TENEN ENVIRONMENTAL

121 West 27th Street, Suite 702
New York, NY 10001
(646) 606-2332

September 16, 2021

Marsal Maintenance Corp
20 Cordelia Avenue, Suite Bsmt
Staten Island, NY 10309

Attn: Mr. Fatos Valteri

Re: Soil Characterization Summary Report
197-201 Canal Street – Staten Island, NY

Dear Fatos:

Tenen Environmental, LLC (Tenen) recently completed soil characterization sampling at the 197 Canal Street site in Staten Island, New York (the "Site"). Sampling was completed on September 1, 2021. The purpose of the sampling was to collect samples to appropriately classify materials for disposal at off-site facilities.

This letter report includes a summary of the sampling methodology, samples collected and general lithology. Attached are a scaled map (Attachment 1) showing the sampling locations, a copy of the field notes including test pits observations (Attachment 2), a photographic log (Attachment 3), and the laboratory deliverables (Attachment 4).

General Lithology
The materials encountered in the excavated test pits generally consisted of shallow non-native fill and construction and demolition debris (C&D). The non-native fill and C&D were encountered from grade to approximately six feet below grade (ft-bg) throughout the majority of the Site. The non-native fill and C&D consisted of brown to yellow silty sand with gravel, brick and asphalt debris. The non-native fill layer is underlain by native material consisting of brown, fine to coarse grained sand with silt and gravel. Groundwater was encountered in temporary monitoring wells during the Remedial Investigation at depths ranging from approximately four to seven ft-bg.

For test pit-specific material descriptions, see the photographic log in Attachment 3 and test pit logs in Attachment 2. No evidence of petroleum impacts was encountered during sampling.

Sampling Methodology
Samples were collected from the existing non-native fill and from the native material below the fill layer proposed to be excavated as part of redevelopment. Nine test pits were excavated across the Site. Test pits were advanced to depths ranging from four to six ft-bg as determined by the proposed excavation depth.

Waste Classification Sampling
Two waste classification samples were collected at the Site. One five-point composite and one grab volatile organic compound (VOC) were collected for each of the two samples. One waste classification sample (WC-1) was collected from the upper two feet of non-native fill layer from one test pit, from grade to five ft-bg from one test pit excavated within a hotspot, and from grade to six ft-bg from three test pits excavated within hotspots; and, one waste classification sample was collected from two to four ft-bg within the non-native fill material from five test pits (WC-2).

All samples were labeled, preserved on ice and transported under chain-of-custody procedures to Alpha Analytical, Inc. of Westborough, MA (Alpha Lab). Alpha Lab is a New York State Department of Health

(NYSDOH) Environmental Laboratory Approval Program (ELAP)-approved laboratory under laboratory ID 11148.

No evidence of volatile contamination was observed using a photoionization detector (PID) in any of the test pits. VOCs were randomly collected from locations within the sampled intervals.

The samples were analyzed for VOCs, semivolatile organic compounds (SVOCs), pesticides, chlorinated herbicides, polychlorinated biphenyls (PCBs) and metals on the New York Part 375/CP-51 and New Jersey combined Soil Cleanup Criteria lists. In addition, the samples were analyzed for total petroleum hydrocarbons (TPH), toxicity characteristic leaching procedure (TCLP) metals, RCRA characteristics and paint filter test (PFT).

Sample Designations
The sample designations, grids and depth intervals are summarized in Table 2 below.

Table 1 – Summary of Sample Collected

Sample Designation	Composite locations	Depth Interval (feet below grade)
WC-1	TP-1, TP-2, TP-4, TP-7, TP-9	0 to 2 (TP-7); 0 to 5 in one hotspot area (TP-1); 0 to 6 in three hotspot areas (TP-2, TP-4 and TP-9)
WC-2	TP-3, TP-5, TP-6, TP-7, TP-8	2 to 4

Summary of Results
Sample results were compared to the US Environmental Protection Agency (EPA) characteristics of hazardous waste (40CFR Part 261). The results of the TCLP metals and RCRA characteristic analyses indicate that the soil is not hazardous for these parameters.

No VOCs or chlorinated herbicides were detected in either sample. Low concentrations of pesticides were detected in both samples. Metals and PCBs detected in WC-1 and SVOCs and metals detected in WC-2 are typical of anthropogenic fill material. TPH ranged from 129 milligrams per kilogram (mg/kg) in WC-1 to 235 mg/kg in WC-2.

Disposal Agreements
Based on the Soil/Materials Management Plan (SMMP) approved by the Mayor's Office of Environmental Remediation (OER) as part of the May 2021 Remedial Action Plan (RAP) prepared by Tenen, written notification must be obtained from each of the disposal facilities. The SMMP language is included below.

The following documentation will be established and reported by the Professional Engineer/Qualified Environmental Professional (PE/QEP) for each disposal destination used in this project to document that the disposal of regulated material exported from the Site conforms with applicable laws and regulations: (1) a letter from the PE/QEP or Applicant to each disposal facility describing the material to be disposed and requesting written acceptance of the material. This letter will state that material to be disposed is regulated material generated at an environmental remediation Site in New York under a governmental remediation program. The letter will provide the project identity and the name and phone number of the PE/QEP or Applicant. The letter will include as an attachment a summary of all chemical data for the material being transported; and (2) a letter from each disposal facility stating it is in receipt of the correspondence (1, above) and is approved to accept the material.

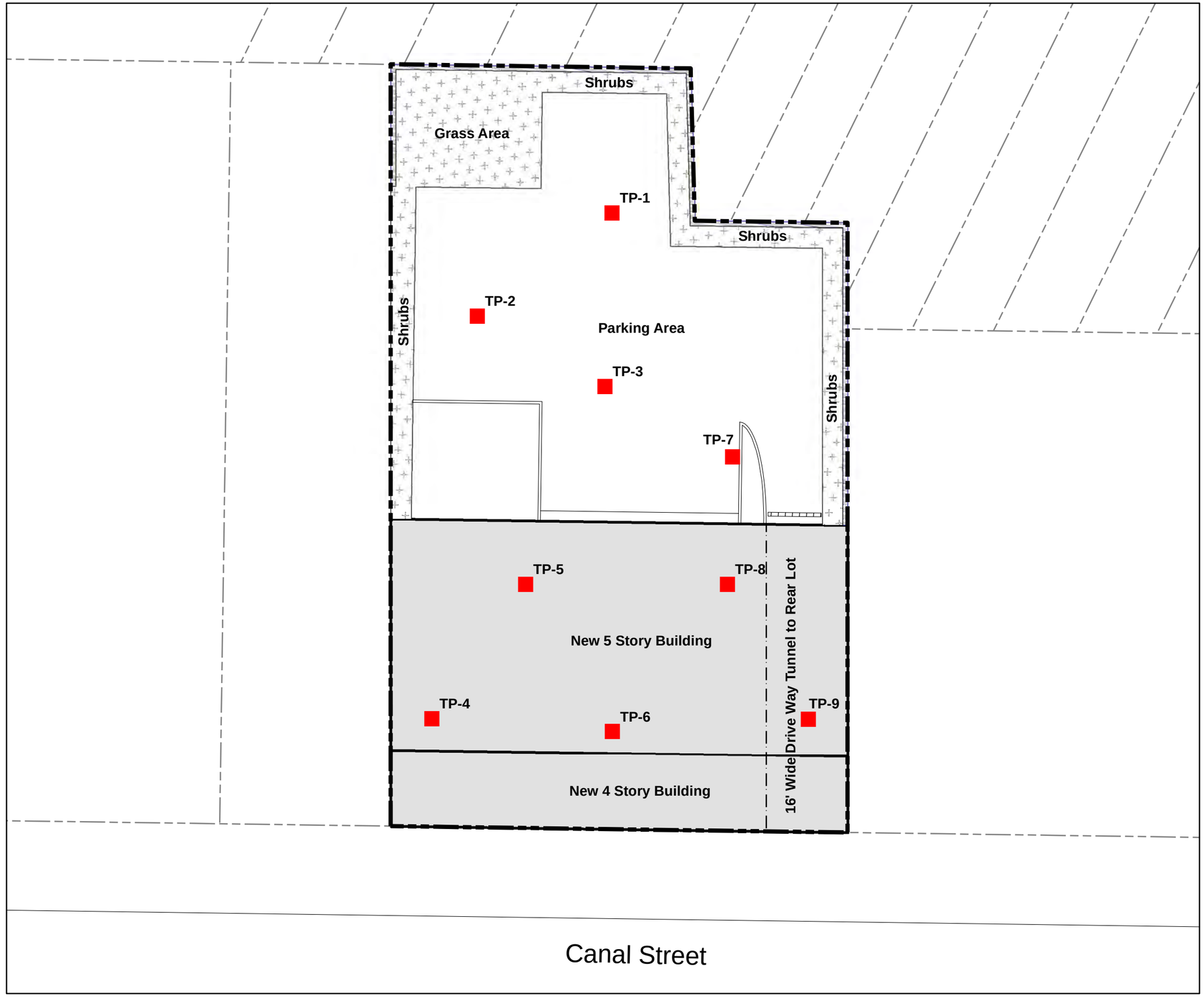
Based on this requirement, Tenen will require advance notice of the proposed facility in order to obtain these letters prior to the soil being disposed off-site.
Please contact us with any comments or questions

Sincerely,
Tenen Environmental, LLC

Matthew Carroll, P.E.
Principal / Environmental Engineer

Attachments:
Attachment 1: Scaled Map of Sample Locations
Attachment 2: Test Pit Logs
Attachment 3: Photographic Log
Attachment 4: Laboratory Deliverables

Attachment 1
Scaled Map of Sample Locations



Basemap: USGS Topographic Map, 7.5 Minute Quadrangles: Jersey City, NJ 2016 & The Narrows, NY, 2016

Legend

- Test Pit Location
- Tax Lots
- Site Boundary
- Proposed Building
- Grass/Shrub Areas

0 10 20 40 Feet

Site

197 Canal Street
Staten Island, New York
Block 527, Lots 50 & 52

TENEN ENVIRONMENTAL

Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
F: (646) 606-2379

Drawn By	Checked By	Date	Scale
LM	AP	September 2021	As Noted

Drawing Title: **Soil Characterization Sampling Locations**

Drawing No: **Attachment 1**

Attachment 2
Test Pit Logs

TENEN ENVIRONMENTAL

		Boring No.	TP-1
		Sheet	1 of 1
Site:	197 Canal Street	**Drilling Method:**	Excavator
Date:	9/1/2021	**Soil Sampling Method:**	Grab (VOC) & Composite
Weather:	Rain, 70s	**DTW:**	N/A
Observer:	A. Platt	**Driller :**	

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-5' - FILL, fine to coarse SP-SM, trace gravel & brick debris, trace organics, med. dense, moist
2				
3	0			
4				
5	0			
6	0	100%		5-6' - BR, fine to coarse SP-SM, trace gravel, med. dense, moist
7				
8				EOB @ 6 ft-bg
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TEN EN ENVIRONMENTAL

Boring No.	TP-2		
Sheet	1 of 1		
Site:	197 Canal Street	**Drilling Method:**	Excavator
Date:	9/1/2021	**Soil Sampling Method:**	Grab (VOC) & Composite
Weather:	Rain, 70s	**DTW:**	N/A
Observer:	A. Platt	**Driller :**	

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-5' - FILL, Brn, fine to medium SM, trace gravel, brick, & asphalt debris, med. dense, moist
2				
3	0			
4				
5	0			EOB @ 5 ft-bg
6	[redacted]			
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Site:	197 Canal Street	**Boring No.**	TP-3
Date:	9/1/2021	**Sheet**	1 of 1
Weather:	Rain, 70s	**Drilling Method:**	Excavator
Observer:	A. Platt	**Soil Sampling Method:**	Grab (VOC) & Composite
		DTW:	N/A
		Driller :	

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-4'- FILL, Bn, fine to med. SM, trace gravel, brick, & asphalt debris, med. dense, moist
2				
3	0			EOB @ 4 ft-bg
4				
5	0			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	TP-4
Sheet	1 of 1
Site: 197 Canal Street	**Drilling Method:** Excavator
Date: 9/1/2021	**Soil Sampling Method:** Grab (VOC) & Composite
Weather: Rain, 70s	**DTW:** N/A
Observer: A. Platt	**Driller :**

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-5' - FILL, Brn, fine to med. SM, trace gravel & brick debris, med. dense, moist
2				
3	0			
4				
5	0			
6	0	100%		5-6' - FILL, Brn, fine to med. SM, trace gravel, bricks, & asphalt debris, med. dense, moist
7				
8				EOB @ 6 ft-bg
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Site:	197 Canal Street	**Boring No.**	TP-5
Date:	9/1/2021	**Sheet**	1 of 1
Weather:	Rain, 70s	**Drilling Method:**	Excavator
Observer:	A. Platt	**Soil Sampling Method:**	Grab (VOC) & Composite
		DTW:	N/A
		Driller :	

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-4'- FILL, Brn, fine to med. SM, trace gravel & brick debris, medium dense, moist
2				
3	0			
4				EOB @ 4 ft-bg
5	0			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Site:	197 Canal Street	**Boring No.**	TP-6
Date:	9/1/2021	**Sheet**	1 of 1
Weather:	Rain, 70s	**Drilling Method:**	Excavator
Observer:	A. Platt	**Soil Sampling Method:**	Grab (VOC) & Composite
		DTW:	N/A
		Driller :	

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-4'- FILL, yellow to bn, fine to med. SP-SM, trace gravel & brick debris, medium dense, moist
2				
3	0			
4				EOB @ 4 ft-bg
5	0			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	TP-7
Sheet	1 of 1
Site: 197 Canal Street	**Drilling Method:** Excavator
Date: 9/1/2021	**Soil Sampling Method:** Grab (VOC) & Composite
Weather: Rain, 70s	**DTW:** N/A
Observer: A. Platt	**Driller :**

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-4'- FILL, Brn, fine to med. SM, trace gravel & brick debris, medium dense, moist.
2				
3	0			
4				EOB @ 4 ft-bg
5	0			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TEN EN ENVIRONMENTAL

Boring No.	TP-8		
Sheet	1 of 1		
Site:	197 Canal Street	**Drilling Method:**	Excavator
Date:	9/1/2021	**Soil Sampling Method:**	Grab (VOC) & Composite
Weather:	Rain, 70s	**DTW:**	N/A
Observer:	A. Platt	**Driller :**	

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-4'- FILL, Bn, fine to coarse SM, trace gravel & brick debris, medium dense, moist
2				
3	0			
4				EOB @ 4 ft-bg
5	0			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	TP-9
Sheet	1 of 1
Site: 197 Canal Street	**Drilling Method:** Excavator
Date: 9/1/2021	**Soil Sampling Method:** Grab (VOC) & Composite
Weather: Rain, 70s	**DTW:** N/A
Observer: A. Platt	**Driller :**

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0	100%		0-5'- FILL, yellow to reddish bn, fine to coarse SP-SM, trace gravel & brick debris, medium dense, moist
2				
3	0			
4				
5	0			
6	0	100%		5-6'- FILL, Reddish bn to bn, fine to med. SM, trace gravel & brick debris, medium dense, moist
7				
8				EOB @ 6 ft-bg
9				
10				
11				
12				
13				
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

Attachment 3
Photographic Log

Attachment 3 – Photographic Log

Photo 1 — View of TP-1 following excavation.	
Photo 2 – View of the stockpile generated from TP-1.	

Photo 3 – View of TP-2 following excavation.	
Photo 4 – View of the stockpile generated from TP-2.	

Photo 5 – View of TP-3 following excavation.	
Photo 6 – View of the stockpile generated from TP-3.	

Photo 7 – View of TP-4 following excavation.	
Photo 8 – View of the stockpile generated from TP-4.	

Photo 9 – View of TP-5 following excavation.	
Photo 10 – View of the stockpile generated from TP-5.	

Photo 11 – View of TP-6 following excavation.	
Photo 12 – View of the stockpile generated from TP-6.	

Photo 13 – View of TP-7 following excavation.	
Photo 14 – View of the stockpile generated from TP-7 (0-2 ft-bg).	

Photo 15 – View of the stockpile generated from TP-7 (2-4 ft-bg).	
Photo 16 – View of TP-8 following excavation.	

Photo 17 – View of the stockpile generated from TP-8.	
Photo 18 – View of TP-9 following excavation.	

Photo 19 – View of the stockpile generated from TP-9.		

Attachment 4
Laboratory Deliverables

ANALYTICAL REPORT

Lab Number:	L2147023
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Matthew Carroll
Phone:	(646) 606-2332
Project Name:	197 CANAL STREET
Project Number:	197 CANAL STREET
Report Date:	09/10/21

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: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2147023-01	WC-1_VOC	SOIL	STATEN ISLAND, NY	09/01/21 10:50	09/01/21
L2147023-02	WC-1	SOIL	STATEN ISLAND, NY	09/01/21 10:55	09/01/21
L2147023-03	WC-2_VOC	SOIL	STATEN ISLAND, NY	09/01/21 11:00	09/01/21
L2147023-04	WC-2	SOIL	STATEN ISLAND, NY	09/01/21 11:05	09/01/21

Project Name:	197 CANAL STREET	**Lab Number:**	L2147023
Project Number:	197 CANAL STREET	**Report Date:**	09/10/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	197 CANAL STREET	**Lab Number:**	L2147023
Project Number:	197 CANAL STREET	**Report Date:**	09/10/21

Case Narrative (continued)

Report Submission

September 10, 2021: This final report includes the results of all requested analyses.

September 10, 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.

Volatile Organics

The encores for Volatile Organics analysis were extruded beyond the required 48 hour holding time. The client was notified and the results of the analysis are reported.

PCBs

L2147023-02D: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Pesticides

L2147023-02 and -04: One or more dual column RPDs are above the acceptance criteria. For results above the reporting limit that yield RPDs greater than 100%, re-analysis on dilution will also be reported. For any target hits greater than 100% that have co-eluting analytes on one column, a further dilution is not required and the lower value is reported. Please refer to the sample results and/or QC section of the report for specific details.

Total Metals

L2147023-02 and -04: 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.

Project Name:	197 CANAL STREET	**Lab Number:**	L2147023
Project Number:	197 CANAL STREET	**Report Date:**	09/10/21

Case Narrative (continued)

Cyanide, Total

The WG1543600-2/-3 LCS/LCSD recoveries for cyanide, total (49%/52%), associated with L2147023-02 and -04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1543600-5 MSD recovery, performed on L2147023-02, is outside the acceptance criteria for cyanide, total (44%). No further action was taken. The MS/MSD RPD is above the acceptance criteria for cyanide, total (68%).

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 09/10/21

ORGANICS

VOLATILES

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-01
Client ID: WC-1_VOC
Sample Location: STATEN ISLAND, NY
Date Collected: 09/01/21 10:50
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/08/21 20:45
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-01 Date Collected: 09/01/21 10:50

Client ID: WC-1_VOC Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-01 Date Collected: 09/01/21 10:50

Client ID: WC-1_VOC Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.0	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Acrolein	ND		ug/kg	29	6.6	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.82	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	117		70-130

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-03
Client ID: WC-2_VOC
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 11:00
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/08/21 21:11
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-03 Date Collected: 09/01/21 11:00

Client ID: WC-2_VOC Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-03 Date Collected: 09/01/21 11:00

Client ID: WC-2_VOC Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	21	5.3	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Acrolein	ND		ug/kg	26	5.8	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	82	36.	1
Freon-113	ND		ug/kg	4.1	0.71	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	119		70-130

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/08/21 16:54
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03 Batch: WG1544351-5					
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: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/08/21 16:54
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03 Batch: WG1544351-5					
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: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/08/21 16:54
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03 Batch: WG1544351-5					
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
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
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
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/08/21 16:54
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03 Batch: WG1544351-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03 Batch: WG1544351-3 WG1544351-4								
Methylene chloride	90		88		70-130	2		30
1,1-Dichloroethane	92		90		70-130	2		30
Chloroform	91		89		70-130	2		30
Carbon tetrachloride	104		102		70-130	2		30
1,2-Dichloropropane	84		84		70-130	0		30
Dibromochloromethane	88		88		70-130	0		30
1,1,2-Trichloroethane	90		89		70-130	1		30
Tetrachloroethene	101		98		70-130	3		30
Chlorobenzene	90		89		70-130	1		30
Trichlorofluoromethane	97		95		70-139	2		30
1,2-Dichloroethane	91		90		70-130	1		30
1,1,1-Trichloroethane	97		95		70-130	2		30
Bromodichloromethane	94		93		70-130	1		30
trans-1,3-Dichloropropene	106		107		70-130	1		30
cis-1,3-Dichloropropene	90		89		70-130	1		30
1,1-Dichloropropene	94		92		70-130	2		30
Bromoform	89		90		70-130	1		30
1,1,2,2-Tetrachloroethane	89		89		70-130	0		30
Benzene	82		80		70-130	2		30
Toluene	87		85		70-130	2		30
Ethylbenzene	94		92		70-130	2		30
Chloromethane	92		87		52-130	6		30
Bromomethane	71		66		57-147	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03 Batch: WG1544351-3 WG1544351-4								
Vinyl chloride	**66**	Q	**63**	Q	67-130	5		30
Chloroethane	51		**49**	Q	50-151	4		30
1,1-Dichloroethene	92		89		65-135	3		30
trans-1,2-Dichloroethene	88		86		70-130	2		30
Trichloroethene	88		86		70-130	2		30
1,2-Dichlorobenzene	84		83		70-130	1		30
1,3-Dichlorobenzene	86		84		70-130	2		30
1,4-Dichlorobenzene	85		83		70-130	2		30
Methyl tert butyl ether	100		99		66-130	1		30
p/m-Xylene	87		86		70-130	1		30
o-Xylene	87		86		70-130	1		30
cis-1,2-Dichloroethene	85		83		70-130	2		30
Dibromomethane	84		84		70-130	0		30
Styrene	84		84		70-130	0		30
Dichlorodifluoromethane	72		69		30-146	4		30
Acetone	121		118		54-140	3		30
Carbon disulfide	83		80		59-130	4		30
2-Butanone	104		97		70-130	7		30
Vinyl acetate	89		88		70-130	1		30
4-Methyl-2-pentanone	96		93		70-130	3		30
1,2,3-Trichloropropane	87		87		68-130	0		30
2-Hexanone	106		104		70-130	2		30
Bromochloromethane	82		81		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03 Batch: WG1544351-3 WG1544351-4								
2,2-Dichloropropane	108		104		70-130	4		30
1,2-Dibromoethane	86		87		70-130	1		30
1,3-Dichloropropane	93		93		69-130	0		30
1,1,1,2-Tetrachloroethane	88		88		70-130	0		30
Bromobenzene	83		82		70-130	1		30
n-Butylbenzene	99		96		70-130	3		30
sec-Butylbenzene	96		94		70-130	2		30
tert-Butylbenzene	95		94		70-130	1		30
o-Chlorotoluene	91		90		70-130	1		30
p-Chlorotoluene	91		90		70-130	1		30
1,2-Dibromo-3-chloropropane	96		95		68-130	1		30
Hexachlorobutadiene	112		111		67-130	1		30
Isopropylbenzene	92		91		70-130	1		30
p-Isopropyltoluene	97		96		70-130	1		30
Naphthalene	95		94		70-130	1		30
Acrylonitrile	**193**	Q	**193**	Q	70-130	0		30
Tert-Butyl Alcohol	100		97		70-130	3		30
n-Propylbenzene	92		90		70-130	2		30
1,2,3-Trichlorobenzene	99		97		70-130	2		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
1,3,5-Trimethylbenzene	95		93		70-130	2		30
1,2,4-Trimethylbenzene	95		94		70-130	1		30
Methyl Acetate	96		94		51-146	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03 Batch: WG1544351-3 WG1544351-4								
Acrolein	**149**	Q	**142**	Q	70-130	5		30
Cyclohexane	103		101		59-142	2		30
1,4-Dioxane	78		78		65-136	0		30
Freon-113	110		105		50-139	5		30
p-Diethylbenzene	98		97		70-130	1		30
p-Ethyltoluene	95		93		70-130	2		30
1,2,4,5-Tetramethylbenzene	100		99		70-130	1		30
Ethyl ether	93		93		67-130	0		30
trans-1,4-Dichloro-2-butene	108		107		70-130	1		30
Methyl cyclohexane	101		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		116		70-130
Toluene-d8	108		107		70-130
4-Bromofluorobenzene	107		109		70-130
Dibromofluoromethane	108		105		70-130

SEMIVOLATILES

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/07/21 01:06
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 20:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		mg/kg	0.15	0.016	1
Benzidine	ND		mg/kg	0.62	0.20	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.19	0.021	1
Azobenzene	ND		mg/kg	0.19	0.014	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.018	1
Hexachlorobenzene	ND		mg/kg	0.054	0.018	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.067	0.022	1
1,2-Dichlorobenzene	ND		mg/kg	0.19	0.029	1
1,3-Dichlorobenzene	ND		mg/kg	0.19	0.032	1
1,4-Dichlorobenzene	ND		mg/kg	0.19	0.033	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.14	0.048	1
2,4-Dinitrotoluene	ND		mg/kg	0.093	0.031	1
2,6-Dinitrotoluene	ND		mg/kg	0.074	0.025	1
Fluoranthene	0.88		mg/kg	0.11	0.021	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.19	0.016	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.22	0.022	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.20	0.018	1
Hexachlorobutadiene	ND		mg/kg	0.070	0.023	1
Hexachlorocyclopentadiene	ND		mg/kg	0.54	0.12	1
Hexachloroethane	ND		mg/kg	0.091	0.030	1
Isophorone	ND		mg/kg	0.063	0.021	1
Naphthalene	0.038	J	mg/kg	0.19	0.023	1
Nitrobenzene	ND		mg/kg	0.083	0.028	1
NDPA/DPA	ND		mg/kg	0.046	0.015	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.047	0.016	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.19	0.019	1
Butyl benzyl phthalate	ND		mg/kg	0.19	0.025	1
Di-n-butylphthalate	ND		mg/kg	0.19	0.016	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02 Date Collected: 09/01/21 10:55

Client ID: WC-1 Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		mg/kg	0.19	0.058	1
Diethyl phthalate	ND		mg/kg	0.19	0.017	1
Dimethyl phthalate	ND		mg/kg	0.19	0.018	1
Benzo(a)anthracene	0.38		mg/kg	0.063	0.021	1
Benzo(a)pyrene	0.42		mg/kg	0.14	0.046	1
Benzo(b)fluoranthene	0.67		mg/kg	0.047	0.016	1
Benzo(k)fluoranthene	0.14		mg/kg	0.039	0.013	1
Chrysene	0.40		mg/kg	0.11	0.019	1
Acenaphthylene	0.12	J	mg/kg	0.15	0.021	1
Anthracene	0.10	J	mg/kg	0.11	0.017	1
Benzo(ghi)perylene	0.32		mg/kg	0.15	0.022	1
Fluorene	0.023	J	mg/kg	0.19	0.018	1
Phenanthrene	0.39		mg/kg	0.11	0.013	1
Dibenzo(a,h)anthracene	0.074		mg/kg	0.065	0.022	1
Indeno(1,2,3-cd)pyrene	0.36		mg/kg	0.079	0.026	1
Pyrene	0.72		mg/kg	0.11	0.016	1
4-Chloroaniline	ND		mg/kg	0.19	0.022	1
2-Nitroaniline	ND		mg/kg	0.19	0.034	1
3-Nitroaniline	ND		mg/kg	0.19	0.035	1
4-Nitroaniline	ND		mg/kg	0.19	0.078	1
Dibenzofuran	0.020	J	mg/kg	0.19	0.016	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.020	1
2,4,6-Trichlorophenol	ND		mg/kg	0.11	0.036	1
p-Chloro-m-cresol	ND		mg/kg	0.19	0.028	1
2-Chlorophenol	ND		mg/kg	0.062	0.020	1
2,4-Dichlorophenol	ND		mg/kg	0.090	0.030	1
2,4-Dimethylphenol	ND		mg/kg	0.18	0.060	1
2-Nitrophenol	ND		mg/kg	0.40	0.031	1
2,4-Dinitrophenol	ND		mg/kg	0.27	0.087	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.27	0.090	1
Pentachlorophenol	ND		mg/kg	0.12	0.041	1
Phenol	ND		mg/kg	0.19	0.022	1
2-Methylphenol	ND		mg/kg	0.19	0.029	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.27	0.027	1
2,4,5-Trichlorophenol	ND		mg/kg	0.19	0.036	1
Carbazole	0.066	J	mg/kg	0.19	0.012	1
Benzoic Acid	ND		mg/kg	0.60	0.12	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02 Date Collected: 09/01/21 10:55

Client ID: WC-1 Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
4-Nitrophenol	ND		mg/kg	0.26	0.052	1
n-Nitrosodimethylamine	ND		mg/kg	0.37	0.036	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.19	0.021	1
Benzaldehyde	0.033	J	mg/kg	0.25	0.029	1
Caprolactam	ND		mg/kg	0.19	0.040	1
Acetophenone	ND		mg/kg	0.19	0.020	1
Biphenyl	ND		mg/kg	0.43	0.043	1
Aniline	ND		mg/kg	0.22	0.020	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.19	0.020	1
Atrazine	ND		mg/kg	0.15	0.066	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.19	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		30-130
Phenol-d6	71		30-130
Nitrobenzene-d5	65		30-130
2-Fluorobiphenyl	61		30-130
2,4,6-Tribromophenol	60		30-130
4-Terphenyl-d14	51		30-130

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/06/21 23:07
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 20:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		mg/kg	0.15	0.016	1
Benzidine	ND		mg/kg	0.63	0.21	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.19	0.021	1
Azobenzene	ND		mg/kg	0.19	0.014	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.018	1
Hexachlorobenzene	ND		mg/kg	0.055	0.018	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.068	0.023	1
1,2-Dichlorobenzene	ND		mg/kg	0.19	0.030	1
1,3-Dichlorobenzene	ND		mg/kg	0.19	0.033	1
1,4-Dichlorobenzene	ND		mg/kg	0.19	0.033	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.15	0.049	1
2,4-Dinitrotoluene	ND		mg/kg	0.095	0.032	1
2,6-Dinitrotoluene	ND		mg/kg	0.075	0.025	1
Fluoranthene	1.9		mg/kg	0.11	0.022	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.19	0.016	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.23	0.022	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.20	0.018	1
Hexachlorobutadiene	ND		mg/kg	0.071	0.024	1
Hexachlorocyclopentadiene	ND		mg/kg	0.54	0.12	1
Hexachloroethane	ND		mg/kg	0.093	0.031	1
Isophorone	ND		mg/kg	0.064	0.021	1
Naphthalene	0.030	J	mg/kg	0.19	0.023	1
Nitrobenzene	ND		mg/kg	0.085	0.028	1
NDPA/DPA	ND		mg/kg	0.047	0.016	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.048	0.016	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.19	0.020	1
Butyl benzyl phthalate	ND		mg/kg	0.19	0.025	1
Di-n-butylphthalate	ND		mg/kg	0.19	0.017	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04 Date Collected: 09/01/21 11:05

Client ID: WC-2 Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		mg/kg	0.19	0.059	1
Diethyl phthalate	ND		mg/kg	0.19	0.017	1
Dimethyl phthalate	ND		mg/kg	0.19	0.018	1
Benzo(a)anthracene	0.87		mg/kg	0.064	0.021	1
Benzo(a)pyrene	0.99		mg/kg	0.14	0.046	1
Benzo(b)fluoranthene	1.4		mg/kg	0.048	0.016	1
Benzo(k)fluoranthene	0.42		mg/kg	0.040	0.013	1
Chrysene	0.83		mg/kg	0.11	0.020	1
Acenaphthylene	0.28		mg/kg	0.15	0.021	1
Anthracene	0.21		mg/kg	0.11	0.017	1
Benzo(ghi)perylene	0.66		mg/kg	0.15	0.022	1
Fluorene	0.026	J	mg/kg	0.19	0.018	1
Phenanthrene	0.55		mg/kg	0.11	0.014	1
Dibenzo(a,h)anthracene	0.17		mg/kg	0.066	0.022	1
Indeno(1,2,3-cd)pyrene	0.80		mg/kg	0.080	0.026	1
Pyrene	1.5		mg/kg	0.11	0.016	1
4-Chloroaniline	ND		mg/kg	0.19	0.022	1
2-Nitroaniline	ND		mg/kg	0.19	0.035	1
3-Nitroaniline	ND		mg/kg	0.19	0.036	1
4-Nitroaniline	ND		mg/kg	0.19	0.079	1
Dibenzofuran	0.017	J	mg/kg	0.19	0.017	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.020	1
2,4,6-Trichlorophenol	ND		mg/kg	0.11	0.036	1
p-Chloro-m-cresol	ND		mg/kg	0.19	0.028	1
2-Chlorophenol	ND		mg/kg	0.063	0.021	1
2,4-Dichlorophenol	ND		mg/kg	0.091	0.031	1
2,4-Dimethylphenol	ND		mg/kg	0.18	0.060	1
2-Nitrophenol	ND		mg/kg	0.41	0.031	1
2,4-Dinitrophenol	ND		mg/kg	0.27	0.089	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.27	0.091	1
Pentachlorophenol	ND		mg/kg	0.12	0.042	1
Phenol	ND		mg/kg	0.19	0.022	1
2-Methylphenol	ND		mg/kg	0.19	0.030	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.27	0.028	1
2,4,5-Trichlorophenol	ND		mg/kg	0.19	0.036	1
Carbazole	0.10	J	mg/kg	0.19	0.012	1
Benzoic Acid	ND		mg/kg	0.61	0.12	1

Project Name: 197 CANAL STREET **Lab Number:** L2147023

Project Number: 197 CANAL STREET **Report Date:** 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04 Date Collected: 09/01/21 11:05

Client ID: WC-2 Date Received: 09/01/21

Sample Location: STATEN ISLAND, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
4-Nitrophenol	ND		mg/kg	0.27	0.053	1
n-Nitrosodimethylamine	ND		mg/kg	0.38	0.036	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.19	0.021	1
Benzaldehyde	ND		mg/kg	0.25	0.030	1
Caprolactam	ND		mg/kg	0.19	0.041	1
Acetophenone	ND		mg/kg	0.19	0.020	1
Biphenyl	ND		mg/kg	0.43	0.044	1
Aniline	ND		mg/kg	0.23	0.020	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.19	0.020	1
Atrazine	ND		mg/kg	0.15	0.067	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.19	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		30-130
Phenol-d6	83		30-130
Nitrobenzene-d5	78		30-130
2-Fluorobiphenyl	68		30-130
2,4,6-Tribromophenol	69		30-130
4-Terphenyl-d14	58		30-130

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/06/21 16:49
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 09/05/21 13:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1543199-1					
Acenaphthene	ND		mg/kg	0.13	0.014
Benzidine	ND		mg/kg	0.54	0.18
1,2,4-Trichlorobenzene	ND		mg/kg	0.16	0.018
Azobenzene	ND		mg/kg	0.16	0.012
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
Hexachlorobenzene	ND		mg/kg	0.047	0.016
Bis(2-chloroethyl)ether	ND		mg/kg	0.059	0.020
1,2-Dichlorobenzene	ND		mg/kg	0.16	0.025
1,3-Dichlorobenzene	ND		mg/kg	0.16	0.028
1,4-Dichlorobenzene	ND		mg/kg	0.16	0.028
3,3'-Dichlorobenzidine	ND		mg/kg	0.12	0.042
2,4-Dinitrotoluene	ND		mg/kg	0.082	0.027
2,6-Dinitrotoluene	ND		mg/kg	0.065	0.022
Fluoranthene	ND		mg/kg	0.098	0.019
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.014
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.20	0.019
Bis(2-chloroethoxy)methane	ND		mg/kg	0.18	0.016
Hexachlorobutadiene	ND		mg/kg	0.061	0.020
Hexachlorocyclopentadiene	ND		mg/kg	0.47	0.10
Hexachloroethane	ND		mg/kg	0.080	0.026
Isophorone	ND		mg/kg	0.055	0.018
Naphthalene	ND		mg/kg	0.16	0.020
Nitrobenzene	ND		mg/kg	0.073	0.024
NDPA/DPA	ND		mg/kg	0.040	0.013
n-Nitrosodi-n-propylamine	ND		mg/kg	0.041	0.014
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.16	0.017
Butyl benzyl phthalate	ND		mg/kg	0.16	0.022
Di-n-butylphthalate	ND		mg/kg	0.16	0.014
Di-n-octylphthalate	ND		mg/kg	0.16	0.051

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/06/21 16:49
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 09/05/21 13:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1543199-1					
Diethyl phthalate	ND		mg/kg	0.16	0.015
Dimethyl phthalate	ND		mg/kg	0.16	0.016
Benzo(a)anthracene	ND		mg/kg	0.055	0.018
Benzo(a)pyrene	ND		mg/kg	0.12	0.040
Benzo(b)fluoranthene	ND		mg/kg	0.041	0.014
Benzo(k)fluoranthene	ND		mg/kg	0.034	0.011
Chrysene	ND		mg/kg	0.098	0.017
Acenaphthylene	ND		mg/kg	0.13	0.018
Anthracene	ND		mg/kg	0.098	0.014
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.012
Dibenzo(a,h)anthracene	ND		mg/kg	0.057	0.019
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.069	0.023
Pyrene	ND		mg/kg	0.098	0.014
4-Chloroaniline	ND		mg/kg	0.16	0.019
2-Nitroaniline	ND		mg/kg	0.16	0.030
3-Nitroaniline	ND		mg/kg	0.16	0.031
4-Nitroaniline	ND		mg/kg	0.16	0.068
Dibenzofuran	ND		mg/kg	0.16	0.014
2-Methylnaphthalene	ND		mg/kg	0.20	0.017
2,4,6-Trichlorophenol	ND		mg/kg	0.093	0.031
p-Chloro-m-cresol	ND		mg/kg	0.16	0.024
2-Chlorophenol	ND		mg/kg	0.054	0.018
2,4-Dichlorophenol	ND		mg/kg	0.079	0.026
2,4-Dimethylphenol	ND		mg/kg	0.16	0.052
2-Nitrophenol	ND		mg/kg	0.35	0.027
2,4-Dinitrophenol	ND		mg/kg	0.24	0.076
4,6-Dinitro-o-cresol	ND		mg/kg	0.24	0.079

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/06/21 16:49
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 09/05/21 13:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1543199-1					
Pentachlorophenol	ND		mg/kg	0.11	0.036
Phenol	ND		mg/kg	0.16	0.019
2-Methylphenol	ND		mg/kg	0.16	0.025
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.24	0.024
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.031
Carbazole	ND		mg/kg	0.16	0.010
Benzoic Acid	ND		mg/kg	0.52	0.11
4-Nitrophenol	ND		mg/kg	0.23	0.046
n-Nitrosodimethylamine	ND		mg/kg	0.33	0.031
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.018
Benzaldehyde	ND		mg/kg	0.22	0.026
Caprolactam	ND		mg/kg	0.16	0.035
Acetophenone	ND		mg/kg	0.16	0.017
Biphenyl	ND		mg/kg	0.37	0.038
Aniline	ND		mg/kg	0.20	0.017
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.017
Atrazine	ND		mg/kg	0.13	0.057
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		30-130
Phenol-d6	95		30-130
Nitrobenzene-d5	83		30-130
2-Fluorobiphenyl	78		30-130
2,4,6-Tribromophenol	69		30-130
4-Terphenyl-d14	76		30-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1543199-2 WG1543199-3								
Acenaphthene	78		74		70-130	5		30
Benzidine	37		38		20-160	3		30
1,2,4-Trichlorobenzene	75		**67**	Q	70-130	11		30
Azobenzene	95		91		70-130	4		30
2-Chloronaphthalene	80		74		70-130	8		30
Hexachlorobenzene	76		71		70-130	7		30
Bis(2-chloroethyl)ether	83		78		70-130	6		30
1,2-Dichlorobenzene	78		**69**	Q	70-130	12		30
1,3-Dichlorobenzene	77		**68**	Q	70-130	12		30
1,4-Dichlorobenzene	76		**68**	Q	70-130	11		30
3,3'-Dichlorobenzidine	**66**	Q	**65**	Q	70-130	2		30
2,4-Dinitrotoluene	82		78		70-130	5		30
2,6-Dinitrotoluene	80		77		70-130	4		30
Fluoranthene	79		75		70-130	5		30
4-Chlorophenyl phenyl ether	78		74		70-130	5		30
Bis(2-chloroisopropyl)ether	90		80		70-130	12		30
Bis(2-chloroethoxy)methane	84		78		70-130	7		30
Hexachlorobutadiene	79		**69**	Q	70-130	14		30
Hexachlorocyclopentadiene	80		71		20-160	12		30
Hexachloroethane	74		67		20-160	10		30
Isophorone	80		75		70-130	6		30
Naphthalene	78		71		70-130	9		30
Nitrobenzene	86		77		70-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1543199-2 WG1543199-3								
NDPA/DPA	80		76		70-130	5		30
n-Nitrosodi-n-propylamine	86		79		70-130	8		30
Bis(2-ethylhexyl)phthalate	87		84		70-130	4		30
Butyl benzyl phthalate	81		76		70-130	6		30
Di-n-butylphthalate	85		81		70-130	5		30
Di-n-octylphthalate	88		85		70-130	3		30
Diethyl phthalate	80		77		70-130	4		30
Dimethyl phthalate	77		74		70-130	4		30
Benzo(a)anthracene	77		74		70-130	4		30
Benzo(a)pyrene	79		75		70-130	5		30
Benzo(b)fluoranthene	81		77		70-130	5		30
Benzo(k)fluoranthene	72		71		70-130	1		30
Chrysene	73		70		70-130	4		30
Acenaphthylene	80		76		70-130	5		30
Anthracene	78		75		70-130	4		30
Benzo(ghi)perylene	77		73		70-130	5		30
Fluorene	78		74		70-130	5		30
Phenanthrene	76		72		70-130	5		30
Dibenzo(a,h)anthracene	76		73		70-130	4		30
Indeno(1,2,3-cd)pyrene	77		73		70-130	5		30
Pyrene	76		72		70-130	5		30
4-Chloroaniline	91		87		20-160	4		30
2-Nitroaniline	81		78		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1543199-2 WG1543199-3								
3-Nitroaniline	80		81		70-130	1		30
4-Nitroaniline	85		83		70-130	2		30
Dibenzofuran	79		75		70-130	5		30
2-Methylnaphthalene	96		89		70-130	8		30
2,4,6-Trichlorophenol	88		84		70-130	5		30
p-Chloro-m-cresol	91		86		70-130	6		30
2-Chlorophenol	84		76		70-130	10		30
2,4-Dichlorophenol	84		80		70-130	5		30
2,4-Dimethylphenol	81		77		70-130	5		30
2-Nitrophenol	80		72		70-130	11		30
2,4-Dinitrophenol	57		55		20-160	4		30
4,6-Dinitro-o-cresol	73		**69**	Q	70-130	6		30
Pentachlorophenol	73		70		20-160	4		30
Phenol	91		84		20-160	8		30
2-Methylphenol	87		82		70-130	6		30
3-Methylphenol/4-Methylphenol	87		83		20-160	5		30
2,4,5-Trichlorophenol	85		82		70-130	4		30
Carbazole	82		78		70-130	5		30
Benzoic Acid	28		28		20-160	0		30
4-Nitrophenol	94		90		20-160	4		30
n-Nitrosodimethylamine	78		69		20-160	12		30
4-Bromophenyl phenyl ether	81		79		70-130	3		30
Benzaldehyde	82		71		20-160	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1543199-2 WG1543199-3								
Caprolactam	92		89		20-160	3		30
Acetophenone	87		79		70-130	10		30
Biphenyl	84		79		70-130	6		30
Aniline	78		72		20-160	8		30
1,2,4,5-Tetrachlorobenzene	80		74		70-130	8		30
Atrazine	85		83		70-130	2		30
2,3,4,6-Tetrachlorophenol	78		76		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		72		30-130
Phenol-d6	94		86		30-130
Nitrobenzene-d5	82		74		30-130
2-Fluorobiphenyl	75		69		30-130
2,4,6-Tribromophenol	75		72		30-130
4-Terphenyl-d14	70		67		30-130

PETROLEUM HYDROCARBONS

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/07/21 21:55
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 12:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	129.		mg/kg	36.0	4.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/07/21 23:10
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 12:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	235.		mg/kg	36.1	4.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/07/21 21:30
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 09/05/21 12:53

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 02,04 Batch: WG1543195-1					
TPH (C10-C36)	ND		mg/kg	32.9	3.79

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 02,04 Batch: WG1543195-2								
TPH (C10-C36)	101		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	92				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab	Associated sample(s): 02,04		QC Batch ID: WG1543195-3			QC Sample: L2147023-02			Client ID: WC-1			
TPH (C10-C36)	129	104	257	123		-	-		40-140	-		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	95				40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1543195-4 QC Sample: L2147023-02 Client ID: WC-1						
TPH (C10-C36)	129	139	mg/kg	7		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		91		40-140

PCBS

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02 D
Client ID: WC-1
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/07/21 17:31
Analyst: AD
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 02:49
Cleanup Method: EPA 3665A
Cleanup Date: 09/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 09/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.739	0.0656	20	A
Aroclor 1221	ND		mg/kg	0.739	0.0740	20	A
Aroclor 1232	ND		mg/kg	0.739	0.156	20	A
Aroclor 1242	ND		mg/kg	0.739	0.0996	20	A
Aroclor 1248	ND		mg/kg	0.739	0.111	20	A
Aroclor 1254	11.5		mg/kg	0.739	0.0808	20	A
Aroclor 1260	ND		mg/kg	0.739	0.136	20	A
Aroclor 1262	ND		mg/kg	0.739	0.0938	20	A
Aroclor 1268	ND		mg/kg	0.739	0.0765	20	A
PCBs, Total	11.5		mg/kg	0.739	0.0656	20	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/07/21 16:36
Analyst: CW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 02:49
Cleanup Method: EPA 3665A
Cleanup Date: 09/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 09/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0377	0.00335	1	A
Aroclor 1221	ND		mg/kg	0.0377	0.00378	1	A
Aroclor 1232	ND		mg/kg	0.0377	0.00799	1	A
Aroclor 1242	ND		mg/kg	0.0377	0.00508	1	A
Aroclor 1248	ND		mg/kg	0.0377	0.00565	1	A
Aroclor 1254	0.540		mg/kg	0.0377	0.00412	1	B
Aroclor 1260	ND		mg/kg	0.0377	0.00697	1	A
Aroclor 1262	ND		mg/kg	0.0377	0.00479	1	A
Aroclor 1268	ND		mg/kg	0.0377	0.00390	1	A
PCBs, Total	0.540		mg/kg	0.0377	0.00335	1	B

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	77		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/07/21 14:25
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 09/05/21 00:26
Cleanup Method: EPA 3665A
Cleanup Date: 09/05/21
Cleanup Method: EPA 3660B
Cleanup Date: 09/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,04 Batch: WG1543147-1						
Aroclor 1016	ND		mg/kg	0.0329	0.00292	A
Aroclor 1221	ND		mg/kg	0.0329	0.00330	A
Aroclor 1232	ND		mg/kg	0.0329	0.00698	A
Aroclor 1242	ND		mg/kg	0.0329	0.00444	A
Aroclor 1248	ND		mg/kg	0.0329	0.00494	A
Aroclor 1254	ND		mg/kg	0.0329	0.00360	A
Aroclor 1260	ND		mg/kg	0.0329	0.00608	A
Aroclor 1262	ND		mg/kg	0.0329	0.00418	A
Aroclor 1268	ND		mg/kg	0.0329	0.00341	A
PCBs, Total	ND		mg/kg	0.0329	0.00292	A

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1543147-2 WG1543147-3									
Aroclor 1016	76		74		40-140	3		30	A
Aroclor 1260	72		71		40-140	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		62		30-150	A
Decachlorobiphenyl	62		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		66		30-150	B
Decachlorobiphenyl	60		60		30-150	B

PESTICIDES

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/07/21 16:22
Analyst: AR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 03:25
Cleanup Method: EPA 3620B
Cleanup Date: 09/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Pesticides by GC - Westborough Lab							
Delta-BHC	ND		mg/kg	0.00175	0.00034	1	A
Lindane	ND		mg/kg	0.00073	0.00032	1	A
Alpha-BHC	ND		mg/kg	0.00073	0.00020	1	A
Beta-BHC	ND		mg/kg	0.00175	0.00066	1	A
Heptachlor	ND		mg/kg	0.00087	0.00039	1	A
Aldrin	ND		mg/kg	0.00175	0.00061	1	A
Heptachlor epoxide	ND		mg/kg	0.00329	0.00098	1	A
Endrin	ND		mg/kg	0.00073	0.00030	1	A
Endrin aldehyde	ND		mg/kg	0.00219	0.00076	1	A
Endrin ketone	ND		mg/kg	0.00175	0.00045	1	A
Dieldrin	ND		mg/kg	0.00110	0.00054	1	A
4,4'-DDE	ND		mg/kg	0.00175	0.00040	1	A
4,4'-DDD	0.00800		mg/kg	0.00175	0.00062	1	A
4,4'-DDT	0.00544	IP	mg/kg	0.00329	0.00141	1	A
Endosulfan I	ND		mg/kg	0.00175	0.00041	1	A
Endosulfan II	ND		mg/kg	0.00175	0.00058	1	A
Endosulfan sulfate	ND		mg/kg	0.00073	0.00034	1	A
Methoxychlor	ND		mg/kg	0.00329	0.00102	1	A
Toxaphene	ND		mg/kg	0.0329	0.00921	1	A
Chlordane	ND		mg/kg	0.0146	0.00581	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/07/21 13:28
Analyst: AR
Percent Solids: 88%
Methylation Date: 09/06/21 21:40

Extraction Method: EPA 8151A
Extraction Date: 09/06/21 05:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		mg/kg	0.187	0.0118	1	A
2,4,5-T	ND		mg/kg	0.187	0.00581	1	A
2,4,5-TP (Silvex)	ND		mg/kg	0.187	0.00499	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	77		30-150	B

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/07/21 16:33
Analyst: AR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/05/21 03:25
Cleanup Method: EPA 3620B
Cleanup Date: 09/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Pesticides by GC - Westborough Lab							
Delta-BHC	ND		mg/kg	0.00180	0.00035	1	A
Lindane	ND		mg/kg	0.00074	0.00033	1	A
Alpha-BHC	ND		mg/kg	0.00074	0.00021	1	A
Beta-BHC	ND		mg/kg	0.00180	0.00068	1	A
Heptachlor	ND		mg/kg	0.00089	0.00040	1	A
Aldrin	ND		mg/kg	0.00180	0.00063	1	A
Heptachlor epoxide	ND		mg/kg	0.00337	0.00101	1	A
Endrin	ND		mg/kg	0.00074	0.00030	1	A
Endrin aldehyde	ND		mg/kg	0.00224	0.00078	1	A
Endrin ketone	ND		mg/kg	0.00180	0.00046	1	A
Dieldrin	ND		mg/kg	0.00112	0.00056	1	A
4,4'-DDE	ND		mg/kg	0.00180	0.00041	1	A
4,4'-DDD	0.00621		mg/kg	0.00180	0.00064	1	A
4,4'-DDT	0.00913	IP	mg/kg	0.00337	0.00144	1	A
Endosulfan I	ND		mg/kg	0.00180	0.00042	1	A
Endosulfan II	ND		mg/kg	0.00180	0.00060	1	A
Endosulfan sulfate	ND		mg/kg	0.00074	0.00035	1	A
Methoxychlor	ND		mg/kg	0.00337	0.00105	1	A
Toxaphene	ND		mg/kg	0.0337	0.00943	1	A
Chlordane	ND		mg/kg	0.0150	0.00595	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/07/21 14:23
Analyst: AR
Percent Solids: 87%
Methylation Date: 09/06/21 21:40

Extraction Method: EPA 8151A
Extraction Date: 09/06/21 05:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		mg/kg	0.186	0.0117	1	A
2,4,5-T	ND		mg/kg	0.186	0.00577	1	A
2,4,5-TP (Silvex)	ND		mg/kg	0.186	0.00495	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	67		30-150	B

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/07/21 18:10
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 09/05/21 03:25
Cleanup Method: EPA 3620B
Cleanup Date: 09/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Pesticides by GC - Westborough Lab for sample(s): 02,04 Batch: WG1543155-1						
Delta-BHC	ND		mg/kg	0.00154	0.00030	A
Lindane	ND		mg/kg	0.00064	0.00028	A
Alpha-BHC	ND		mg/kg	0.00064	0.00018	A
Beta-BHC	ND		mg/kg	0.00154	0.00058	A
Heptachlor	ND		mg/kg	0.00076	0.00034	A
Aldrin	ND		mg/kg	0.00154	0.00054	A
Heptachlor epoxide	ND		mg/kg	0.00288	0.00086	A
Endrin	ND		mg/kg	0.00064	0.00026	A
Endrin aldehyde	ND		mg/kg	0.00192	0.00067	A
Endrin ketone	ND		mg/kg	0.00154	0.00039	A
Dieldrin	ND		mg/kg	0.00096	0.00048	A
4,4'-DDE	ND		mg/kg	0.00154	0.00035	A
4,4'-DDD	ND		mg/kg	0.00154	0.00054	A
4,4'-DDT	ND		mg/kg	0.00288	0.00124	A
Endosulfan I	ND		mg/kg	0.00154	0.00036	A
Endosulfan II	ND		mg/kg	0.00154	0.00051	A
Endosulfan sulfate	ND		mg/kg	0.00064	0.00030	A
Methoxychlor	ND		mg/kg	0.00288	0.00089	A
Toxaphene	ND		mg/kg	0.0288	0.00808	A
Chlordane	ND		mg/kg	0.0128	0.00510	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	131		30-150	B

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/07/21 12:34
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 09/06/21 05:06

Methylation Date: 09/06/21 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 02,04 Batch: WG1543264-1						
2,4-D	ND		mg/kg	0.163	0.0103	A
2,4,5-T	ND		mg/kg	0.163	0.00506	A
2,4,5-TP (Silvex)	ND		mg/kg	0.163	0.00434	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1543155-2 WG1543155-3									
Delta-BHC	87		96		40-140	10		30	A
Lindane	90		99		40-140	10		30	A
Alpha-BHC	93		102		40-140	9		30	A
Beta-BHC	80		88		40-140	10		30	A
Heptachlor	96		101		40-140	5		30	A
Aldrin	92		98		40-140	6		30	A
Heptachlor epoxide	86		93		40-140	8		30	A
Endrin	99		103		40-140	4		30	A
Endrin aldehyde	62		56		40-140	10		30	A
Endrin ketone	87		94		40-140	8		30	A
Dieldrin	101		105		40-140	4		30	A
4,4'-DDE	98		98		40-140	0		30	A
4,4'-DDD	106		108		40-140	2		30	A
4,4'-DDT	106		104		40-140	2		30	A
Endosulfan I	88		92		40-140	4		30	A
Endosulfan II	95		99		40-140	4		30	A
Endosulfan sulfate	67		75		40-140	11		30	A
Methoxychlor	90		90		40-140	0		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1543155-2 WG1543155-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		102		30-150	A
Decachlorobiphenyl	101		115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		101		30-150	B
Decachlorobiphenyl	119		137		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1543264-2 WG1543264-3									
2,4-D	76		77		30-150	1		30	A
2,4,5-T	79		77		30-150	3		30	A
2,4,5-TP (Silvex)	77		78		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	80		79		30-150	A
DCAA	83		82		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1543264-4 QC Sample: L2147023-02 Client ID: WC-1													
2,4-D	ND	0.186	0.135J	73		-	-		30-150	-		30	A
2,4,5-T	ND	0.186	0.134J	72		-	-		30-150	-		30	A
2,4,5-TP (Silvex)	ND	0.186	0.136J	73		-	-		30-150	-		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	80				30-150	A
DCAA	77				30-150	B

Lab Duplicate Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1543264-5 QC Sample: L2147023-02 Client ID: WC-1							
2,4-D	ND	ND	mg/kg	NC		30	A
2,4,5-T	ND	ND	mg/kg	NC		30	A
2,4,5-TP (Silvex)	ND	ND	mg/kg	NC		30	A

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		82		30-150	A
DCAA	77		75		30-150	B

METALS

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY
Sample Depth:
Matrix: Soil
Percent Solids: 88%

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/03/21 04:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Barium, TCLP	0.816		mg/l	0.500	0.021	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Copper, TCLP	0.022	J	mg/l	0.200	0.022	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Lead, TCLP	0.517		mg/l	0.500	0.027	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/07/21 20:02	09/08/21 18:30	EPA 7470A	1,7470A	OU
Nickel, TCLP	0.050	J	mg/l	0.500	0.024	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV
Zinc, TCLP	0.614		mg/l	0.500	0.021	1	09/07/21 19:30	09/10/21 14:00	EPA 3015	1,6010D	SV

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY
Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6050		mg/kg	9.11	2.46	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.56	0.346	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Arsenic, Total	6.82		mg/kg	0.911	0.190	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Barium, Total	53.3		mg/kg	0.911	0.158	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Beryllium, Total	0.355	J	mg/kg	0.456	0.030	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.911	0.089	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Calcium, Total	10600		mg/kg	9.11	3.19	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Chromium, Total	21.9		mg/kg	0.911	0.088	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Cobalt, Total	14.0		mg/kg	1.82	0.151	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Copper, Total	25.0		mg/kg	0.911	0.235	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Iron, Total	15800		mg/kg	4.56	0.823	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Lead, Total	90.8		mg/kg	4.56	0.244	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Magnesium, Total	9280		mg/kg	9.11	1.40	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Manganese, Total	358		mg/kg	0.911	0.145	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Mercury, Total	0.107		mg/kg	0.077	0.050	1	09/03/21 21:21	09/07/21 12:46	EPA 7471B	1,7471B	OU
Nickel, Total	220		mg/kg	2.28	0.220	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Potassium, Total	1380		mg/kg	228	13.1	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.82	0.235	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.911	0.258	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Sodium, Total	97.0	J	mg/kg	182	2.87	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.82	0.287	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Vanadium, Total	24.7		mg/kg	0.911	0.185	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV
Zinc, Total	81.5		mg/kg	4.56	0.267	2	09/03/21 21:03	09/04/21 18:31	EPA 3050B	1,6010D	SV

Project Name: 197 CANAL STREET
Lab Number: L2147023
Project Number: 197 CANAL STREET
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY
Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%
TCLP/SPLP Ext. Date: 09/03/21 04:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Barium, TCLP	0.706		mg/l	0.500	0.021	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Copper, TCLP	0.043	J	mg/l	0.200	0.022	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Lead, TCLP	0.270	J	mg/l	0.500	0.027	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/07/21 20:02	09/08/21 18:33	EPA 7470A	1,7470A	OU
Nickel, TCLP	0.070	J	mg/l	0.500	0.024	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV
Zinc, TCLP	0.635		mg/l	0.500	0.021	1	09/07/21 19:30	09/10/21 14:05	EPA 3015	1,6010D	SV

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY
Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5610		mg/kg	8.82	2.38	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.41	0.335	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Arsenic, Total	4.82		mg/kg	0.882	0.183	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Barium, Total	103		mg/kg	0.882	0.153	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Beryllium, Total	0.291	J	mg/kg	0.441	0.029	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.882	0.086	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Calcium, Total	10600		mg/kg	8.82	3.09	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Chromium, Total	18.1		mg/kg	0.882	0.085	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Cobalt, Total	13.3		mg/kg	1.76	0.146	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Copper, Total	36.0		mg/kg	0.882	0.228	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Iron, Total	16000		mg/kg	4.41	0.796	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Lead, Total	266		mg/kg	4.41	0.236	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Magnesium, Total	8060		mg/kg	8.82	1.36	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Manganese, Total	307		mg/kg	0.882	0.140	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Mercury, Total	0.141		mg/kg	0.073	0.048	1	09/03/21 21:21	09/07/21 12:49	EPA 7471B	1,7471B	OU
Nickel, Total	132		mg/kg	2.20	0.213	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Potassium, Total	773		mg/kg	220	12.7	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.76	0.228	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.882	0.250	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Sodium, Total	119	J	mg/kg	176	2.78	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.76	0.278	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Vanadium, Total	25.0		mg/kg	0.882	0.179	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV
Zinc, Total	149		mg/kg	4.41	0.258	2	09/03/21 21:03	09/04/21 18:35	EPA 3050B	1,6010D	SV

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04 Batch: WG1542824-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Iron, Total	ND		mg/kg	2.00	0.361	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Sodium, Total	3.33	J	mg/kg	80.0	1.26	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/03/21 21:03	09/04/21 18:18	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/03/21 21:03	09/04/21 18:18	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): 02,04 Batch: WG1542825-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/03/21 21:21	09/07/21 12:16	1,7471B	OU

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02,04 Batch: WG1543648-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Barium, TCLP	ND		mg/l	0.500	0.021	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Copper, TCLP	ND		mg/l	0.200	0.022	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Nickel, TCLP	ND		mg/l	0.500	0.024	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV
Zinc, TCLP	ND		mg/l	0.500	0.021	1	09/07/21 19:30	09/10/21 13:30	1,6010D	SV

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/01/21 05:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02,04 Batch: WG1543656-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/07/21 20:02	09/08/21 18:14	1,7470A	OU

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/01/21 05:37

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 Batch: WG1542824-2 SRM Lot Number: D109-540								
Aluminum, Total	72		-		50-150	-		
Antimony, Total	146		-		19-250	-		
Arsenic, Total	113		-		70-130	-		
Barium, Total	101		-		75-125	-		
Beryllium, Total	103		-		75-125	-		
Cadmium, Total	104		-		75-125	-		
Calcium, Total	103		-		73-128	-		
Chromium, Total	105		-		70-130	-		
Cobalt, Total	105		-		75-125	-		
Copper, Total	107		-		75-125	-		
Iron, Total	96		-		35-165	-		
Lead, Total	109		-		72-128	-		
Magnesium, Total	88		-		62-138	-		
Manganese, Total	106		-		74-126	-		
Nickel, Total	105		-		70-130	-		
Potassium, Total	87		-		59-141	-		
Selenium, Total	112		-		68-132	-		
Silver, Total	112		-		68-131	-		
Sodium, Total	99		-		35-165	-		
Thallium, Total	102		-		68-131	-		
Vanadium, Total	100		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET

Project Number: 197 CANAL STREET

Lab Number: L2147023

Report Date: 09/10/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 Batch: WG1542824-2 SRM Lot Number: D109-540					
Zinc, Total	108	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 02,04 Batch: WG1542825-2 SRM Lot Number: D109-540					
Mercury, Total	86	-	60-140	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,04 Batch: WG1543648-2					
Arsenic, TCLP	108	-	75-125	-	20
Barium, TCLP	101	-	75-125	-	20
Cadmium, TCLP	100	-	75-125	-	20
Chromium, TCLP	99	-	75-125	-	20
Copper, TCLP	101	-	75-125	-	20
Lead, TCLP	96	-	75-125	-	20
Nickel, TCLP	92	-	75-125	-	20
Selenium, TCLP	106	-	75-125	-	20
Silver, TCLP	94	-	75-125	-	20
Zinc, TCLP	103	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,04 Batch: WG1543656-2					
Mercury, TCLP	116	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1542824-3 QC Sample: L2147067-01 Client ID: MS Sample												
Aluminum, Total	525	194	794	**138**	Q	-	-		75-125	-		20
Antimony, Total	ND	48.5	47.6	98		-	-		75-125	-		20
Arsenic, Total	0.759	11.6	12.2	98		-	-		75-125	-		20
Barium, Total	2.67	194	194	98		-	-		75-125	-		20
Beryllium, Total	0.020J	4.85	4.88	100		-	-		75-125	-		20
Cadmium, Total	1.45	5.14	6.26	93		-	-		75-125	-		20
Calcium, Total	423	971	1330	93		-	-		75-125	-		20
Chromium, Total	2.37	19.4	21.2	97		-	-		75-125	-		20
Cobalt, Total	0.591J	48.5	46.6	96		-	-		75-125	-		20
Copper, Total	0.647	24.3	24.6	99		-	-		75-125	-		20
Iron, Total	1100	97.1	1140	**41**	Q	-	-		75-125	-		20
Lead, Total	2.63	51.4	52.4	97		-	-		75-125	-		20
Magnesium, Total	188	971	1130	97		-	-		75-125	-		20
Manganese, Total	13.6	48.5	58.8	93		-	-		75-125	-		20
Nickel, Total	0.846J	48.5	45.7	94		-	-		75-125	-		20
Potassium, Total	56.3J	971	1010	104		-	-		75-125	-		20
Selenium, Total	ND	11.6	11.2	96		-	-		75-125	-		20
Silver, Total	ND	29.1	29.8	102		-	-		75-125	-		20
Sodium, Total	13.8J	971	970	100		-	-		75-125	-		20
Thallium, Total	ND	11.6	11.2	96		-	-		75-125	-		20
Vanadium, Total	2.31	48.5	49.3	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1542824-3 QC Sample: L2147067-01 Client ID: MS Sample										
Zinc, Total	401	48.5	422	**43**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1542825-3 QC Sample: L2146877-06 Client ID: MS Sample										
Mercury, Total	ND	0.178	0.205	115		-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1543648-3 QC Sample: L2147178-01 Client ID: MS Sample										
Arsenic, TCLP	ND	1.2	1.31	109		-	-	75-125	-	20
Barium, TCLP	0.211J	20	20.2	101		-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.526	99		-	-	75-125	-	20
Chromium, TCLP	ND	2	1.96	98		-	-	75-125	-	20
Copper, TCLP	ND	2.5	2.51	100		-	-	75-125	-	20
Lead, TCLP	ND	5.3	5.08	96		-	-	75-125	-	20
Nickel, TCLP	ND	5	4.59	92		-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.29	108		-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.489	98		-	-	75-125	-	20
Zinc, TCLP	0.256J	5	5.34	107		-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1543656-3 QC Sample: L2146888-01 Client ID: MS Sample										
Mercury, TCLP	ND	0.025	0.0265	106		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1542824-4 QC Sample: L2147067-01 Client ID: DUP Sample						
Lead, Total	2.63	3.98	mg/kg	**41**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1542825-4 QC Sample: L2146877-06 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1543648-4 QC Sample: L2147178-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	0.020J	mg/l	NC		20
Barium, TCLP	0.211J	0.222J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Copper, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Nickel, TCLP	ND	0.025J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
Zinc, TCLP	0.256J	0.260J	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1543656-4 QC Sample: L2146888-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Dry Soil
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/07/21 20:50	1,1030	MD

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY
Sample Depth:
Matrix: Soil

Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Dry Soil
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/07/21 20:50	1,1030	MD

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-01
Client ID: WC-1_VOC
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:50
Date Received: 09/01/21
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	83.1		%	0.100	NA	1	-	09/02/21 10:53	121,2540G	RI

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-02
Client ID: WC-1
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 10:55
Date Received: 09/01/21
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	87.8		%	0.100	NA	1	-	09/02/21 10:53	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/08/21 15:30	09/09/21 12:08	1,9010C/9012B	CR
pH (H)	7.8		SU	-	NA	1	-	09/03/21 18:43	1,9045D	AS
Chromium, Hexavalent	ND		mg/kg	0.911	0.182	1	09/08/21 17:51	09/09/21 17:06	1,7196A	PB
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/07/21 16:52	09/07/21 19:01	125,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/07/21 16:52	09/07/21 18:22	125,7.3	TL
Paint Filter Liquid	NEGATIVE		-	0	NA	1	-	09/03/21 17:33	1,9095B	AS

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-03
Client ID: WC-2_VOC
Sample Location: STATEN ISLAND, NY

Date Collected: 09/01/21 11:00
Date Received: 09/01/21
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	90.5		%	0.100	NA	1	-	09/02/21 10:53	121,2540G	RI

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

SAMPLE RESULTS

Lab ID: L2147023-04
Client ID: WC-2
Sample Location: STATEN ISLAND, NY

Sample Depth:
Matrix: Soil

Date Collected: 09/01/21 11:05
Date Received: 09/01/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	09/02/21 10:53	121,2540G	RI
Cyanide, Total	0.42	J	mg/kg	1.1	0.23	1	09/08/21 15:30	09/09/21 12:11	1,9010C/9012B	CR
pH (H)	7.9		SU	-	NA	1	-	09/03/21 18:43	1,9045D	AS
Chromium, Hexavalent	ND		mg/kg	0.922	0.184	1	09/08/21 17:51	09/09/21 17:07	1,7196A	PB
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/07/21 16:52	09/07/21 19:01	125,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/07/21 16:52	09/07/21 18:23	125,7.3	TL
Paint Filter Liquid	NEGATIVE		-	0	NA	1	-	09/03/21 17:33	1,9095B	AS

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET
Lab Number: L2147023
Report Date: 09/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02,04 Batch: WG1542723-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/07/21 16:52	09/07/21 18:58	125,7.3	TL
General Chemistry - Westborough Lab for sample(s): 02,04 Batch: WG1542728-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/07/21 16:52	09/07/21 18:20	125,7.3	TL
General Chemistry - Westborough Lab for sample(s): 02,04 Batch: WG1543600-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	09/08/21 15:30	09/09/21 11:49	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 02,04 Batch: WG1544000-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/08/21 17:51	09/09/21 16:41	1,7196A	PB

Lab Control Sample Analysis

Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,04 Batch: WG1542723-2								
Cyanide, Reactive	89		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 02,04 Batch: WG1542728-2								
Sulfide, Reactive	123		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 02,04 Batch: WG1542934-1								
pH	101		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 02,04 Batch: WG1543600-2 WG1543600-3								
Cyanide, Total	**49**	Q	**52**	Q	80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 02,04 Batch: WG1544000-2								
Chromium, Hexavalent	80		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1543600-4 WG1543600-5 QC Sample: L2147023-02 Client ID: WC-1												
Cyanide, Total	ND	11	10	93		4.9	**44**	Q	75-125	**68**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1544000-4 QC Sample: L2147023-04 Client ID: WC-2												
Chromium, Hexavalent	ND	825	861	104		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1542176-1 QC Sample: L2146971-01 Client ID: DUP Sample						
Solids, Total	85.2	87.4	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1542723-3 QC Sample: L2147437-06 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1542728-3 QC Sample: L2147437-06 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1542934-2 QC Sample: L2147007-03 Client ID: DUP Sample						
pH	7.3	7.5	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1544000-6 QC Sample: L2147023-04 Client ID: WC-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2147023-01A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2147023-01B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2147023-01C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2147023-01D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2147023-01X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2147023-01Y	Vial Water preserved split	A	NA		2.8	Y	Absent	**05-SEP-21 09:35**	NYTCL-8260HLW(14)
L2147023-01Z	Vial Water preserved split	A	NA		2.8	Y	Absent	**05-SEP-21 09:35**	NYTCL-8260HLW(14)
L2147023-02B	Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),K-TI(180),HEXCR-7196(30),CD-TI(180)
L2147023-02C	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),REACTS(14),IGNIT-1030(14),TS(7),PH-9045(1),PAINTF(),REACTCN(14)
L2147023-02D	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NJ-8082(14),NJ-8270(14),NJ-TPH-DRO-D(14),NJ-HERB-APA(14),NJ-8081(14)
L2147023-02E	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		-
L2147023-02X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2147023-02X9	Tumble Vessel	A	NA		2.8	Y	Absent		-
L2147023-03A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2147023-03B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2147023-03C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2147023-03D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2147023-03X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 197 CANAL STREET
Project Number: 197 CANAL STREET

Lab Number: L2147023
Report Date: 09/10/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2147023-03Y	Vial Water preserved split	A	NA		2.8	Y	Absent	**05-SEP-21 09:35**	NYTCL-8260HLW(14)
L2147023-03Z	Vial Water preserved split	A	NA		2.8	Y	Absent	**05-SEP-21 09:35**	NYTCL-8260HLW(14)
L2147023-04B	Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),HEXCR-7196(30),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2147023-04C	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		IGNIT-1030(14),TCN-9010(14),REACTS(14),TS(7),PH-9045(1),PAINTF(),REACTCN(14)
L2147023-04D	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NJ-8082(14),NJ-8270(14),NJ-TPH-DRO-D(14),NJ-8081(14),NJ-HERB-APA(14)
L2147023-04E	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		-
L2147023-04X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2147023-04X9	Tumble Vessel	A	NA		2.8	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	197 CANAL STREET	**Lab Number:**	L2147023
Project Number:	197 CANAL STREET	**Report Date:**	09/10/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	197 CANAL STREET	**Lab Number:**	L2147023
Project Number:	197 CANAL STREET	**Report Date:**	09/10/21

Footnotes

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results 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:	197 CANAL STREET	**Lab Number:**	L2147023
Project Number:	197 CANAL STREET	**Report Date:**	09/10/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	197 CANAL STREET	**Lab Number:**	L2147023
Project Number:	197 CANAL STREET	**Report Date:**	09/10/21

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.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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, SM4500Cl-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

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 9/2/21

ALPHA Job #: L2147023

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax:
Email: mcarroll@tenen-env.com

Project Information
Project Name: 197 Canal Street
Project Location: Staten Island, NY
Project #
(Use Project name as Project #) ☒
Project Manager: M. Carroll
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

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

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☒ NJ ☒ NY
☒ Other: PA

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Cat B deliverables

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Disposal Package A	Sample Specific Comments	Total # Bottles
47023-1	WC-1_VOC	9/1/21	10:50	Soil	AP	X			4
-2	WC-1		10:55				X		4
-3	WC-2_VOC		11:00			X			4
-4	WC-2		11:05				X		4

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt/ Tenen	9/1/21 16:20		
	9/1/21 18:00		9/1/21 2000
	9/2/21 0825		9/2/21 01:45

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

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