Q	20
Chromium, Total	11.0	14.2	mg/kg	29	Q	20
Manganese, Total	169	210	mg/kg	24	Q	20
Nickel, Total	37.2	49.5	mg/kg	33	Q	20

INORGANICS & MISCELLANEOUS

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-01
Client ID: EP-C1
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:10
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	01/26/22 08:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/03/22 11:10	02/04/22 09:52	1,9010C/9012B	CS
Chromium, Hexavalent	0.204	J	mg/kg	0.860	0.172	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-02
Client ID: EP-C2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	01/26/22 08:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/03/22 11:10	02/04/22 09:53	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.847	0.169	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-03
Client ID: EP-C3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	01/26/22 08:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/03/22 11:10	02/04/22 09:59	1,9010C/9012B	CS
Chromium, Hexavalent	0.205	J	mg/kg	0.864	0.173	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-04
Client ID: EP-C3 DUPLICATE
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 09:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	01/26/22 08:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/03/22 11:10	02/04/22 10:00	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.859	0.172	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-05
Client ID: EP-B2
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:15
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/26/22 08:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/03/22 11:10	02/04/22 10:01	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.855	0.171	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-06
Client ID: EP-B3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:25
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.4		%	0.100	NA	1	-	01/26/22 08:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/03/22 11:10	02/04/22 10:02	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.838	0.168	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-07
Client ID: EP-A3
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 10:45
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/26/22 08:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/03/22 11:10	02/04/22 10:03	1,9010C/9012B	CS
Chromium, Hexavalent	0.374	J	mg/kg	0.855	0.171	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2204138-08
Client ID: FIELD BLANK
Sample Location: 1454 39TH STREET, BROOKLYN, NY

Date Collected: 01/25/22 11:00
Date Received: 01/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	01/26/22 10:40	01/26/22 14:06	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/26/22 03:05	01/26/22 03:24	1,7196A	KA



Project Name: 39TH STREET BCP SITE #C224311

Lab Number: L2204138

Project Number: 16390

Report Date: 02/15/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 08 Batch: WG1598116-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/26/22 03:05	01/26/22 03:21	1,7196A	KA
General Chemistry - Westborough Lab for sample(s): 08 Batch: WG1598254-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	01/26/22 10:40	01/26/22 13:49	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1600958-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	02/03/22 11:10	02/04/22 09:34	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1602524-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/08/22 07:20	02/08/22 11:20	1,7196A	PB



Lab Control Sample Analysis**Batch Quality Control****Project Name:** 39TH STREET BCP SITE #C224311**Project Number:** 16390**Lab Number:** L2204138**Report Date:** 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08 Batch: WG1598116-2								
Chromium, Hexavalent	104		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 08 Batch: WG1598254-2 WG1598254-3								
Cyanide, Total	90		93		85-115	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1600958-2 WG1600958-3								
Cyanide, Total	60	Q	74	Q	80-120	17		35
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1602524-2								
Chromium, Hexavalent	92		-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 39TH STREET BCP SITE #C224311

Project Number: 16390

Lab Number: L2204138

Report Date: 02/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1598116-4 QC Sample: L2204138-08 Client ID: FIELD BLANK												
Chromium, Hexavalent	ND	0.1	0.105	105		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1598254-4 WG1598254-5 QC Sample: L2203390-01 Client ID: MS Sample												
Cyanide, Total	0.018	0.2	0.190	86		0.143	62	Q	80-120	28	Q	20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1600958-4 WG1600958-5 QC Sample: L2204138-02 Client ID: EP-C2												
Cyanide, Total	ND	9.8	7.4	75		10	100		75-125	30		35
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1602524-4 WG1602524-5 QC Sample: L2204138-02 Client ID: EP-C2												
Chromium, Hexavalent	ND	1020	942	92		1420	109		75-125	15		20

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2204138
Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1598116-3 QC Sample: L2204138-08 Client ID: FIELD BLANK						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1598186-1 QC Sample: L2204138-02 Client ID: EP-C2						
Solids, Total	94.4	94.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1602524-8 QC Sample: L2204138-02 Client ID: EP-C2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 39TH STREET BCP SITE #C224311**Lab Number:** L2204138**Project Number:** 16390**Report Date:** 02/15/22**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2204138-01A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-01B	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-01C	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-01D	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TRICR-CALC(30),CU-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),HG-T(28),MN-Ti(180),CD-Ti(180)
L2204138-01F	Amber 120ml unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-01G	Amber 120ml unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-02A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-02A1	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-02A2	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-02B	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-02B1	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-02B2	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-02C	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-02C1	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-02C2	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-02D	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-02D1	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Serial_No: 02152217:35
Lab Number: L2204138
Report Date: 02/15/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2204138-02D2	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2204138-02E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2204138-02E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2204138-02F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-02F1	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-02F2	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-02G	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-02G1	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-02G2	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-03A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-03B	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-03C	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-03D	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2204138-03F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Serial_No: 02152217:35
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Report Date: 02/15/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2204138-03G	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-04A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-04B	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-04C	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-04D	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2204138-04F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-04G	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-05A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-05B	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-05C	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-05D	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2204138-05F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-05G	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-06A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-06B	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-06C	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-06D	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)

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Project Number: 16390

Serial_No: 02152217:35
Lab Number: L2204138
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2204138-06F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-06G	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-07A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2204138-07B	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-07C	Vial water preserved	A	NA		5.5	Y	Absent	26-JAN-22 02:31	NYTCL-8260HLW(14)
L2204138-07D	Plastic 120ml unpreserved	A	NA		5.5	Y	Absent		TS(7)
L2204138-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TRICR-CALC(30),PB-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),HG-T(28),MN-Ti(180),CD-Ti(180)
L2204138-07F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-07G	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HOLD-8151(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2204138-08A	Vial HCl preserved	B	NA		5.7	Y	Absent		NYTCL-8260(14)
L2204138-08B	Vial HCl preserved	B	NA		5.7	Y	Absent		NYTCL-8260(14)
L2204138-08C	Vial HCl preserved	B	NA		5.7	Y	Absent		NYTCL-8260(14)
L2204138-08D	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7)
L2204138-08E	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8082-LVI(365)
L2204138-08F	Plastic 250ml HNO3 preserved	B	<2	<2	5.7	Y	Absent		SE-6020T(180),BA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2204138-08G	Plastic 250ml NaOH preserved	B	>12	>12	5.7	Y	Absent		TCN-9010(14)
L2204138-08H	Amber 250ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8270-LVI(7)
L2204138-08I	Amber 250ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8270-LVI(7)
L2204138-08J	Plastic 500ml unpreserved	B	7	7	5.7	Y	Absent		HEXCR-7196(1)
L2204138-08K	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7)
L2204138-08L	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8082-LVI(365)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2204138-09A	Vial MeOH preserved	B	NA		5.7	Y	Absent		NYTCL-8260(14)
L2204138-09B	Vial HCl preserved	B	NA		5.7	Y	Absent		NYTCL-8260(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

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

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: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
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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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 39TH STREET BCP SITE #C224311
Project Number: 16390

Lab Number: L2204138
Report Date: 02/15/22

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.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.****EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>01/25/22</u>		ALPHA Job # <u>L2204138</u>																																																																																																																																																																																																																						
		Project Information Project Name: <u>39th Street BCP Site #C224311</u> Project Location: <u>1454 39th Street, Brooklyn NY</u> Project # <u>16390</u> (Use Project name as Project #) ☐ Project Manager: <u>Kevin Kleenka</u> ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other _____		Billing Information ☐ Same as Client Info PO # _____																																																																																																																																																																																																																								
Client Information Client: <u>IEC 170 Highland court</u> Address: <u>Brooklyn NY 11730</u> Phone: <u>8631-269-8800</u> Fax: _____ Email: <u>K.Kleenka</u>		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other _____ ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____																																																																																																																																																																																																																										
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>Hold any extra volume</u> Please specify Metals or TAL.		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)																																																																																																																																																																																																																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="10">Analysis Results</th> </tr> <tr> <th>Date</th> <th>Time</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr> <td>04138-01</td> <td>EP-C1</td> <td>1-25-22</td> <td></td> <td>S/A</td> <td>CE</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-02</td> <td>EP-C2</td> <td></td> <td></td> <td>S/A</td> <td>CE</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-02</td> <td>EP-C2 ms</td> <td></td> <td></td> <td>S/A</td> <td>CE</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-02</td> <td>EP-C2 msd</td> <td></td> <td></td> <td>S/A</td> <td>CE</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-03</td> <td>EP-C3</td> <td></td> <td></td> <td>S/A</td> <td>ms</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-04</td> <td>EP-C3 Duplicate</td> <td></td> <td></td> <td>S/A</td> <td>ms</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-05</td> <td>EP-B-2</td> <td></td> <td></td> <td>S/A</td> <td>CE</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-06</td> <td>EP-B-3</td> <td></td> <td></td> <td>S/A</td> <td>ms</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>-07</td> <td>EP-A3</td> <td></td> <td></td> <td>S/A</td> <td>ms</td> <td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis Results										Date	Time											04138-01	EP-C1	1-25-22		S/A	CE	X	X														-02	EP-C2			S/A	CE	X	X														-02	EP-C2 ms			S/A	CE	X	X														-02	EP-C2 msd			S/A	CE	X	X														-03	EP-C3			S/A	ms	X	X														-04	EP-C3 Duplicate			S/A	ms	X	X														-05	EP-B-2			S/A	CE	X	X														-06	EP-B-3			S/A	ms	X	X														-07	EP-A3			S/A	ms	X	X														Part 375 SWOC, Part 375 WOC Part 375 SWOC, Part 375 WOC		Sample Specific Comments	
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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 ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		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>M5MR (ms)</u> <u>AAAC</u>		Date/Time: <u>1-25-22</u> <u>1-25/22 18:34</u> <u>1/25/22 2330</u>		Received By: <u>M5MR (ms)</u> <u>AAAC</u>		Date/Time: <u>1/25/22 18:05</u> <u>1/25/22 1830</u> <u>1/25/22 2330</u>																																																																																																																																																																																																																								

[illegible]



ANALYTICAL REPORT

Lab Number:	L2205935
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Kevin Kleaka
Phone:	(631) 269-8800
Project Name:	16390
Project Number:	16390
Report Date:	02/21/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: 16390
Project Number: 16390

Lab Number: L2205935
Report Date: 02/21/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2205935-01	EP-A1	SOIL	1454 39TH STREET, BROOKLYN	02/03/22 10:20	02/03/22
L2205935-02	EP-A2	SOIL	1454 39TH STREET, BROOKLYN	02/03/22 10:35	02/03/22
L2205935-03	EP-A2-DUP	SOIL	1454 39TH STREET, BROOKLYN	02/03/22 10:35	02/03/22
L2205935-04	EP-B-1	SOIL	1454 39TH STREET, BROOKLYN	02/03/22 10:00	02/03/22
L2205935-05	TRIP BLANK	WATER	1454 39TH STREET, BROOKLYN	01/28/22 00:00	02/03/22
L2205935-06	TRIP BLANK	WATER	1454 39TH STREET, BROOKLYN	01/28/22 00:00	02/03/22

Project Name: 16390**Lab Number:** L2205935**Project Number:** 16390**Report Date:** 02/21/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 16390**Lab Number:** L2205935**Project Number:** 16390**Report Date:** 02/21/22**Case Narrative (continued)****Report Submission**

February 21, 2022: This final report includes the results of all requested analyses.

February 14, 2022: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

Cyanide, Total

The WG1602463-2/-3 LCS/LCSD recoveries for cyanide, total (58%/39%), associated with L2205935-01, -02, and -04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The result of the original analyses is reported.

The WG1602463-2/-3 LCS/LCSD RPD, associated with L2205935-01, -02, and -04, is above the acceptance criteria for cyanide, total (37%).

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

Authorized Signature:

Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative

Date: 02/21/22

ORGANICS

VOLATILES

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01
 Client ID: EP-A1
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:20
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 02/08/22 12:05
 Analyst: KTD
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	15	6.8	1
1,1-Dichloroethane	ND		ug/kg	3.0	0.43	1
Chloroform	ND		ug/kg	4.4	0.41	1
Carbon tetrachloride	ND		ug/kg	3.0	0.68	1
Tetrachloroethene	ND		ug/kg	1.5	0.58	1
Chlorobenzene	ND		ug/kg	1.5	0.38	1
1,2-Dichloroethane	ND		ug/kg	3.0	0.76	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.49	1
Benzene	ND		ug/kg	1.5	0.49	1
Toluene	ND		ug/kg	3.0	1.6	1
Ethylbenzene	ND		ug/kg	3.0	0.42	1
Vinyl chloride	ND		ug/kg	3.0	0.99	1
1,1-Dichloroethene	ND		ug/kg	3.0	0.70	1
trans-1,2-Dichloroethene	ND		ug/kg	4.4	0.40	1
Trichloroethene	ND		ug/kg	1.5	0.40	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.43	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.44	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.51	1
Methyl tert butyl ether	ND		ug/kg	5.9	0.60	1
p/m-Xylene	ND		ug/kg	5.9	1.6	1
o-Xylene	ND		ug/kg	3.0	0.86	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	0.52	1
Acetone	65		ug/kg	30	14.	1
2-Butanone	ND		ug/kg	30	6.6	1
n-Butylbenzene	ND		ug/kg	3.0	0.49	1
sec-Butylbenzene	ND		ug/kg	3.0	0.43	1
tert-Butylbenzene	ND		ug/kg	5.9	0.35	1
n-Propylbenzene	ND		ug/kg	3.0	0.51	1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01

Date Collected: 02/03/22 10:20

Client ID: EP-A1

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.57	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.99	1
1,4-Dioxane	ND		ug/kg	240	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	110		70-130

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02
 Client ID: EP-A2
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:35
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 02/08/22 12:32
 Analyst: KTD
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.1	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.4	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
Tetrachloroethene	ND		ug/kg	0.81	0.32	1
Chlorobenzene	ND		ug/kg	0.81	0.21	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.81	0.27	1
Benzene	ND		ug/kg	0.81	0.27	1
Toluene	ND		ug/kg	1.6	0.88	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.81	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.33	1
p/m-Xylene	ND		ug/kg	3.2	0.91	1
o-Xylene	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Acetone	16		ug/kg	16	7.8	1
2-Butanone	ND		ug/kg	16	3.6	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
n-Propylbenzene	ND		ug/kg	1.6	0.28	1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02

Date Collected: 02/03/22 10:35

Client ID: EP-A2

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1
1,4-Dioxane	ND		ug/kg	130	57.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	109		70-130

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04
 Client ID: EP-B-1
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:00
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 02/09/22 23:35
 Analyst: JC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.8	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.77	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.77	0.18	1
Tetrachloroethene	ND		ug/kg	0.38	0.15	1
Chlorobenzene	ND		ug/kg	0.38	0.10	1
1,2-Dichloroethane	ND		ug/kg	0.77	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.38	0.13	1
Benzene	ND		ug/kg	0.38	0.13	1
Toluene	ND		ug/kg	0.77	0.42	1
Ethylbenzene	ND		ug/kg	0.77	0.11	1
Vinyl chloride	ND		ug/kg	0.77	0.26	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.10	1
Trichloroethene	ND		ug/kg	0.38	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.43	1
o-Xylene	ND		ug/kg	0.77	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.13	1
Acetone	ND		ug/kg	7.7	3.7	1
2-Butanone	ND		ug/kg	7.7	1.7	1
n-Butylbenzene	ND		ug/kg	0.77	0.13	1
sec-Butylbenzene	ND		ug/kg	0.77	0.11	1
tert-Butylbenzene	ND		ug/kg	1.5	0.09	1
n-Propylbenzene	ND		ug/kg	0.77	0.13	1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04

Date Collected: 02/03/22 10:00

Client ID: EP-B-1

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	1.5	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.5	0.26	1
1,4-Dioxane	ND		ug/kg	62	27.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-05
 Client ID: TRIP BLANK
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 01/28/22 00:00
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/04/22 11:46
 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
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	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
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
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	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
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-05

Date Collected: 01/28/22 00:00

Client ID: TRIP BLANK

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-06
 Client ID: TRIP BLANK
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 01/28/22 00:00
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/04/22 12:11
 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
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	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
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
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	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
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-06

Date Collected: 01/28/22 00:00

Client ID: TRIP BLANK

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 02/04/22 08:41

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1602050-5					
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
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	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
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
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
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Acetone	ND		ug/l	5.0	1.5
2-Butanone	ND		ug/l	5.0	1.9
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
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 02/04/22 08:41

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1602050-5					
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 02/08/22 08:54

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1603001-5					
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
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	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
Vinyl chloride	ND		ug/kg	1.0	0.34
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
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
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
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 02/08/22 08:54

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1603001-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	112		70-130

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/09/22 20:50
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1603506-5					
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
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	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
Vinyl chloride	ND		ug/kg	1.0	0.34
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
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
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
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 02/09/22 20:50

Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1603506-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1602050-3 WG1602050-4								
Methylene chloride	92		93		70-130	1		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	97		94		70-130	3		20
Carbon tetrachloride	120		110		63-132	9		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	110		100		75-130	10		20
1,2-Dichloroethane	100		98		70-130	2		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Benzene	110		99		70-130	11		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Vinyl chloride	110		100		55-140	10		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	88		88		63-130	0		20
p/m-Xylene	115		110		70-130	4		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	97		97		70-130	0		20
Acetone	68		81		58-148	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1602050-3 WG1602050-4								
2-Butanone	68		77		63-138	12		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	110		110		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	88		92		56-162	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	101		99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1603001-3 WG1603001-4								
Methylene chloride	87		86		70-130	1		30
1,1-Dichloroethane	85		84		70-130	1		30
Chloroform	89		87		70-130	2		30
Carbon tetrachloride	91		91		70-130	0		30
Tetrachloroethene	98		96		70-130	2		30
Chlorobenzene	92		91		70-130	1		30
1,2-Dichloroethane	88		87		70-130	1		30
1,1,1-Trichloroethane	91		88		70-130	3		30
Benzene	90		88		70-130	2		30
Toluene	83		84		70-130	1		30
Ethylbenzene	82		82		70-130	0		30
Vinyl chloride	79		76		67-130	4		30
1,1-Dichloroethene	84		81		65-135	4		30
trans-1,2-Dichloroethene	93		90		70-130	3		30
Trichloroethene	92		90		70-130	2		30
1,2-Dichlorobenzene	92		89		70-130	3		30
1,3-Dichlorobenzene	93		89		70-130	4		30
1,4-Dichlorobenzene	93		89		70-130	4		30
Methyl tert butyl ether	90		88		66-130	2		30
p/m-Xylene	88		88		70-130	0		30
o-Xylene	87		86		70-130	1		30
cis-1,2-Dichloroethene	92		89		70-130	3		30
Acetone	127		119		54-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1603001-3 WG1603001-4								
2-Butanone	129		121		70-130	6		30
n-Butylbenzene	83		81		70-130	2		30
sec-Butylbenzene	84		82		70-130	2		30
tert-Butylbenzene	85		83		70-130	2		30
n-Propylbenzene	80		77		70-130	4		30
1,3,5-Trimethylbenzene	83		81		70-130	2		30
1,2,4-Trimethylbenzene	82		79		70-130	4		30
1,4-Dioxane	132		130		65-136	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	87		87		70-130
Dibromofluoromethane	106		107		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1603506-3 WG1603506-4								
Methylene chloride	84		83		70-130	1		30
1,1-Dichloroethane	97		108		70-130	11		30
Chloroform	82		90		70-130	9		30
Carbon tetrachloride	80		91		70-130	13		30
Tetrachloroethene	90		104		70-130	14		30
Chlorobenzene	91		103		70-130	12		30
1,2-Dichloroethane	83		92		70-130	10		30
1,1,1-Trichloroethane	83		93		70-130	11		30
Benzene	92		103		70-130	11		30
Toluene	95		108		70-130	13		30
Ethylbenzene	93		106		70-130	13		30
Vinyl chloride	86		95		67-130	10		30
1,1-Dichloroethene	82		91		65-135	10		30
trans-1,2-Dichloroethene	82		87		70-130	6		30
Trichloroethene	91		100		70-130	9		30
1,2-Dichlorobenzene	93		102		70-130	9		30
1,3-Dichlorobenzene	94		104		70-130	10		30
1,4-Dichlorobenzene	92		101		70-130	9		30
Methyl tert butyl ether	84		88		66-130	5		30
p/m-Xylene	97		110		70-130	13		30
o-Xylene	99		108		70-130	9		30
cis-1,2-Dichloroethene	91		102		70-130	11		30
Acetone	42	Q	40	Q	54-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1603506-3 WG1603506-4								
2-Butanone	120		128		70-130	6		30
n-Butylbenzene	102		114		70-130	11		30
sec-Butylbenzene	104		116		70-130	11		30
tert-Butylbenzene	101		112		70-130	10		30
n-Propylbenzene	100		111		70-130	10		30
1,3,5-Trimethylbenzene	104		114		70-130	9		30
1,2,4-Trimethylbenzene	104		114		70-130	9		30
1,4-Dioxane	92		102		65-136	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	82		81		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	106		104		70-130
Dibromofluoromethane	89		87		70-130

SEMIVOLATILES

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01
 Client ID: EP-A1
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:20
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/11/22 16:31
 Analyst: CMM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 23:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	23	J	ug/kg	110	22.	1
Naphthalene	ND		ug/kg	190	23.	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
Dibenzofuran	ND		ug/kg	190	18.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01

Date Collected: 02/03/22 10:20

Client ID: EP-A1

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	65		18-120

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02
 Client ID: EP-A2
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:35
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/11/22 16:56
 Analyst: CMM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 23:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	ND		ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	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	18	J	ug/kg	110	18.	1
Dibenzofuran	ND		ug/kg	180	17.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02

Date Collected: 02/03/22 10:35

Client ID: EP-A2

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	66		18-120

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04
 Client ID: EP-B-1
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:00
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/11/22 17:21
 Analyst: CMM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 23:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	60	J	ug/kg	110	20.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	34	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	35	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	29	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	40	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	50	J	ug/kg	110	18.	1
Dibenzofuran	ND		ug/kg	180	17.	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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04

Date Collected: 02/03/22 10:00

Client ID: EP-B-1

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	65		18-120

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 02/11/22 14:31
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1603796-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Fluoranthene	ND		ug/kg	98	19.
Naphthalene	ND		ug/kg	160	20.
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.
Dibenzofuran	ND		ug/kg	160	15.
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.

Tentatively Identified Compounds

No Tentatively Identified Compounds

ND

ug/kg

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 02/11/22 14:31
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1603796-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	64		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1603796-2 WG1603796-3								
Acenaphthene	68		66		31-137	3		50
Hexachlorobenzene	72		70		40-140	3		50
Fluoranthene	73		71		40-140	3		50
Naphthalene	62		62		40-140	0		50
Benzo(a)anthracene	70		68		40-140	3		50
Benzo(a)pyrene	72		69		40-140	4		50
Benzo(b)fluoranthene	71		70		40-140	1		50
Benzo(k)fluoranthene	77		72		40-140	7		50
Chrysene	73		70		40-140	4		50
Acenaphthylene	66		68		40-140	3		50
Anthracene	72		70		40-140	3		50
Benzo(ghi)perylene	76		73		40-140	4		50
Fluorene	71		71		40-140	0		50
Phenanthrene	73		70		40-140	4		50
Dibenzo(a,h)anthracene	76		72		40-140	5		50
Indeno(1,2,3-cd)pyrene	79		74		40-140	7		50
Pyrene	74		72		35-142	3		50
Dibenzofuran	72		69		40-140	4		50
Pentachlorophenol	67		65		17-109	3		50
Phenol	69		66		26-90	4		50
2-Methylphenol	69		68		30-130	1		50
3-Methylphenol/4-Methylphenol	77		72		30-130	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1603796-2 WG1603796-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		65		25-120
Phenol-d6	72		67		10-120
Nitrobenzene-d5	66		61		23-120
2-Fluorobiphenyl	63		65		30-120
2,4,6-Tribromophenol	77		71		10-136
4-Terphenyl-d14	73		67		18-120

PCBS

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01
 Client ID: EP-A1
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:20
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/11/22 20:46
 Analyst: AD
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 22:43
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/11/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/11/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.19	1	A
Aroclor 1221	ND		ug/kg	36.0	3.60	1	A
Aroclor 1232	ND		ug/kg	36.0	7.63	1	A
Aroclor 1242	ND		ug/kg	36.0	4.85	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	ND		ug/kg	36.0	6.65	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	ND		ug/kg	36.0	3.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02
 Client ID: EP-A2
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:35
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/11/22 20:55
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 22:43
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/11/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/11/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.66	1	A
Aroclor 1232	ND		ug/kg	36.6	7.75	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.48	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.64	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04
 Client ID: EP-B-1
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:00
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/11/22 21:04
 Analyst: WR
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 22:43
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/11/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/11/22

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	36		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 02/11/22 22:37
 Analyst: JM

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 22:43
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/11/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/11/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04 Batch: WG1603790-1						
Aroclor 1016	ND		ug/kg	32.0	2.84	A
Aroclor 1221	ND		ug/kg	32.0	3.21	A
Aroclor 1232	ND		ug/kg	32.0	6.79	A
Aroclor 1242	ND		ug/kg	32.0	4.31	A
Aroclor 1248	ND		ug/kg	32.0	4.80	A
Aroclor 1254	ND		ug/kg	32.0	3.50	A
Aroclor 1260	ND		ug/kg	32.0	5.92	A
Aroclor 1262	ND		ug/kg	32.0	4.06	A
Aroclor 1268	ND		ug/kg	32.0	3.32	A
PCBs, Total	ND		ug/kg	32.0	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1603790-2 WG1603790-3									
Aroclor 1016	68		68		40-140	0		50	A
Aroclor 1260	63		64		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	A
Decachlorobiphenyl	72		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		77		30-150	B
Decachlorobiphenyl	70		70		30-150	B

PESTICIDES

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01
 Client ID: EP-A1
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:20
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/12/22 10:46
 Analyst: EJL
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 22:25
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.81	0.688	1	A
Heptachlor	ND		ug/kg	0.907	0.407	1	A
Aldrin	ND		ug/kg	1.81	0.639	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	ND		ug/kg	1.81	0.420	1	A
4,4'-DDD	ND		ug/kg	1.81	0.647	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.429	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
cis-Chlordane	ND		ug/kg	2.27	0.632	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02
 Client ID: EP-A2
 Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:35
 Date Received: 02/03/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/12/22 10:56
 Analyst: EJJ
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 22:25
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.604	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	3.21	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
cis-Chlordane	ND		ug/kg	2.14	0.597	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04

Date Collected: 02/03/22 10:00

Client ID: EP-B-1

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 02/10/22 22:25

Analytical Date: 02/12/22 10:35

Cleanup Method: EPA 3620B

Analyst: EJL

Cleanup Date: 02/12/22

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Endrin	ND		ug/kg	0.701	0.287	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	148		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 02/11/22 16:12
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 02/10/22 17:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/11/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04 Batch: WG1603724-1						
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
Endrin	ND		ug/kg	0.628	0.258	A
Dieldrin	ND		ug/kg	0.942	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
cis-Chlordane	ND		ug/kg	1.88	0.525	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	106		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1603724-2 WG1603724-3									
Delta-BHC	78		96		30-150	21		30	A
Lindane	76		92		30-150	19		30	A
Alpha-BHC	77		92		30-150	18		30	A
Beta-BHC	73		89		30-150	20		30	A
Heptachlor	76		93		30-150	20		30	A
Aldrin	72		91		30-150	23		30	A
Endrin	77		97		30-150	23		30	A
Dieldrin	78		100		30-150	25		30	A
4,4'-DDE	72		91		30-150	23		30	A
4,4'-DDD	80		101		30-150	23		30	A
4,4'-DDT	82		103		30-150	23		30	A
Endosulfan I	71		89		30-150	23		30	A
Endosulfan II	76		96		30-150	23		30	A
Endosulfan sulfate	62		77		30-150	22		30	A
cis-Chlordane	65		82		30-150	23		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		72		30-150	A
Decachlorobiphenyl	87		107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		76		30-150	B
Decachlorobiphenyl	91		111		30-150	B

METALS

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01

Date Collected: 02/03/22 10:20

Client ID: EP-A1

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

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											
Arsenic, Total	3.02		mg/kg	0.431	0.090	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Barium, Total	34.6		mg/kg	0.431	0.075	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Beryllium, Total	0.280		mg/kg	0.216	0.014	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Cadmium, Total	0.392	J	mg/kg	0.431	0.042	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Chromium, Total	11.6		mg/kg	0.431	0.041	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Copper, Total	17.9		mg/kg	0.431	0.111	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Lead, Total	7.87		mg/kg	2.16	0.116	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Manganese, Total	256		mg/kg	0.431	0.069	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.079	0.051	1	02/07/22 22:18	02/09/22 12:03	EPA 7471B	1,7471B	AC
Nickel, Total	46.8		mg/kg	1.08	0.104	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.862	0.111	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.431	0.122	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
Zinc, Total	32.1		mg/kg	2.16	0.126	1	02/07/22 21:38	02/08/22 19:01	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12		mg/kg	0.91	0.91	1		02/09/22 08:10	NA	107,-	



Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02

Date Collected: 02/03/22 10:35

Client ID: EP-A2

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

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											
Arsenic, Total	3.47		mg/kg	0.436	0.091	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Barium, Total	33.2		mg/kg	0.436	0.076	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Beryllium, Total	0.305		mg/kg	0.218	0.014	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Cadmium, Total	0.427	J	mg/kg	0.436	0.043	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Chromium, Total	12.9		mg/kg	0.436	0.042	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Copper, Total	20.1		mg/kg	0.436	0.112	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Lead, Total	7.69		mg/kg	2.18	0.117	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Manganese, Total	270		mg/kg	0.436	0.069	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.071	0.047	1	02/07/22 22:18	02/09/22 12:06	EPA 7471B	1,7471B	AC
Nickel, Total	50.9		mg/kg	1.09	0.106	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.872	0.112	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.436	0.123	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
Zinc, Total	34.2		mg/kg	2.18	0.128	1	02/07/22 21:38	02/08/22 19:05	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13		mg/kg	0.88	0.88	1		02/09/22 08:10	NA	107,-	



Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04

Date Collected: 02/03/22 10:00

Client ID: EP-B-1

Date Received: 02/03/22

Sample Location: 1454 39TH STREET, BROOKLYN

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											
Arsenic, Total	3.10		mg/kg	0.417	0.087	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Barium, Total	30.8		mg/kg	0.417	0.073	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Beryllium, Total	0.267		mg/kg	0.208	0.014	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Cadmium, Total	0.384	J	mg/kg	0.417	0.041	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Chromium, Total	12.2		mg/kg	0.417	0.040	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Copper, Total	17.7		mg/kg	0.417	0.108	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Lead, Total	7.19		mg/kg	2.08	0.112	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Manganese, Total	284		mg/kg	0.417	0.066	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.074	0.048	1	02/07/22 22:18	02/09/22 12:10	EPA 7471B	1,7471B	AC
Nickel, Total	47.6		mg/kg	1.04	0.101	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	0.834	0.108	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.417	0.118	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
Zinc, Total	29.2		mg/kg	2.08	0.122	1	02/07/22 21:38	02/08/22 20:26	EPA 3050B	1,6010D	MC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12		mg/kg	0.87	0.87	1		02/09/22 08:10	NA	107,-	



Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04 Batch: WG1602184-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC
Zinc, Total	0.156	J	mg/kg	2.00	0.117	1	02/07/22 21:38	02/08/22 16:08	1,6010D	MC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04 Batch: WG1602185-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/07/22 22:18	02/09/22 10:44	1,7471B	AC

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04 Batch: WG1602184-2 SRM Lot Number: D113-540								
Arsenic, Total	101		-		70-130	-		
Barium, Total	91		-		75-125	-		
Beryllium, Total	106		-		75-125	-		
Cadmium, Total	100		-		75-125	-		
Chromium, Total	94		-		70-130	-		
Copper, Total	94		-		75-125	-		
Lead, Total	97		-		72-128	-		
Manganese, Total	92		-		77-123	-		
Nickel, Total	98		-		70-130	-		
Selenium, Total	100		-		66-134	-		
Silver, Total	98		-		70-131	-		
Zinc, Total	97		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02,04 Batch: WG1602185-2 SRM Lot Number: D113-540								
Mercury, Total	80		-		60-140	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602184-3 QC Sample: L2205915-01 Client ID: MS Sample												
Arsenic, Total	12.1	10.6	30.2	171	Q	-	-		75-125	-		20
Barium, Total	69.4	176	278	118		-	-		75-125	-		20
Beryllium, Total	0.229J	4.4	3.89	88		-	-		75-125	-		20
Cadmium, Total	1.17	4.67	5.55	94		-	-		75-125	-		20
Chromium, Total	18.8	17.6	36.6	101		-	-		75-125	-		20
Copper, Total	18.8	22	57.2	174	Q	-	-		75-125	-		20
Lead, Total	108	46.7	246	295	Q	-	-		75-125	-		20
Manganese, Total	114	44	193	179	Q	-	-		75-125	-		20
Nickel, Total	4.58	44	38.2	76		-	-		75-125	-		20
Selenium, Total	0.529J	10.6	9.74	92		-	-		75-125	-		20
Silver, Total	ND	26.4	24.0	91		-	-		75-125	-		20
Zinc, Total	140	44	272	300	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602185-3 QC Sample: L2205863-01 Client ID: MS Sample												
Mercury, Total	ND	0.188	0.193	102		-	-		80-120	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602184-4 QC Sample: L2205915-01 Client ID: DUP Sample						
Arsenic, Total	12.1	12.0	mg/kg	1		20
Barium, Total	69.4	83.5	mg/kg	18		20
Beryllium, Total	0.229J	0.241J	mg/kg	NC		20
Cadmium, Total	1.17	1.28	mg/kg	9		20
Chromium, Total	18.8	19.3	mg/kg	3		20
Copper, Total	18.8	22.2	mg/kg	17		20
Lead, Total	108	132	mg/kg	20		20
Manganese, Total	114	115	mg/kg	1		20
Nickel, Total	4.58	5.15	mg/kg	12		20
Selenium, Total	0.529J	0.330J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	140	139	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602185-4 QC Sample: L2205863-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 16390
Project Number: 16390

**Lab Serial Dilution
 Analysis**
 Batch Quality Control

Lab Number: L2205935
Report Date: 02/21/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602184-6 QC Sample: L2205915-01 Client ID: DUP Sample						
Barium, Total	69.4	79.3	mg/kg	14		20
Manganese, Total	114	136	mg/kg	19		20
Zinc, Total	140	172	mg/kg	23	Q	20

INORGANICS & MISCELLANEOUS

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-01

Client ID: EP-A1

Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:20

Date Received: 02/03/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	02/04/22 10:41	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/08/22 10:00	02/08/22 13:59	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.910	0.182	1	02/08/22 09:30	02/09/22 08:10	1,7196A	JT



Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-02

Client ID: EP-A2

Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:35

Date Received: 02/03/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	02/04/22 10:41	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/08/22 10:00	02/08/22 14:00	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.880	0.176	1	02/08/22 09:30	02/09/22 08:10	1,7196A	JT



Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

SAMPLE RESULTS

Lab ID: L2205935-04

Client ID: EP-B-1

Sample Location: 1454 39TH STREET, BROOKLYN

Date Collected: 02/03/22 10:00

Date Received: 02/03/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	02/04/22 10:41	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/08/22 10:00	02/08/22 14:01	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.870	0.174	1	02/08/22 09:30	02/09/22 08:10	1,7196A	JT



Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02,04 Batch: WG1602463-1										
Cyanide, Total	ND		mg/kg	0.99	0.21	1	02/08/22 10:00	02/08/22 13:52	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 01-02,04 Batch: WG1602682-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/08/22 09:30	02/09/22 08:10	1,7196A	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1602463-2 WG1602463-3								
Cyanide, Total	58	Q	39	Q	80-120	37	Q	35
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1602682-2								
Chromium, Hexavalent	98		-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602463-4 WG1602463-5 QC Sample: L2206093-02 Client ID: MS Sample												
Cyanide, Total	ND	11	10	92		10	90		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602682-4 QC Sample: L2205935-04 Client ID: EP-B-1												
Chromium, Hexavalent	ND	1340	1170	87		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 16390

Project Number: 16390

Lab Number: L2205935

Report Date: 02/21/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1601426-1 QC Sample: L2205867-01 Client ID: DUP Sample						
Solids, Total	79.6	79.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1602682-6 QC Sample: L2205935-04 Client ID: EP-B-1						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 16390
Project Number: 16390

Serial_No:02212206:55
Lab Number: L2205935
Report Date: 02/21/22

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2205935-01A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2205935-01B	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	NYTCL-8260HLW(14)
L2205935-01C	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	NYTCL-8260HLW(14)
L2205935-01D	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2205935-01E	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2205935-01F	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2205935-01X	Vial MeOH preserved split	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2205935-02A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2205935-02B	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	NYTCL-8260HLW(14)
L2205935-02C	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	NYTCL-8260HLW(14)
L2205935-02D	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2205935-02E	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2205935-02F	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2205935-03A	Vial MeOH preserved	A	NA		2.5	Y	Absent		HOLD-8260HLW(14)
L2205935-03B	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	HOLD-8260HLW(14)
L2205935-03C	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	HOLD-8260HLW(14)
L2205935-03D	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		HOLD-METAL(180)
L2205935-03E	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)

Project Name: 16390
Project Number: 16390

Serial_No: 02212206:55
Lab Number: L2205935
Report Date: 02/21/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2205935-03F	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2205935-04A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2205935-04B	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	NYTCL-8260HLW(14)
L2205935-04C	Vial water preserved	A	NA		2.5	Y	Absent	04-FEB-22 07:08	NYTCL-8260HLW(14)
L2205935-04D	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2205935-04E	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2205935-04F	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2205935-05A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2205935-05B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2205935-06A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2205935-06B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)

Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 16390

Lab Number: L2205935

Project Number: 16390

Report Date: 02/21/22

Footnotes

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

Terms

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

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

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: 16390**Lab Number:** L2205935**Project Number:** 16390**Report Date:** 02/21/22**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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 16390**Lab Number:** L2205935**Project Number:** 16390**Report Date:** 02/21/22

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.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

