28 October 2021
File No. 0203708-001

Via Electronic Mail

101 Fleet Place LLC
C/O The Jay Group Inc.
ATTN: Jacob and Joel Kohn
40 Oser Avenue, Suite 4
Hauppauge, NY 11788

Attention: Mr. Jacob and Joel Kohn

RE: 101 Fleet Place Limited Phase II Environmental Site Investigation Report
101 Fleet Place
Brooklyn, New York

Dear Mr. Jacob and Joel Kohn:

As requested, Haley & Aldrich of New York (Haley & Aldrich), is providing this letter to 101 Fleet Place LLC summarizing the results of the Limited Phase II Environmental Site Investigation (ESI) completed at 101 Fleet Place, Brooklyn, New York (the Site) on 04 October 2021.

BACKGROUND

The Site, identified as Block 2061 Lot 100 on the New York City tax map in a R6 and C6-4 DB zoning area, is currently occupied by a one-story childcare center and is approximately 20,000 square feet (sf) in size. The building does not include a cellar level. The Site is bound to the north by a mixed-use residential and commercial development followed by Myrtle Avenue, to the east by a parking lot and residential development, to the south by parking and a residential development followed by Willoughby Street, and to the west by Fleet Place. The site is located within an urban area characterized by multi-story institutional, commercial, and residential buildings. The Metropolitan Transit Authority (MTA) subway B, D, N and Q lines are located approximately 380 feet to the west below Flatbush Avenue.

The site is listed with an environmental E-Designation (E-539) for hazardous materials, noise (window wall attenuation and alternative means of ventilation), and air quality (HVAC limited to natural gas and exhaust stack location limitations) resulting from a City Environmental Quality Review (CEQR) effective 10 December 2019 (CEQR #19DCP069K). Satisfaction of the E-Designation requirements is subject to review and approval by the New York City Mayor's Office of Environmental Remediation (OER) prior to redevelopment.

The proposed redevelopment will include construction of a 21-story mixed-use commercial and residential building with cellar level encompassing the entire site footprint and extending approximately 12 feet below current grade.

Based on a Phase I Environmental Site Assessment (ESA) completed by Tenen Environmental for the Site in January 2018, primary historical operations at the Site included a garage operated by the N.Y. Telephone Co. (1969-1993) and a children's center (1995-2007). The Phase I ESA revealed no Recognized Environmental Conditions (RECs) in connection with the Site; however, a Historic REC (HREC) associated with six closed/removed underground storage tanks (USTs) and a closed spill in connection with the Site were identified. According to historical databases, one, 1,200-gallon #2 fuel oil and five, 550-gallon gasoline USTs were closed/removed from the Site in 1993. A spill of an unknown quantity of gasoline was also reported to the New York State Department of Environmental Conservation (NYSDEC) on 8 June 1989 (Spill No. 8902455) due to a tank test failure and reported air pressure loss. The spill case was closed by the NYSDEC on 23 June 2004.

Historical use of the surrounding properties up- and cross-gradient to the Site included gasoline filling stations, dry cleaners, manufacturing, a laboratory, and residential developments. Historical use of adjoining and up-gradient properties included auto repair and manufacturing, which may have included the use and disposal of hazardous materials and petroleum. In addition, off-site monitoring wells are present along the east and west boundaries of the Site and may be associated with off-site investigations.

SUBSURFACE INVESTIGATION

On 04 October 2021, Haley & Aldrich mobilized to the Site with Coastal Environmental Solutions, Inc. to perform the Limited Phase II ESI which included installation of eight soil borings and two temporary soil vapor points using a direct-push limited access Geoprobe® drill rig.

A Haley & Aldrich field personnel was on-site to document field observations and collect soil and soil vapor samples. Boring locations were chosen to assess the potential impacts from on-site sources. The eight soil borings were installed throughout the Site with soil boring B1 installed to 2 feet below ground surface (ft bgs), B2 installed to 10 ft bgs, B3 installed to 6 ft bgs, B4 installed to 5 ft bgs, B5 installed to 7 ft bgs, B6 installed to 3 ft bgs, B7 installed to 5.5 ft bgs, and B8 installed to 1 ft bgs. Terminal depths for each soil boring varied due to refusal encountered by the limited access Geoprobe® drill rig. Two temporary soil vapor points, SV1 and SV2, were installed to a depth of approximately 1 to 3 ft bgs, located adjacent to B4 and B7, respectively.

Urban fill generally consisting of dark brown to olive, coarse to medium sand with varying amounts of glass, gravel, brick, asphalt, cinder, and silt was observed from surface grade to the boring terminus (up to 10 ft bgs) in each soil boring. Soil samples were collected continuously, characterized, and screened for visual and olfactory evidence of contamination such as staining and odors. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID). No apparent subsurface impacts were observed, including odors and staining, and PID readings of non-detect at 0.0 parts per million (ppm) were recorded. Soil borings logs are included in Attachment A. Groundwater was not encountered during the investigation, however, it is expected to be encountered at about 30 ft bgs.

One soil sample was collected from soil borings B1 to B7 and a second soil sample was collected at boring B2. Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total metals. Soil borings B2 (1-3') and B7 (3-5') were also analyzed for total and toxicity characteristic leaching procedure (TCLP) lead. Soil vapor samples were collected over a 2-hour period into 2.7L stainless-steel summa canisters supplied by the laboratory and analyzed for VOCs. Sample locations are provided in Figure 1. All samples were collected into laboratory provided

containers, placed on ice in coolers, and shipped by courier to Alpha Analytical, Inc. of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

RESULTS

Full analytical results for soil and soil vapor are provided in Tables 1-2, detections above regulatory criteria and/or guidance values are summarized in Figures 1-2, and laboratory analytical reports are provided in Attachment B.

Soil

Soil analytical results were compared to NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted-Residential Use Soil Cleanup Objectives (RRSCOs).

Multiple SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), were identified in shallow soil samples exceeding both UUSCOs and RRSCOs. Six SVOCs including benzo(a)anthracene (maximum concentration 5.9 milligrams per kilogram [mg/kg]), benzo(a)pyrene (maximum concentration 5.5 mg/kg), benzo(b)fluoranthene (maximum concentration 7.1 mg/kg), chrysene (maximum concentration 5.5 mg/kg), dibenzo(a,h)anthracene (maximum concentration 0.84 mg/kg), and indeno(1,2,3-cd)pyrene (maximum concentration 3.7 mg/kg) were identified above RRSCOs in multiple shallow soil samples. Additionally, benzo(k)fluoranthene (maximum concentration 2.2 mg/kg) was detected above UUSCOs, but below RRSCOs, in multiple shallow soil samples.

One VOC, 2-Butanone, was identified at a concentration above the UUSCO in B5 (concentration of 0.19 mg/kg).

Two metals including lead (maximum concentration 1640 mg/kg), and mercury (maximum concentration 1.99 mg/kg) were identified above RRSCOs in multiple shallow soil samples. Additionally, copper (maximum concentration 106 mg/kg), nickel (maximum concentration 72.7 mg/kg), and zinc (maximum concentration 1110 mg/kg) were identified above UUSCOs, but below RRSCOs in multiple shallow soil samples. Silver was also detected above the UUSCO in B2 (1-3') at a concentration of 2.47 mg/kg. TCLP lead was detected in B2 (1-3') at a concentration of 1.17 milligrams per liter (mg/L) and in B7 (3-5') at 0.907 mg/L, however, the concentrations did not exceed the USEPA Resource Conservation and Recovery Act (RCRA) Characteristics of Hazardous Waste limit of 5 mg/L.

Full soil analytical results are provided in Table 1 and laboratory reports are included in Attachment B.

Soil Vapor

Total VOC concentrations in soil vapor samples ranged from 244.59 micrograms per cubic meter ($\mu g/m^3$) in sample SV2 to 709.53 $\mu g/m^3$ in SV1. Total benzene, toluene, ethylbenzene, and xylene (BTEX) concentrations ranged between 16.79 $\mu g/m^3$ in SV2 to 28.21 $\mu g/m^3$ in SV1.

No standard currently exists for soil vapor samples in New York State. Soil vapor analytical results were compared to the NYSDOH Air Guideline Values (AGV) specified in the NYSDOH guidance document. Trichloroethene (TCE) was detected in soil vapor sample SV1 at a concentration of 6.77 $\mu g/m^3$, above the AGV of 2 $\mu g/m^3$. No other VOCs exceeded the NYSDOH AGVs.

The soil vapor sample results were also evaluated using the NYSDOH Decision Matrices A, B and C (updated May 2017) as referenced in the 2006 NYSDOH Soil Vapor Intrusion Guidance document. The Decision Matrices present recommended actions based on the concentrations of 1,1-dichloroethene, 1,1,1-trichloroethane, cis-1,2-dichloroethene (DCE), carbon tetrachloride, methylene chloride, TCE, tetrachloroethene (PCE), and vinyl chloride (VC) in soil vapor and indoor air. Indoor air was not sampled; therefore, the soil vapor concentrations were compared to the matrices to provide a range of recommended potential response measures.

Of the compounds evaluated in the NYSDOH Decision Matrices, TCE was detected in soil vapor sample SV1 at a concentration of 6.77 µg/m^3 and PCE was detected in soil vapor samples SV1 and SV2 at concentrations ranging from 2.9 µg/m^3 and 5.56 µg/m^3, respectively. Based on the soil vapor concentration of TCE in SV1, the NYSDOH Decision Matrix actions range from "no further action" to "mitigate" depending on indoor air concentrations. Based on the soil vapor concentrations of PCE in SV1 and SV2, the NYSDOH Decision Matrix actions range from "no further action" to "identify source(s), resample or mitigate" depending on indoor air concentrations.

Full soil vapor analytical results are provided in Table 2 and the laboratory report in Attachment B.

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical results identified urban fill contaminated with heavy metals and SVOCs (specifically PAHs) at concentrations consistent with characteristics of urban fill found throughout the New York City area. SVOCs and total metals exceeding RRSCOs were observed widely distributed throughout the Site in shallow urban fill, up to 6 feet bgs. Soil vapor identified TCE above the NYSDOH AGV in one soil vapor sample. Based on the detected concentrations of TCE and PCE in soil vapor samples, the NYSDOH Decision Matrix actions range from "no further action" to "mitigate" or "identify source(s), resample [PCE only]". The presence of chlorinated VOCs in soil vapor may indicate the presence of an off-site source.

Should you have any questions regarding the findings or recommendations please do not hesitate to contact us.

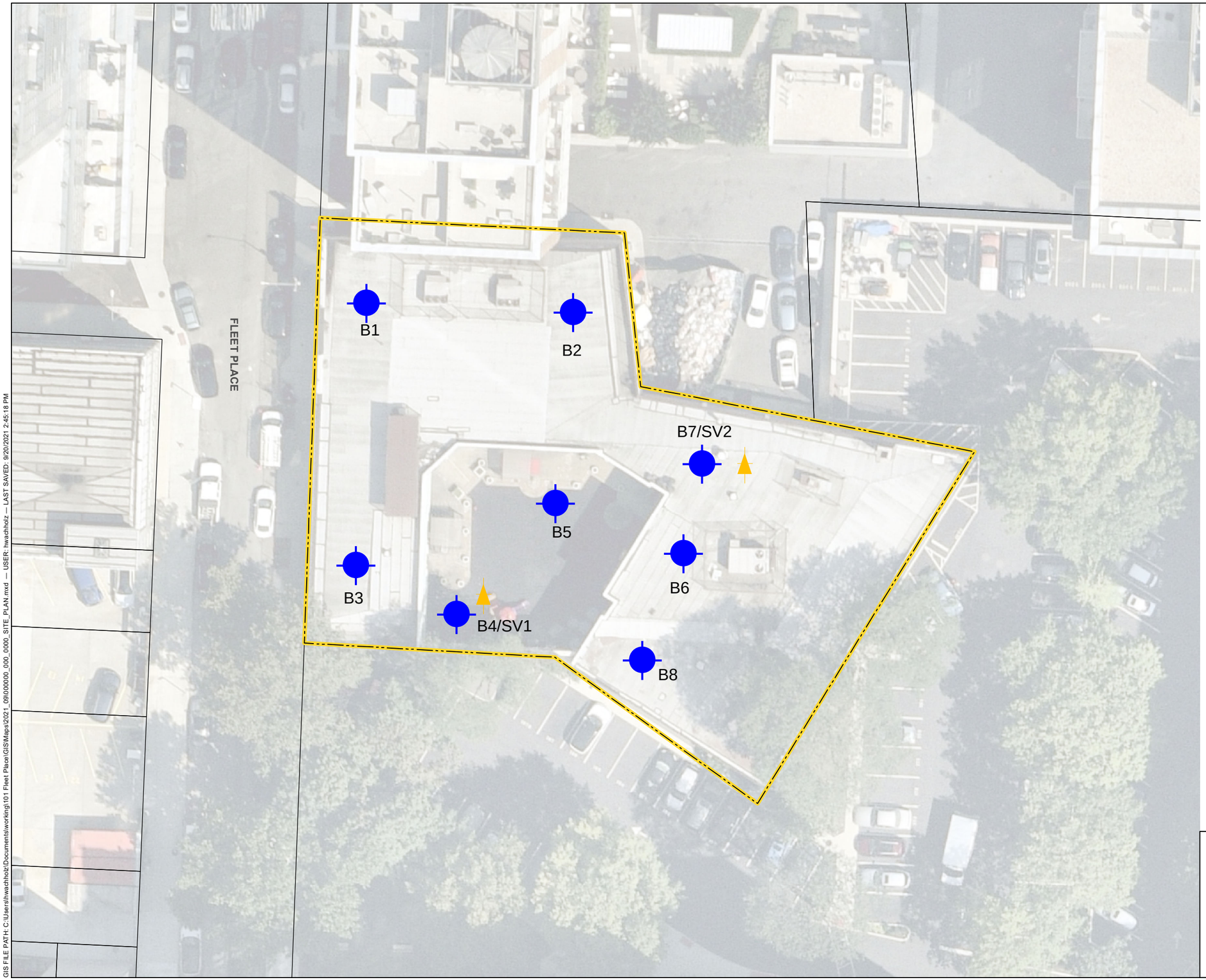
Sincerely,
Haley & Aldrich of New York

James M. Bellew
Senior Associate

Emily L. Snead, PG
Senior Project Manager

Attachments:
Figure 1-Sample Location Map
Figure 2-Map of Soil Chemistry
Figure 3-Map of Soil Vapor Chemistry
Table 1-Soil Analytical Results
Table 2-Soil Vapor Analytical Results
Attachment A-Soil Boring Logs
Attachment B-Laboratory Reports

FIGURES



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- SOIL VAPOR POINT

NOTES

1. ALL LOCATIONS ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS.
2. ASSESSOR PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING GIS.
3. AERIAL IMAGERY SOURCE: NEARMAP, 12 AUGUST 2021

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

101 FLEET PLACE
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

OCTOBER 2021

FIGURE 1

GIS FILE PATH: C:\Users\hwachholz\Documents\working\101 Fleet Place\GIS\Maps\2021_09\000000_000_0000_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 9/20/2021 2:45:18 PM

B1 (0-2')-10/4/2021	Results (mg/kg)
Semivolatile Organics by GC/MS	
Benzo(a)anthracene	2.3
Benzo(a)pyrene	2.2
Benzo(b)fluoranthene	2.8
Benzo(k)fluoranthene	0.9
Chrysene	2.3
Dibenzo(a,h)anthracene	0.34
Indeno(1,2,3-cd)pyrene	1.5

B3 (1-3')-10/4/2021	Results (mg/kg)
Semivolatile Organics by GC/MS	
Benzo(a)anthracene	3.7
Benzo(a)pyrene	3.1
Benzo(b)fluoranthene	4.3
Benzo(k)fluoranthene	1.2
Chrysene	3.6
Dibenzo(a,h)anthracene	0.62
Indeno(1,2,3-cd)pyrene	2.3
Total Metals	
Copper, Total	90.4
Lead, Total	981
Mercury, Total	0.998
Zinc, Total	1110

B2 (1-3')-10/4/2021	Results (mg/kg)
Semivolatile Organics by GC/MS	
Benzo(a)anthracene	4.4
Benzo(a)pyrene	3.8
Benzo(b)fluoranthene	5
Benzo(k)fluoranthene	1.3
Chrysene	3.9
Dibenzo(a,h)anthracene	0.8
Indeno(1,2,3-cd)pyrene	2.9
Total Metals	
Copper, Total	78.9
Lead, Total	1350
Mercury, Total	1.99
Nickel, Total	43.6
Silver, Total	2.47
Zinc, Total	666

B2 (4-6')-10/4/2021	Results (mg/kg)
Semivolatile Organics by GC/MS	
Benzo(a)anthracene	5.8
Benzo(a)pyrene	4.5
Benzo(b)fluoranthene	5.6
Benzo(k)fluoranthene	2.2
Chrysene	5.5
Dibenzo(a,h)anthracene	0.74
Indeno(1,2,3-cd)pyrene	2.8
Total Metals	
Lead, Total	1150
Mercury, Total	1.19
Nickel, Total	72.7
Zinc, Total	522

B7 (3-5')-10/4/2021	Results (mg/kg)
Semivolatile Organics by GC/MS	
Benzo(a)anthracene	3.9
Benzo(a)pyrene	3.3
Benzo(b)fluoranthene	4.1
Benzo(k)fluoranthene	1.4
Chrysene	3.4
Dibenzo(a,h)anthracene	0.61
Indeno(1,2,3-cd)pyrene	2.4
Total Metals	
Copper, Total	83.2
Lead, Total	1640
Mercury, Total	1.34
Nickel, Total	48.5
Zinc, Total	714

B6 (1-3')-10/4/2021	Results (mg/kg)
Semivolatile Organics by GC/MS	
Indeno(1,2,3-cd)pyrene	0.51
Total Metals	
Mercury, Total	0.46

B5 (3-5')-10/4/2021	Results (mg/kg)
Semivolatile Organics by GC/MS	
Benzo(a)anthracene	5.9
Benzo(a)pyrene	5.5
Benzo(b)fluoranthene	7.1
Benzo(k)fluoranthene	2
Chrysene	5.3
Dibenzo(a,h)anthracene	0.84
Indeno(1,2,3-cd)pyrene	3.7
Total Metals	
Copper, Total	106
Lead, Total	1100
Mercury, Total	1.05
Nickel, Total	36
Zinc, Total	654
Volatile Organics by EPA 5035	
2-Butanone	0.19

B1 B2 B3 B4 B5 B6 B7 B8

LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING

	NY-RESRR	NY-UNRES	Units
Semivolatile Organics by GC/MS			
Benzo(a)anthracene	1	1	mg/kg
Benzo(a)pyrene	1	1	mg/kg
Benzo(b)fluoranthene	1	1	mg/kg
Benzo(k)fluoranthene	3.9	0.8	mg/kg
Chrysene	3.9	1	mg/kg
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg
Total Metals			
Copper, Total	270	50	mg/kg
Lead, Total	400	63	mg/kg
Mercury, Total	0.81	0.18	mg/kg
Nickel, Total	310	30	mg/kg
Silver, Total	180	2	mg/kg
Zinc, Total	10000	109	mg/kg
Volatile Organics by EPA 5035			
2-Butanone	100	0.12	mg/kg

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NOTES

1. ALL LOCATIONS ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS.
2. ASSESOR PARCEL DATA SO8URCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING GIS
3. AERIAL IMAGERY SOURCE: NEARMAP, 12 AUGUST 2021

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

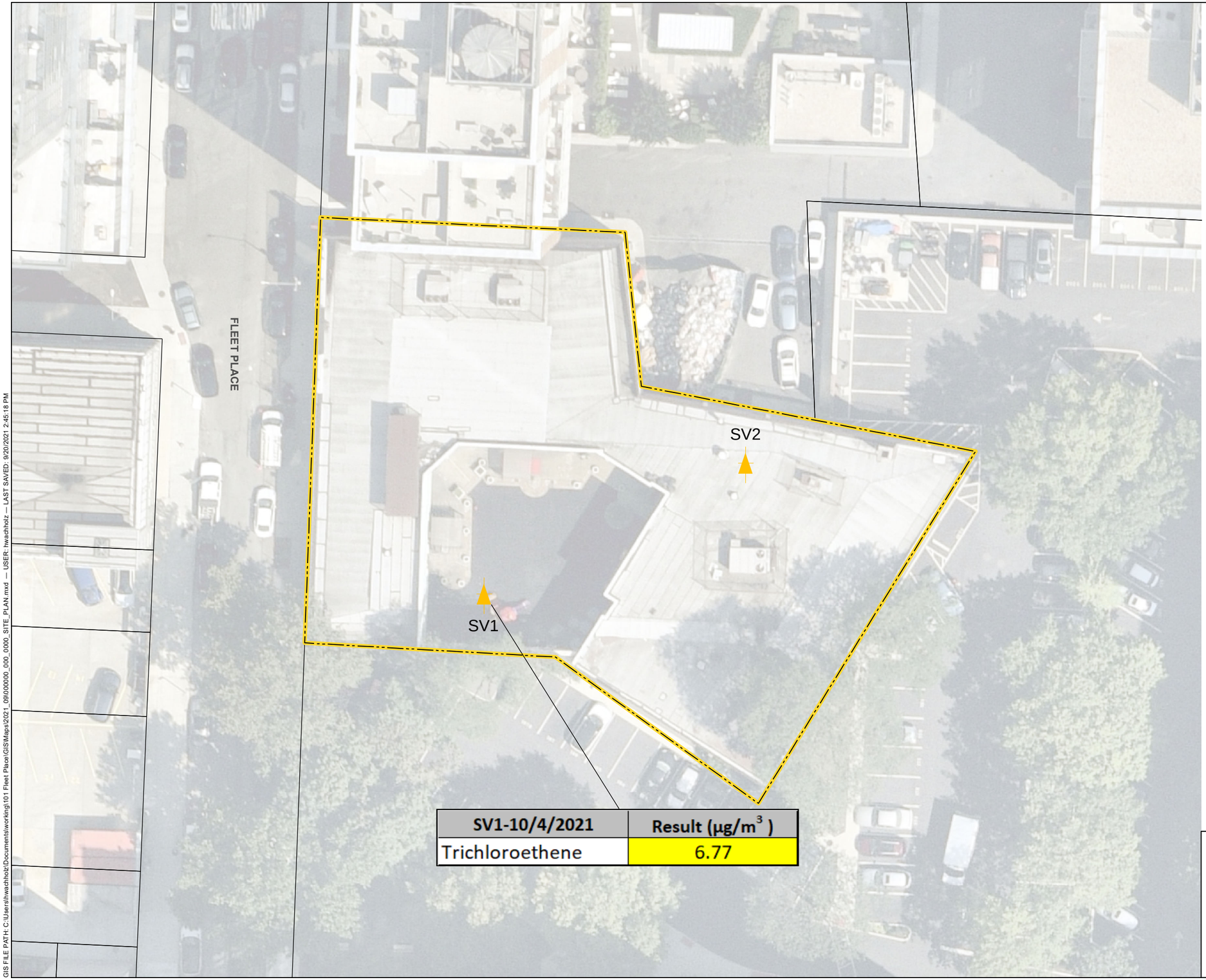
101 FLEET PLACE
BROOKLYN, NEW YORK

MAP OF SOIL CHEMISTRY

OCTOBER 2021

FIGURE 2

GIS FILE PATH: C:\Users\hwachholz\Documents\working\101 Fleet Place\GIS\Maps\2021_09\000000_000_0000_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 9/20/2021 2:45:18 PM



SV1-10/4/2021	Result (µg/m^3)
Trichloroethene	6.77

LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SOIL VAPOR POINT

	NY-SSC-A	NYSDOH AGV	Units
Trichloroethene	6	2	µg/m^3

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NYSDOH AGV: New York DOH Air Guidance Values Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. ASSESOR PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING GIS
3. AERIAL IMAGERY SOURCE: NEARMAP, 12 AUGUST 2021
4. µg/m3 = MICROGRAMS PER CUBIC METER

0 30 60
SCALE IN FEET

HALEY ALDRICH

101 FLEET PLACE
BROOKLYN, NEW YORK

MAP OF SOIL VAPOR CHEMISTRY

OCTOBER 2021

FIGURE 3

TABLES

Table 1. Soil Analytical Results
101 Fleet Place, Brooklyn, NY

LOCATION				B1 (0-2')		B2 (1-3')		B3 (1-3')		B4 (1-3')		B5 (3-5')		B6 (1-3')		B7 (3-5')		B2 (4-6')	
SAMPLING DATE				10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021	
LAB SAMPLE ID				L2153911-01		L2153911-02		L2153911-03		L2153911-04		L2153911-05		L2153911-06		L2153911-07		L2153911-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total			%	94.3		91.7		93.2		92.8		93.6		93.1		91		89.7	
Semivolatile Organics by GC/MS																			
Acenaphthene	100	20	mg/kg	0.14	J	1.2		0.79		0.14	U	1.7		0.042	J	0.69		1.2	
1,2,4-Trichlorobenzene			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Hexachlorobenzene	1.2	0.33	mg/kg	0.21	U	0.11	U	0.11	U	0.1	U	0.52	U	0.11	U	0.11	U	0.54	U
Bis(2-chloroethyl)ether			mg/kg	0.31	U	0.16	U	0.16	U	0.16	U	0.78	U	0.16	U	0.16	U	0.82	U
2-Chloronaphthalene			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
3,3'-Dichlorobenzidine			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
2,4-Dinitrotoluene			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
2,6-Dinitrotoluene			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Fluoranthene	100	100	mg/kg	4.4		12	U	6.8		0.1	U	15		1.2		6.5		12	
4-Chlorophenyl phenyl ether			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
4-Bromophenyl phenyl ether			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Bis(2-chloroisopropyl)ether			mg/kg	0.42	U	0.21	U	0.21	U	0.21	U	1	U	0.21	U	0.22	U	1.1	U
Bis(2-chloroethoxy)methane			mg/kg	0.38	U	0.19	U	0.19	U	0.19	U	0.94	U	0.19	U	0.2	U	0.98	U
Hexachlorobutadiene			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Hexachlorocyclopentadiene			mg/kg	1	U	0.5	U	0.51	U	0.5	U	2.5	U	0.51	U	0.52	U	2.6	U
Hexachloroethane			mg/kg	0.28	U	0.14	U	0.14	U	0.14	U	0.7	U	0.14	U	0.14	U	0.72	U
Isophorone			mg/kg	0.31	U	0.16	U	0.16	U	0.16	U	0.78	U	0.16	U	0.16	U	0.82	U
Naphthalene	100	12	mg/kg	0.13	J	1.3		0.8		0.18	U	1.6		0.083	J	0.3		0.91	
Nitrobenzene			mg/kg	0.31	U	0.16	U	0.16	U	0.16	U	0.78	U	0.16	U	0.16	U	0.82	U
NDPA/DPA			mg/kg	0.064	J	0.14	U	0.14	U	0.14	U	0.7	U	0.14	U	0.14	U	0.72	U
n-Nitrosodi-n-propylamine			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Bis(2-ethylhexyl)phthalate			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.63	J	0.18	U	0.18	U	0.91	U
Butyl benzyl phthalate			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.29	J
Di-n-butylphthalate			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Di-n-octylphthalate			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Diethyl phthalate			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Dimethyl phthalate			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Benzo(a)anthracene	1	1	mg/kg	2.3		4.4		3.7		0.1	U	5.9		0.68		3.9		5.8	
Benzo(a)pyrene	1	1	mg/kg	2.2		3.8		3.1		0.14	U	5.5		0.67		3.3		4.5	
Benzo(b)fluoranthene	1	1	mg/kg	2.8		5		4.3		0.1	U	7.1		0.84		4.1		5.6	
Benzo(k)fluoranthene	3.9	0.8	mg/kg	0.9		1.3		1.2		0.1	U	2		0.27		1.4		2.2	
Chrysene	3.9	1	mg/kg	2.3		3.9		3.6		0.1	U	5.3		0.66		3.4		5.5	
Acenaphthylene	100	100	mg/kg	0.084	J	0.32		0.32		0.14	U	0.16	J	0.034	J	0.34		0.38	J
Anthracene	100	100	mg/kg	0.66		2.3		1.9		0.1	U	3.5		0.17		1.8		2.5	
Benzo(ghi)perylene	100	100	mg/kg	1.6		2.7		2.1		0.14	U	3.5		0.53		2.2		2.6	
Fluorene	100	30	mg/kg	0.098	J	1.2		0.87		0.18	U	1.5		0.037	J	0.68		1.2	
Phenanthrene	100	100	mg/kg	3.8		7		6.2		0.1	U	13		0.79		5.6		12	
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.34		0.8		0.62		0.1	U	0.84		0.13		0.61		0.74	
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	1.5		2.9		2.3		0.14	U	3.7		0.51		2.4		2.8	
Pyrene	100	100	mg/kg	4.2		6.6		5.7		0.1	U	12		1.1		6		10	
Biphenyl			mg/kg	0.79	U	0.15	J	0.098	J	0.4	U	2	U	0.41	U	0.058	J	2.1	U
4-Chloroaniline			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
2-Nitroaniline			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
3-Nitroaniline			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
4-Nitroaniline			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Dibenzofuran	59	7	mg/kg	0.28	J	0.96		0.68		0.18	U	1.1		0.064	J	0.5		1	
2-Methylnaphthalene			mg/kg	0.13	J	0.57		0.34		0.21	U	0.61	J	0.06	J	0.19	J	0.52	J
1,2,4,5-Tetrachlorobenzene			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Acetophenone			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.024	J	0.18	U	0.91	U
2,4,6-Trichlorophenol			mg/kg	0.21	U	0.11	U	0.11	U	0.1	U	0.52	U	0.11	U	0.11	U	0.54	U
p-Chloro-m-cresol			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
2-Chlorophenol			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
2,4-Dichlorophenol			mg/kg	0.31	U	0.16	U	0.16	U	0.16	U	0.78	U	0.16	U	0.16	U	0.82	U
2,4-Dimethylphenol			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
2-Nitrophenol			mg/kg	0.75	U	0.38	U	0.38	U	0.38	U	1.9	U	0.39	U	0.39	U	2	U
4-Nitrophenol			mg/kg	0.49	U	0.25	U	0.25	U	0.25	U	1.2	U	0.25	U	0.25	U	1.3	U
2,4-Dinitrophenol			mg/kg	1.7	U	0.85	U	0.86	U	0.84	U	4.2	U	0.86	U	0.87	U	4.4	U
4,6-Dinitro-o-cresol			mg/kg	0.91	U	0.46	U	0.46	U	0.46	U	2.3	U	0.46	U	0.47	U	2.4	U
Pentachlorophenol	6.7	0.8	mg/kg	0.28	U	0.14	U	0.14	U	0.14	U	0.7	U	0.14	U	0.14	U	0.72	U
Phenol	100	0.33	mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
2-Methylphenol	100	0.33	mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.5	U	0.048	J	0.042	J	0.25	U	1.2	U	0.26	U	0.26	U	1.3	U
2,4,5-Trichlorophenol			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Benzoic Acid			mg/kg	1.1	U	0.57	U	0.58	U	0.57	U	2.8	U	0.58	U	0.59	U	2.9	U
Benzyl Alcohol			mg/kg	0.35	U	0.18	U	0.18	U	0.18	U	0.87	U	0.18	U	0.18	U	0.91	U
Carbazole			mg/kg	0.12	J	1.2		1.1		0.18	U	1.4		0.074	J	0.67		1.3	
1,4-Dioxane	13	0.1	mg/kg	0.052	U	0.026	U	0.027	U	0.026	U	0.13	U	0.027	U	0.027	U	0.14	U
Total Metals																			
Aluminum, Total			mg/kg	5430		4280		4250		2680		3920		6090		4110		4220	
Antimony, Total			mg/kg	4.1	U	2.59	J	4.08		4.11	U	2.7	J	4.14	U	3.13	J	1.28	J
Arsenic, Total	16	13	mg/kg	4.6		12.7		7.82		1.22		11.6		9.31		9.51		11.9	
Barium, Total	400	350	mg/kg	53.9		329		252		25.2		278		66.7		294		259	
Beryllium, Total	72	7.2	mg/kg	0.41	U	0.211	J	0.113	J	0.09	J	0.091	J	0.058	J	0.171	J	0.252	J
Cadmium, Total	4.3	2.5	mg/kg	0.426	J	1.94		2.46		0.23	J	1.67		0.488	J	1.69		1.52	
Calcium, Total			mg/kg	68300		9880		13700		893		34500		50700		20400		14000	
Chromium, Total			mg/kg	15.6		20.3		12.6		7.59		31.4		20		22.6		37	
Cobalt, Total			mg/kg	5.11		8.42		5.29		3.74		6.45		5.58		6.67		7.72	
Copper, Total	270	50	mg/kg	18.8		78.9		90.4		11.4		106		19.2		83.2		46.4	
Iron, Total			mg/kg	9450		18400		11700		7670		26500		10100		16200		15400	
Lead, Total	400	63	mg/kg	61.4		1350		981		3.92	J	1100		52		1640		1150	
Magnesium, Total			mg/kg	21200		3590		3390		2310		5680		4660		5010		4090	
Manganese, Total	2000	1600	mg/kg	160		328		199		106		325		172		270		254	
Mercury, Total	0.81	0.18	mg/kg	0.088		1.99		0.998		0.071	U	1.05		0.46		1.34		1.19	
Nickel, Total	310	30	mg/kg	15.2		43.6		27.9		17.3		36		17.4		48.5		72.7	
Potassium, Total			mg/kg	1840		822		1120		644		804		1830		894		688	
Selenium, Total	180	3.9	mg/kg	1.64	U	1.69	U	1.61	U	1.64	U	1.65	U	1.66	U	1.71	U	0.52	J
Silver, Total	180	2	mg/kg	0.82	U	2.47		0.387	J	0.822	U	1.04		0.828	U	0.657	J	1.4	
Sodium, Total			mg/kg	461		251		222		55.4	J	296		731		285		163	J
Thallium, Total			mg/kg	1.64	U	1.69	U	1.61	U	1.64	U	1.65	U	1.66	U	1.71	U	1.74	U
Vanadium, Total			mg/kg	16.7		22.2		16.7		12		16.3		18.2		19.8		18.3	
Zinc, Total	10000	109	mg/kg	58.6		666		1110		44.8		654		75.2		714		522	
TCLP Metals by EPA 1311																			
Lead, TCLP			mg/L	-		1.17		-		-		-		-		0.907		-	
Volatile Organics by EPA 5035																			
Methylene chloride	100	0.05	mg/kg	0.0053	U	0.0057	U	0.0056	U	0.0052	U	0.3	U	0.0065	U	0.0055	U	0.0057	U
1,1-Dichloroethane	26	0.27	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Chloroform	49	0.37	mg/kg	0.0016	U	0.0017	U	0.0017	U	0.0015	U	0.089	U	0.002	U	0.0016	U	0.0017	U
Carbon tetrachloride	2.4	0.76	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
1,2-Dichloropropane			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Dibromochloromethane			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
1,1,2-Trichloroethane			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Tetrachloroethene	19	1.3	mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00032	J	0.00057	U
Chlorobenzene	100	1.1	mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
Trichlorofluoromethane			mg/kg	0.0042	U	0.0045	U	0.0045	U	0.0041	U	0.24	U	0.0052	U	0.0044	U	0.0045	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
Bromodichloromethane			mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
trans-1,3-Dichloropropene			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
cis-1,3-Dichloropropene			mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
1,3-Dichloropropene, Total			mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
1,1-Dichloropropene			mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
Bromoform			mg/kg	0.0042	U	0.0045	U	0.0045	U	0.0041	U	0.24	U	0.0052	U	0.0044	U	0.0045	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
Benzene	4.8	0.06	mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
Toluene	100	0.7	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Ethylbenzene	41	1	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Chloromethane			mg/kg	0.0042	U	0.0045	U	0.0045	U	0.0041	U	0.24	U	0.0052	U	0.0044	U	0.0045	U

Table 1. Soil Analytical Results
101 Fleet Place, Brooklyn, NY

LOCATION				B1 (0-2')		B2 (1-3')		B3 (1-3')		B4 (1-3')		B5 (3-5')		B6 (1-3')		B7 (3-5')		B2 (4-6')	
SAMPLING DATE				10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021		10/4/2021	
LAB SAMPLE ID				L2153911-01		L2153911-02		L2153911-03		L2153911-04		L2153911-05		L2153911-06		L2153911-07		L2153911-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Bromomethane			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
Vinyl chloride	0.9	0.02	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Chloroethane			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,1-Dichloroethene	100	0.33	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
trans-1,2-Dichloroethene	100	0.19	mg/kg	0.0016	U	0.0017	U	0.0017	U	0.0015	U	0.089	U	0.002	U	0.0016	U	0.0017	U
Trichloroethene	21	0.47	mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.0017		0.0003	J	0.00057	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
Methyl tert butyl ether	100	0.93	mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
p/m-Xylene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
o-Xylene			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.04	J	0.0013	U	0.0011	U	0.0011	U
Xylenes, Total	100	0.26	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.04	J	0.0013	U	0.0011	U	0.0011	U
cis-1,2-Dichloroethene	100	0.25	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
1,2-Dichloroethene, Total			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Dibromomethane			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
Styrene			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Dichlorodifluoromethane			mg/kg	0.01	U	0.011	U	0.011	U	0.01	U	0.6	U	0.013	U	0.011	U	0.011	U
Acetone	100	0.05	mg/kg	0.016		0.011	U	0.011	U	0.01	U	0.6	U	0.013	U	0.011	U	0.011	U
Carbon disulfide			mg/kg	0.01	U	0.011	U	0.011	U	0.01	U	0.6	U	0.013	U	0.011	U	0.011	U
2-Butanone	100	0.12	mg/kg	0.01	U	0.011	U	0.011	U	0.01	U	0.19	J	0.013	U	0.011	U	0.011	U
Vinyl acetate			mg/kg	0.01	U	0.011	U	0.011	U	0.01	U	0.6	U	0.013	U	0.011	U	0.011	U
4-Methyl-2-pentanone			mg/kg	0.01	U	0.011	U	0.011	U	0.01	U	0.6	U	0.013	U	0.011	U	0.011	U
1,2,3-Trichloropropane			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
2-Hexanone			mg/kg	0.01	U	0.011	U	0.011	U	0.01	U	0.6	U	0.013	U	0.011	U	0.011	U
Bromochloromethane			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
2,2-Dichloropropane			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,2-Dibromoethane			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
1,3-Dichloropropane			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,1,1,2-Tetrachloroethane			mg/kg	0.00053	U	0.00057	U	0.00056	U	0.00052	U	0.03	U	0.00065	U	0.00055	U	0.00057	U
Bromobenzene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
n-Butylbenzene	100	12	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
sec-Butylbenzene	100	11	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
tert-Butylbenzene	100	5.9	mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
o-Chlorotoluene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
p-Chlorotoluene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0032	U	0.0034	U	0.0034	U	0.0031	U	0.18	U	0.0039	U	0.0033	U	0.0034	U
Hexachlorobutadiene			mg/kg	0.0042	U	0.0045	U	0.0045	U	0.0041	U	0.24	U	0.0052	U	0.0044	U	0.0045	U
Isopropylbenzene			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
p-Isopropyltoluene			mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
Naphthalene	100	12	mg/kg	0.00072	J	0.0045	U	0.0021	J	0.0041	U	2.7		0.0052	U	0.0044	U	0.0045	U
Acrylonitrile			mg/kg	0.0042	U	0.0045	U	0.0045	U	0.0041	U	0.24	U	0.0052	U	0.0044	U	0.0045	U
n-Propylbenzene	100	3.9	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.06	U	0.0013	U	0.0011	U	0.0011	U
1,2,3-Trichlorobenzene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,2,4-Trichlorobenzene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,4-Dioxane	13	0.1	mg/kg	0.084	U	0.091	U	0.09	U	0.082	U	4.8	U	0.1	U	0.087	U	0.091	U
p-Diethylbenzene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
p-Ethyltoluene			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.00086	J	0.0023	U	0.00077	J	0.0021	U	0.044	J	0.0026	U	0.0022	U	0.0023	U
Ethyl ether			mg/kg	0.0021	U	0.0023	U	0.0022	U	0.0021	U	0.12	U	0.0026	U	0.0022	U	0.0023	U
trans-1,4-Dichloro-2-butene			mg/kg	0.0053	U	0.0057	U	0.0056	U	0.0052	U	0.3	U	0.0065	U	0.0055	U	0.0057	U

Notes:
Yellow shaded results exceed Unrestricted SCOs
Red shaded results exceed both Unrestricted and Restricted Residential SCOs
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Qualifiers:
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.

Table 2. Soil Vapor Analytical Results
101 Fleet Place, Brooklyn, NY

LOCATION						SV1		SV2	
SAMPLING DATE						10/4/2021		10/4/2021	
LAB SAMPLE ID						L2153889-01		L2153889-02	
SAMPLE TYPE						SOIL VAPOR		SOIL VAPOR	
	NYSDOH AGVs	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual
Volatile Organics in Air									
Dichlorodifluoromethane					ug/m3	2.04		2.06	
Chloromethane					ug/m3	1.06		0.611	
Freon-114					ug/m3	1.4	U	1.4	U
Vinyl chloride				6	ug/m3	0.511	U	0.511	U
1,3-Butadiene					ug/m3	1.26		0.442	U
Bromomethane					ug/m3	0.777	U	0.777	U
Chloroethane					ug/m3	0.528	U	0.528	U
Ethanol					ug/m3	129		13.4	
Vinyl bromide					ug/m3	0.874	U	0.874	U
Acetone					ug/m3	311		104	
Trichlorofluoromethane					ug/m3	9.38		12.3	
Isopropanol					ug/m3	29.3		2.85	
1,1-Dichloroethene		6			ug/m3	0.793	U	0.793	U
Tertiary butyl Alcohol					ug/m3	29.3		10.4	
Methylene chloride	60		100		ug/m3	1.74	U	1.74	U
3-Chloropropene					ug/m3	0.626	U	0.626	U
Carbon disulfide					ug/m3	7.07		10.5	
Freon-113					ug/m3	1.53	U	1.53	U
trans-1,2-Dichloroethene					ug/m3	0.793	U	0.793	U
1,1-Dichloroethane					ug/m3	0.809	U	0.809	U
Methyl tert butyl ether					ug/m3	0.721	U	0.721	U
2-Butanone					ug/m3	80.5		26.7	
cis-1,2-Dichloroethene		6			ug/m3	0.793	U	0.793	U
Ethyl Acetate					ug/m3	2.01		1.8	U
Chloroform					ug/m3	1.84		1.66	
Tetrahydrofuran					ug/m3	15.4		7.67	
1,2-Dichloroethane					ug/m3	0.809	U	0.809	U
n-Hexane					ug/m3	1		2.69	
1,1,1-Trichloroethane			100		ug/m3	1.09	U	1.09	U
Benzene					ug/m3	14.2		3.8	
Carbon tetrachloride		6			ug/m3	1.26	U	1.26	U
Cyclohexane					ug/m3	1.89		1.31	
1,2-Dichloropropane					ug/m3	0.924	U	0.924	U
Bromodichloromethane					ug/m3	1.34	U	1.34	U
1,4-Dioxane					ug/m3	0.721	U	0.721	U
Trichloroethene	2	6			ug/m3	6.77		1.07	U
2,2,4-Trimethylpentane					ug/m3	0.934	U	2.12	
Heptane					ug/m3	1.66		2.91	
cis-1,3-Dichloropropene					ug/m3	0.908	U	0.908	U
4-Methyl-2-pentanone					ug/m3	26.5		11	
trans-1,3-Dichloropropene					ug/m3	0.908	U	0.908	U
1,1,2-Trichloroethane					ug/m3	1.09	U	1.09	U
Toluene					ug/m3	6.63		5.35	
2-Hexanone					ug/m3	10.9		5	
Dibromochloromethane					ug/m3	1.7	U	1.7	U
1,2-Dibromoethane					ug/m3	1.54	U	1.54	U
Tetrachloroethene	30		100		ug/m3	5.56		2.9	
Chlorobenzene					ug/m3	0.921	U	0.921	U
Ethylbenzene					ug/m3	1.69		1.28	
p/m-Xylene					ug/m3	3.87		4.14	
Bromoform					ug/m3	2.07	U	2.07	U
Styrene					ug/m3	3.07		0.852	U
1,1,2,2-Tetrachloroethane					ug/m3	1.37	U	1.37	U
o-Xylene					ug/m3	1.82		2.22	
4-Ethyltoluene					ug/m3	0.983	U	0.983	U
1,3,5-Trimethylbenzene					ug/m3	1.17		2.31	
1,2,4-Trimethylbenzene					ug/m3	3.64		5.41	
Benzyl chloride					ug/m3	1.04	U	1.04	U
1,3-Dichlorobenzene					ug/m3	1.2	U	1.2	U
1,4-Dichlorobenzene					ug/m3	1.2	U	1.2	U
1,2-Dichlorobenzene					ug/m3	1.2	U	1.2	U
1,2,4-Trichlorobenzene					ug/m3	1.48	U	1.48	U
Hexachlorobutadiene					ug/m3	2.13	U	2.13	U

Notes:
Yellow shaded results exceed one of Matrices
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
New York DOH Air Guidance Values Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

Qualifiers:
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.

ATTACHMENT A

SOIL BORING LOGS

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B1

PROJECT	Limited Phase II ESI - 101 Fleet Place		
LOCATION	101 Fleet Place, Brooklyn, NY	**PROJECT MGR.**	E.Snead
CLIENT	101 Fleet Place LLC	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/4/2021
DRILLER	M. Morganstern	**DATE FINISHED**	10/4/2021

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Geoprobe 420M

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
		0.0			
		0.0			Gray brown to olive brown coarse SAND with large pieces of gravel, some glass pieces, very loose, no odor, dry
		0.0			**FILL**
		0.0			
	1.5	0.0	B1(0-2')		
		0.0			
	1.5	0.0			
		0.0			
		0.0			
		0.0			
		0.0			
2					REFUSAL ENCOUNTERED AT 2 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	2
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B1

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. B2

PROJECT	Limited Phase II ESI - 101 Fleet Place		
LOCATION	101 Fleet Place, Brooklyn, NY	**PROJECT MGR.**	E.Snead
CLIENT	101 Fleet Place LLC	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/4/2021
DRILLER	M. Morganstern	**DATE FINISHED**	10/4/2021

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Geoprobe 420M

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
		0.0			Dark brown to brown medium to coarse silty SAND with some asphalt, brick, and gravel pieces, loose, dry, no odor
		0.0			**FILL**
		0.0			
		0.0			
	1.5	0.0	B2(1-3')		
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
3		0.0			Dark brown to brown medium to coarse silty SAND with some asphalt, brick, and gravel pieces, loose, dry, no odor
		0.0			**FILL**
		0.0			
		0.0			
	1.2	0.0	B2(4-6')		
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
6		0.0			Gray brown to brown fine to medium SAND, loose, dry, no odor
		0.0			**FILL**
		0.0			
		0.0			
	1.8	0.0			
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
9		0.0			
		0.0			
		0.0			
10		0.0			
					REFUSAL ENCOUNTERED AT 10 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	10
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. B2

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. B3

PROJECT	Limited Phase II ESI - 101 Fleet Place		
LOCATION	101 Fleet Place, Brooklyn, NY	**PROJECT MGR.**	E.Snead
CLIENT	101 Fleet Place LLC	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/4/2021
DRILLER	M. Morganstern	**DATE FINISHED**	10/4/2021

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Geoprobe 420M

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
		0.0			
		0.0			Dark brown medium to coarse SAND, little silt, some brick and glass pieces, loose, dry, no odor
		0.0			**FILL**
		0.0			
	1.6	0.0	B3(1-3')		
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
3		0.0			Dark brown to brown fine to medium SAND, some fine gravel, cinder and glass pieces, loose, dry, no odor
		0.0			**FILL**
		0.0			
		0.0			
		0.0			
	1.4	0.0			
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
6					REFUSAL ENCOUNTERED AT 6 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	6
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B3

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. B4

Page 1 of 1

PROJECT	Limited Phase II ESI - 101 Fleet Place		
LOCATION	101 Fleet Place, Brooklyn, NY	**PROJECT MGR.**	E.Snead
CLIENT	101 Fleet Place LLC	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/4/2021
DRILLER	M. Morganstern	**DATE FINISHED**	10/4/2021

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Geoprobe 420M

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
		0.0			
		0.0			Dark brown to brown fine to medium silty SAND, contains mica, some gravel, dry, no odor
		0.0			**FILL**
		0.0			
	1.5	0.0	B4(1-3')		
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
3		0.0			
		0.0			
		0.0			Dark brown to brown fine to medium silty SAND, some gravel, dry, no odor
		0.0			**FILL**
	1.5	0.0			
		0.0			
		0.0			
		0.0			
5		0.0			
					REFUSAL ENCOUNTERED AT 5 FT
6					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	5
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B4

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. B5

Page 1 of 1

PROJECT	Limited Phase II ESI - 101 Fleet Place		
LOCATION	101 Fleet Place, Brooklyn, NY	**PROJECT MGR.**	E.Snead
CLIENT	101 Fleet Place LLC	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/4/2021
DRILLER	M. Morganstern	**DATE FINISHED**	10/4/2021

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Geoprobe 420M

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
		0.0			
		0.0			Dark brown fine to medium silty SAND, some brick and ceramic pieces, loose, dry, no odor
		0.0			**FILL**
		0.0			
	0.9	0.0			
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
3		0.0			
		0.0			
		0.0			Dark brown fine to medium silty SAND, trace coarse sand, some brick and glass pieces, trace metal pieces, loose, dry, no odor
		0.0			**FILL**
		0.0			
	0.8	0.0	B5(3-5')		
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
6		0.0			
		0.0			Dark brown fine to medium silty SAND, trace coarse sand, some brick and glass pieces, trace metal pieces, loose, dry, no odor
	0.6	0.0			**FILL**
7		0.0			
					REFUSAL ENCOUNTERED AT 7 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	7
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B5

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. B6

PROJECT	Limited Phase II ESI - 101 Fleet Place		
LOCATION	101 Fleet Place, Brooklyn, NY	**PROJECT MGR.**	E.Snead
CLIENT	101 Fleet Place LLC	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/4/2021
DRILLER	M. Morganstern	**DATE FINISHED**	10/4/2021

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Geoprobe 420M

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
		0.0			
		0.0			Light brown to gray fine to medium silty SAND with fine gravel, dry, no odor
		0.0			**FILL**
		0.0			
	0.6	0.0	B6(1-3')		
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
3					REFUSAL ENCOUNTERED AT 3 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	3
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B6

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. B7

PROJECT	Limited Phase II ESI - 101 Fleet Place		
LOCATION	101 Fleet Place, Brooklyn, NY	**PROJECT MGR.**	E.Snead
CLIENT	101 Fleet Place LLC	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/4/2021
DRILLER	M. Morganstern	**DATE FINISHED**	10/4/2021

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Geoprobe 420M

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance — **Type Method Depth**: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
		0.0			
		0.0			Olive brown to brown fine to medium silty SAND, some fine gravel, brick and glass pieces, dry, no odor
		0.0			**FILL**
		0.0			
	1.3	0.0			
		0.0			
		0.0			
		0.0			
		0.0			
		0.0			
3		0.0			
		0.0			
		0.0			Dark brown to brown medium to coarse silty SAND, some asphalt, glass and gravel pieces, loose, dry, no odor
		0.0			**FILL**
	0.9	0.0	B7(3-5')		
		0.0			
		0.0			
		0.0			
		0.0			
5.5		0.0			
6					REFUSAL ENCOUNTERED AT 5.5 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	5.5
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B7

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

ATTACHMENT B

LABORATORY REPORTS

ANALYTICAL REPORT

Lab Number:	L2153911
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	101 FLEET PLACE
Project Number:	203708
Report Date:	10/11/21

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: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2153911-01	B1 (0-2')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 20:50	10/05/21
L2153911-02	B2 (1-3')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 20:10	10/05/21
L2153911-03	B3 (1-3')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 17:25	10/05/21
L2153911-04	B4 (1-3')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 17:50	10/05/21
L2153911-05	B5 (3-5')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 18:20	10/05/21
L2153911-06	B6 (1-3')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 19:00	10/05/21
L2153911-07	B7 (3-5')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 19:50	10/05/21
L2153911-08	B2 (4-6')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 20:15	10/05/21

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153911
Project Number:	203708	**Report Date:**	10/11/21

Case Narrative

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

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

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

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

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

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

Project Name: 101 FLEET PLACE **Lab Number:** L2153911
Project Number: 203708 **Report Date:** 10/11/21

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L2153911-01D, -05RE\D, -05D and -08D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2153911-01RE: The sample has elevated detection limits due to the dilution required by matrix interferences encountered during the concentration of the sample.

L2153911-01D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (1%), phenol-d6 (6%) and 2,4,6-tribromophenol (0%) ; however, re-extraction achieved similar results: 2-fluorophenol (1%), phenol-d6 (8%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

L2153911-05D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (12%) and 2,4,6-tribromophenol (2%) ; however, re-extraction achieved similar results: 2-fluorophenol (18%) and 2,4,6-tribromophenol (9%). The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

L2153911-06: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%) and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (0%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

The WG1555279-2/-3 LCS/LCSD recoveries, associated with L2153911-02, -02D, -03, -04, -07, and -08D, are below the acceptance criteria for benzoic acid (4%/6%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2153911-01 through -08: The sample has elevated detection limits for all elements, with the exception of

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153911
Project Number:	203708	**Report Date:**	10/11/21

Case Narrative (continued)

mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 10/11/21

ORGANICS

VOLATILES

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 Date Collected: 10/04/21 20:50

Client ID: B1 (0-2') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/08/21 20:23

Analyst: LAC

Percent Solids: 94%

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

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 Date Collected: 10/04/21 20:50

Client ID: B1 (0-2') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	16		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	0.72	J	ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 Date Collected: 10/04/21 20:50

Client ID: B1 (0-2') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	0.86	J	ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	86		70-130

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02 Date Collected: 10/04/21 20:10

Client ID: B2 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/08/21 20:48

Analyst: LAC

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02 Date Collected: 10/04/21 20:10

Client ID: B2 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02 Date Collected: 10/04/21 20:10

Client ID: B2 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	110		70-130

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03 Date Collected: 10/04/21 17:25

Client ID: B3 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/08/21 21:13

Analyst: LAC

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03 Date Collected: 10/04/21 17:25

Client ID: B3 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	2.1	J	ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03 Date Collected: 10/04/21 17:25

Client ID: B3 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	0.77	J	ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04 Date Collected: 10/04/21 17:50

Client ID: B4 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/08/21 21:38

Analyst: LAC

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	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	0.47	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: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04 Date Collected: 10/04/21 17:50

Client ID: B4 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, 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: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04 Date Collected: 10/04/21 17:50

Client ID: B4 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	107		70-130

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 Date Collected: 10/04/21 18:20

Client ID: B5 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/09/21 03:02

Analyst: LAC

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	60	8.6	1
Chloroform	ND		ug/kg	89	8.4	1
Carbon tetrachloride	ND		ug/kg	60	14.	1
1,2-Dichloropropane	ND		ug/kg	60	7.4	1
Dibromochloromethane	ND		ug/kg	60	8.4	1
1,1,2-Trichloroethane	ND		ug/kg	60	16.	1
Tetrachloroethene	ND		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.6	1
Trichlorofluoromethane	ND		ug/kg	240	41.	1
1,2-Dichloroethane	ND		ug/kg	60	15.	1
1,1,1-Trichloroethane	ND		ug/kg	30	10.	1
Bromodichloromethane	ND		ug/kg	30	6.5	1
trans-1,3-Dichloropropene	ND		ug/kg	60	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.4	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.4	1
1,1-Dichloropropene	ND		ug/kg	30	9.5	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	9.9	1
Benzene	ND		ug/kg	30	9.9	1
Toluene	ND		ug/kg	60	32.	1
Ethylbenzene	ND		ug/kg	60	8.4	1
Chloromethane	ND		ug/kg	240	56.	1
Bromomethane	ND		ug/kg	120	35.	1
Vinyl chloride	ND		ug/kg	60	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	60	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	89	8.2	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 Date Collected: 10/04/21 18:20

Client ID: B5 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	30	8.2	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	33.	1
o-Xylene	40	J	ug/kg	60	17.	1
Xylenes, Total	40	J	ug/kg	60	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	60	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	60	8.2	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	60	12.	1
Dichlorodifluoromethane	ND		ug/kg	600	54.	1
Acetone	ND		ug/kg	600	290	1
Carbon disulfide	ND		ug/kg	600	270	1
2-Butanone	190	J	ug/kg	600	130	1
Vinyl acetate	ND		ug/kg	600	130	1
4-Methyl-2-pentanone	ND		ug/kg	600	76.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.6	1
2-Hexanone	ND		ug/kg	600	70.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	60	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	7.9	1
Bromobenzene	ND		ug/kg	120	8.6	1
n-Butylbenzene	ND		ug/kg	60	10.	1
sec-Butylbenzene	ND		ug/kg	60	8.7	1
tert-Butylbenzene	ND		ug/kg	120	7.0	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	60.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	ND		ug/kg	60	6.5	1
p-Isopropyltoluene	ND		ug/kg	60	6.5	1
Naphthalene	2700		ug/kg	240	39.	1
Acrylonitrile	ND		ug/kg	240	68.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 Date Collected: 10/04/21 18:20

Client ID: B5 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	60	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4800	2100	1
p-Diethylbenzene	ND		ug/kg	120	10.	1
p-Ethyltoluene	ND		ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	44	J	ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	85.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	104		70-130

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 Date Collected: 10/04/21 19:00

Client ID: B6 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/08/21 22:03

Analyst: LAC

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 Date Collected: 10/04/21 19:00

Client ID: B6 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.7		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 Date Collected: 10/04/21 19:00

Client ID: B6 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	110		70-130

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07 Date Collected: 10/04/21 19:50

Client ID: B7 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/08/21 22:28

Analyst: LAC

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	0.32	J	ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07 Date Collected: 10/04/21 19:50

Client ID: B7 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.30	J	ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07 Date Collected: 10/04/21 19:50

Client ID: B7 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	112		70-130

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08 Date Collected: 10/04/21 20:15

Client ID: B2 (4-6') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/08/21 22:53

Analyst: LAC

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08 Date Collected: 10/04/21 20:15

Client ID: B2 (4-6') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08 Date Collected: 10/04/21 20:15

Client ID: B2 (4-6') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	110		70-130

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 18:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06-08 Batch: WG1556634-5					
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: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 18:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06-08 Batch: WG1556634-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.66	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	2.4	J	ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 18:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06-08 Batch: WG1556634-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.69	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	104		70-130

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 18:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1556636-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 18:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1556636-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	33	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	120	J	ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/21 18:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1556636-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	34	J	ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG1556634-3 WG1556634-4								
Methylene chloride	88		85		70-130	3		30
1,1-Dichloroethane	100		97		70-130	3		30
Chloroform	93		89		70-130	4		30
Carbon tetrachloride	110		106		70-130	4		30
1,2-Dichloropropane	96		92		70-130	4		30
Dibromochloromethane	106		103		70-130	3		30
1,1,2-Trichloroethane	92		90		70-130	2		30
Tetrachloroethene	108		104		70-130	4		30
Chlorobenzene	94		91		70-130	3		30
Trichlorofluoromethane	82		79		70-139	4		30
1,2-Dichloroethane	104		102		70-130	2		30
1,1,1-Trichloroethane	113		109		70-130	4		30
Bromodichloromethane	102		99		70-130	3		30
trans-1,3-Dichloropropene	108		105		70-130	3		30
cis-1,3-Dichloropropene	107		104		70-130	3		30
1,1-Dichloropropene	110		104		70-130	6		30
Bromoform	106		101		70-130	5		30
1,1,2,2-Tetrachloroethane	93		87		70-130	7		30
Benzene	96		92		70-130	4		30
Toluene	90		87		70-130	3		30
Ethylbenzene	101		97		70-130	4		30
Chloromethane	119		114		52-130	4		30
Bromomethane	59		**55**	Q	57-147	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG1556634-3 WG1556634-4								
Vinyl chloride	78		74		67-130	5		30
Chloroethane	62		58		50-151	7		30
1,1-Dichloroethene	107		102		65-135	5		30
trans-1,2-Dichloroethene	100		95		70-130	5		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	99		94		70-130	5		30
1,3-Dichlorobenzene	98		92		70-130	6		30
1,4-Dichlorobenzene	95		90		70-130	5		30
Methyl tert butyl ether	108		104		66-130	4		30
p/m-Xylene	101		98		70-130	3		30
o-Xylene	89		86		70-130	3		30
cis-1,2-Dichloroethene	96		92		70-130	4		30
Dibromomethane	92		92		70-130	0		30
Styrene	88		86		70-130	2		30
Dichlorodifluoromethane	142		133		30-146	7		30
Acetone	130		123		54-140	6		30
Carbon disulfide	90		86		59-130	5		30
2-Butanone	**152**	Q	**144**	Q	70-130	5		30
Vinyl acetate	108		105		70-130	3		30
4-Methyl-2-pentanone	116		112		70-130	4		30
1,2,3-Trichloropropane	94		90		68-130	4		30
2-Hexanone	**141**	Q	**137**	Q	70-130	3		30
Bromochloromethane	95		92		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG1556634-3 WG1556634-4								
2,2-Dichloropropane	115		109		70-130	5		30
1,2-Dibromoethane	103		100		70-130	3		30
1,3-Dichloropropane	96		95		69-130	1		30
1,1,1,2-Tetrachloroethane	103		101		70-130	2		30
Bromobenzene	102		97		70-130	5		30
n-Butylbenzene	102		97		70-130	5		30
sec-Butylbenzene	102		97		70-130	5		30
tert-Butylbenzene	105		100		70-130	5		30
o-Chlorotoluene	114		107		70-130	6		30
p-Chlorotoluene	103		97		70-130	6		30
1,2-Dibromo-3-chloropropane	109		104		68-130	5		30
Hexachlorobutadiene	122		114		67-130	7		30
Isopropylbenzene	104		98		70-130	6		30
p-Isopropyltoluene	109		103		70-130	6		30
Naphthalene	106		101		70-130	5		30
Acrylonitrile	103		98		70-130	5		30
n-Propylbenzene	100		95		70-130	5		30
1,2,3-Trichlorobenzene	117		111		70-130	5		30
1,2,4-Trichlorobenzene	117		112		70-130	4		30
1,3,5-Trimethylbenzene	105		100		70-130	5		30
1,2,4-Trimethylbenzene	107		102		70-130	5		30
1,4-Dioxane	90		86		65-136	5		30
p-Diethylbenzene	107		101		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG1556634-3 WG1556634-4								
p-Ethyltoluene	104		98		70-130	6		30
1,2,4,5-Tetramethylbenzene	100		95		70-130	5		30
Ethyl ether	96		92		67-130	4		30
trans-1,4-Dichloro-2-butene	98		91		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		111		70-130
Toluene-d8	105		103		70-130
4-Bromofluorobenzene	112		108		70-130
Dibromofluoromethane	105		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1556636-3 WG1556636-4								
Methylene chloride	88		85		70-130	3		30
1,1-Dichloroethane	100		97		70-130	3		30
Chloroform	93		89		70-130	4		30
Carbon tetrachloride	110		106		70-130	4		30
1,2-Dichloropropane	96		92		70-130	4		30
Dibromochloromethane	106		103		70-130	3		30
1,1,2-Trichloroethane	92		90		70-130	2		30
Tetrachloroethene	108		104		70-130	4		30
Chlorobenzene	94		91		70-130	3		30
Trichlorofluoromethane	82		79		70-139	4		30
1,2-Dichloroethane	104		102		70-130	2		30
1,1,1-Trichloroethane	113		109		70-130	4		30
Bromodichloromethane	102		99		70-130	3		30
trans-1,3-Dichloropropene	108		105		70-130	3		30
cis-1,3-Dichloropropene	107		104		70-130	3		30
1,1-Dichloropropene	110		104		70-130	6		30
Bromoform	106		101		70-130	5		30
1,1,2,2-Tetrachloroethane	93		87		70-130	7		30
Benzene	96		92		70-130	4		30
Toluene	90		87		70-130	3		30
Ethylbenzene	101		97		70-130	4		30
Chloromethane	119		114		52-130	4		30
Bromomethane	59		**55**	Q	57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1556636-3 WG1556636-4								
Vinyl chloride	78		74		67-130	5		30
Chloroethane	62		58		50-151	7		30
1,1-Dichloroethene	107		102		65-135	5		30
trans-1,2-Dichloroethene	100		95		70-130	5		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	99		94		70-130	5		30
1,3-Dichlorobenzene	98		92		70-130	6		30
1,4-Dichlorobenzene	95		90		70-130	5		30
Methyl tert butyl ether	108		104		66-130	4		30
p/m-Xylene	101		98		70-130	3		30
o-Xylene	89		86		70-130	3		30
cis-1,2-Dichloroethene	96		92		70-130	4		30
Dibromomethane	92		92		70-130	0		30
Styrene	88		86		70-130	2		30
Dichlorodifluoromethane	142		133		30-146	7		30
Acetone	130		123		54-140	6		30
Carbon disulfide	90		86		59-130	5		30
2-Butanone	**152**	Q	**144**	Q	70-130	5		30
Vinyl acetate	108		105		70-130	3		30
4-Methyl-2-pentanone	116		112		70-130	4		30
1,2,3-Trichloropropane	94		90		68-130	4		30
2-Hexanone	**141**	Q	**137**	Q	70-130	3		30
Bromochloromethane	95		92		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1556636-3 WG1556636-4								
2,2-Dichloropropane	115		109		70-130	5		30
1,2-Dibromoethane	103		100		70-130	3		30
1,3-Dichloropropane	96		95		69-130	1		30
1,1,1,2-Tetrachloroethane	103		101		70-130	2		30
Bromobenzene	102		97		70-130	5		30
n-Butylbenzene	102		97		70-130	5		30
sec-Butylbenzene	102		97		70-130	5		30
tert-Butylbenzene	105		100		70-130	5		30
o-Chlorotoluene	114		107		70-130	6		30
p-Chlorotoluene	103		97		70-130	6		30
1,2-Dibromo-3-chloropropane	109		104		68-130	5		30
Hexachlorobutadiene	122		114		67-130	7		30
Isopropylbenzene	104		98		70-130	6		30
p-Isopropyltoluene	109		103		70-130	6		30
Naphthalene	106		101		70-130	5		30
Acrylonitrile	103		98		70-130	5		30
n-Propylbenzene	100		95		70-130	5		30
1,2,3-Trichlorobenzene	117		111		70-130	5		30
1,2,4-Trichlorobenzene	117		112		70-130	4		30
1,3,5-Trimethylbenzene	105		100		70-130	5		30
1,2,4-Trimethylbenzene	107		102		70-130	5		30
1,4-Dioxane	90		86		65-136	5		30
p-Diethylbenzene	107		101		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1556636-3 WG1556636-4								
p-Ethyltoluene	104		98		70-130	6		30
1,2,4,5-Tetramethylbenzene	100		95		70-130	5		30
Ethyl ether	96		92		67-130	4		30
trans-1,4-Dichloro-2-butene	98		91		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		111		70-130
Toluene-d8	105		103		70-130
4-Bromofluorobenzene	112		108		70-130
Dibromofluoromethane	105		104		70-130

SEMIVOLATILES

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 RE
Client ID: B1 (0-2')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/21 15:55
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/08/21 19:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	280	36.	2
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	2
Hexachlorobenzene	ND		ug/kg	210	39.	2
Bis(2-chloroethyl)ether	ND		ug/kg	310	47.	2
2-Chloronaphthalene	ND		ug/kg	350	34.	2
1,2-Dichlorobenzene	ND		ug/kg	350	62.	2
1,3-Dichlorobenzene	ND		ug/kg	350	60.	2
1,4-Dichlorobenzene	ND		ug/kg	350	61.	2
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	2
2,4-Dinitrotoluene	ND		ug/kg	350	70.	2
2,6-Dinitrotoluene	ND		ug/kg	350	60.	2
Fluoranthene	4400		ug/kg	210	40.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	350	37.	2
4-Bromophenyl phenyl ether	ND		ug/kg	350	53.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	2
Hexachlorobutadiene	ND		ug/kg	350	51.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	280	56.	2
Isophorone	ND		ug/kg	310	45.	2
Naphthalene	130	J	ug/kg	350	42.	2
Nitrobenzene	ND		ug/kg	310	52.	2
NDPA/DPA	64	J	ug/kg	280	40.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	2
Butyl benzyl phthalate	ND		ug/kg	350	88.	2
Di-n-butylphthalate	ND		ug/kg	350	66.	2
Di-n-octylphthalate	ND		ug/kg	350	120	2

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 RE Date Collected: 10/04/21 20:50

Client ID: B1 (0-2') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	350	32.	2
Dimethyl phthalate	ND		ug/kg	350	73.	2
Benzo(a)anthracene	2300		ug/kg	210	39.	2
Benzo(a)pyrene	2200		ug/kg	280	85.	2
Benzo(b)fluoranthene	2800		ug/kg	210	59.	2
Benzo(k)fluoranthene	900		ug/kg	210	56.	2
Chrysene	2300		ug/kg	210	36.	2
Acenaphthylene	84	J	ug/kg	280	54.	2
Anthracene	660		ug/kg	210	68.	2
Benzo(ghi)perylene	1600		ug/kg	280	41.	2
Fluorene	98	J	ug/kg	350	34.	2
Phenanthrene	3800		ug/kg	210	42.	2
Dibenzo(a,h)anthracene	340		ug/kg	210	40.	2
Indeno(1,2,3-cd)pyrene	1500		ug/kg	280	48.	2
Pyrene	4200		ug/kg	210	35.	2
Biphenyl	ND		ug/kg	790	81.	2
4-Chloroaniline	ND		ug/kg	350	63.	2
2-Nitroaniline	ND		ug/kg	350	67.	2
3-Nitroaniline	ND		ug/kg	350	66.	2
4-Nitroaniline	ND		ug/kg	350	140	2
Dibenzofuran	280	J	ug/kg	350	33.	2
2-Methylnaphthalene	130	J	ug/kg	420	42.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	36.	2
Acetophenone	ND		ug/kg	350	43.	2
2,4,6-Trichlorophenol	ND		ug/kg	210	66.	2
p-Chloro-m-cresol	ND		ug/kg	350	52.	2
2-Chlorophenol	ND		ug/kg	350	41.	2
2,4-Dichlorophenol	ND		ug/kg	310	56.	2
2,4-Dimethylphenol	ND		ug/kg	350	120	2
2-Nitrophenol	ND		ug/kg	750	130	2
4-Nitrophenol	ND		ug/kg	490	140	2
2,4-Dinitrophenol	ND		ug/kg	1700	160	2
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	2
Pentachlorophenol	ND		ug/kg	280	77.	2
Phenol	ND		ug/kg	350	53.	2
2-Methylphenol	ND		ug/kg	350	54.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	500	54.	2

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 RE Date Collected: 10/04/21 20:50

Client ID: B1 (0-2') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	2
Benzoic Acid	ND		ug/kg	1100	350	2
Benzyl Alcohol	ND		ug/kg	350	110	2
Carbazole	120	J	ug/kg	350	34.	2
1,4-Dioxane	ND		ug/kg	52	16.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**1**	Q	25-120
Phenol-d6	**8**	Q	10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	105		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 D
Client ID: B1 (0-2')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 18:33
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	690	89.	5
1,2,4-Trichlorobenzene	ND		ug/kg	860	98.	5
Hexachlorobenzene	ND		ug/kg	520	96.	5
Bis(2-chloroethyl)ether	ND		ug/kg	770	120	5
2-Chloronaphthalene	ND		ug/kg	860	85.	5
1,2-Dichlorobenzene	ND		ug/kg	860	150	5
1,3-Dichlorobenzene	ND		ug/kg	860	150	5
1,4-Dichlorobenzene	ND		ug/kg	860	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	860	230	5
2,4-Dinitrotoluene	ND		ug/kg	860	170	5
2,6-Dinitrotoluene	ND		ug/kg	860	150	5
Fluoranthene	2800		ug/kg	520	98.	5
4-Chlorophenyl phenyl ether	ND		ug/kg	860	92.	5
4-Bromophenyl phenyl ether	ND		ug/kg	860	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	930	86.	5
Hexachlorobutadiene	ND		ug/kg	860	120	5
Hexachlorocyclopentadiene	ND		ug/kg	2400	780	5
Hexachloroethane	ND		ug/kg	690	140	5
Isophorone	ND		ug/kg	770	110	5
Naphthalene	110	J	ug/kg	860	100	5
Nitrobenzene	ND		ug/kg	770	130	5
NDPA/DPA	ND		ug/kg	690	98.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	860	130	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	860	300	5
Butyl benzyl phthalate	ND		ug/kg	860	220	5
Di-n-butylphthalate	ND		ug/kg	860	160	5
Di-n-octylphthalate	ND		ug/kg	860	290	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 D Date Collected: 10/04/21 20:50

Client ID: B1 (0-2') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	860	79.	5
Dimethyl phthalate	ND		ug/kg	860	180	5
Benzo(a)anthracene	1400		ug/kg	520	97.	5
Benzo(a)pyrene	1300		ug/kg	690	210	5
Benzo(b)fluoranthene	1700		ug/kg	520	140	5
Benzo(k)fluoranthene	530		ug/kg	520	140	5
Chrysene	1400		ug/kg	520	89.	5
Acenaphthylene	ND		ug/kg	690	130	5
Anthracene	410	J	ug/kg	520	170	5
Benzo(ghi)perylene	1000		ug/kg	690	100	5
Fluorene	ND		ug/kg	860	83.	5
Phenanthrene	2300		ug/kg	520	100	5
Dibenzo(a,h)anthracene	230	J	ug/kg	520	99.	5
Indeno(1,2,3-cd)pyrene	1100		ug/kg	690	120	5
Pyrene	2600		ug/kg	520	85.	5
Biphenyl	ND		ug/kg	2000	200	5
4-Chloroaniline	ND		ug/kg	860	160	5
2-Nitroaniline	ND		ug/kg	860	160	5
3-Nitroaniline	ND		ug/kg	860	160	5
4-Nitroaniline	ND		ug/kg	860	360	5
Dibenzofuran	190	J	ug/kg	860	81.	5
2-Methylnaphthalene	110	J	ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	860	90.	5
Acetophenone	ND		ug/kg	860	110	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
p-Chloro-m-cresol	ND		ug/kg	860	130	5
2-Chlorophenol	ND		ug/kg	860	100	5
2,4-Dichlorophenol	ND		ug/kg	770	140	5
2,4-Dimethylphenol	ND		ug/kg	860	280	5
2-Nitrophenol	ND		ug/kg	1800	320	5
4-Nitrophenol	ND		ug/kg	1200	350	5
2,4-Dinitrophenol	ND		ug/kg	4100	400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	410	5
Pentachlorophenol	ND		ug/kg	690	190	5
Phenol	ND		ug/kg	860	130	5
2-Methylphenol	ND		ug/kg	860	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	130	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 D
Client ID: B1 (0-2')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	860	160	5
Benzoic Acid	ND		ug/kg	2800	870	5
Benzyl Alcohol	ND		ug/kg	860	260	5
Carbazole	160	J	ug/kg	860	83.	5
1,4-Dioxane	ND		ug/kg	130	39.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**1**	Q	25-120
Phenol-d6	**6**	Q	10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	66		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02
Client ID: B2 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:10
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 05:54
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1200		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	7200	E	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1300		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02 Date Collected: 10/04/21 20:10

Client ID: B2 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	4400		ug/kg	110	20.	1
Benzo(a)pyrene	3800		ug/kg	140	43.	1
Benzo(b)fluoranthene	5000		ug/kg	110	30.	1
Benzo(k)fluoranthene	1300		ug/kg	110	28.	1
Chrysene	3900		ug/kg	110	18.	1
Acenaphthylene	320		ug/kg	140	27.	1
Anthracene	2300		ug/kg	110	34.	1
Benzo(ghi)perylene	2700		ug/kg	140	21.	1
Fluorene	1200		ug/kg	180	17.	1
Phenanthrene	7000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	800		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	2900		ug/kg	140	25.	1
Pyrene	6600		ug/kg	110	18.	1
Biphenyl	150	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	960		ug/kg	180	17.	1
2-Methylnaphthalene	570		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	48	J	ug/kg	250	28.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02 Date Collected: 10/04/21 20:10

Client ID: B2 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	1200		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	53		18-120

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02 D
Client ID: B2 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:10
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 18:32
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	530	100	5

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03
Client ID: B3 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 17:25
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 04:04
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	790		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	6800		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	800		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03 Date Collected: 10/04/21 17:25

Client ID: B3 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	3700		ug/kg	110	20.	1
Benzo(a)pyrene	3100		ug/kg	140	44.	1
Benzo(b)fluoranthene	4300		ug/kg	110	30.	1
Benzo(k)fluoranthene	1200		ug/kg	110	28.	1
Chrysene	3600		ug/kg	110	18.	1
Acenaphthylene	320		ug/kg	140	28.	1
Anthracene	1900		ug/kg	110	35.	1
Benzo(ghi)perylene	2100		ug/kg	140	21.	1
Fluorene	870		ug/kg	180	17.	1
Phenanthrene	6200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	620		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2300		ug/kg	140	25.	1
Pyrene	5700		ug/kg	110	18.	1
Biphenyl	98	J	ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	680		ug/kg	180	17.	1
2-Methylnaphthalene	340		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	42	J	ug/kg	260	28.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03 Date Collected: 10/04/21 17:25

Client ID: B3 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	1100		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	71		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04
Client ID: B4 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 17:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 00:26
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04 Date Collected: 10/04/21 17:50

Client ID: B4 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04 Date Collected: 10/04/21 17:50

Client ID: B4 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	76		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 RE\D
Client ID: B5 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 18:20
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/11/21 12:28
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/08/21 18:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1700		ug/kg	700	90.	5
1,2,4-Trichlorobenzene	ND		ug/kg	870	99.	5
Hexachlorobenzene	ND		ug/kg	520	97.	5
Bis(2-chloroethyl)ether	ND		ug/kg	780	120	5
2-Chloronaphthalene	ND		ug/kg	870	86.	5
1,2-Dichlorobenzene	ND		ug/kg	870	160	5
1,3-Dichlorobenzene	ND		ug/kg	870	150	5
1,4-Dichlorobenzene	ND		ug/kg	870	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	870	230	5
2,4-Dinitrotoluene	ND		ug/kg	870	170	5
2,6-Dinitrotoluene	ND		ug/kg	870	150	5
Fluoranthene	15000		ug/kg	520	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	870	93.	5
4-Bromophenyl phenyl ether	ND		ug/kg	870	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	940	87.	5
Hexachlorobutadiene	ND		ug/kg	870	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	790	5
Hexachloroethane	ND		ug/kg	700	140	5
Isophorone	ND		ug/kg	780	110	5
Naphthalene	1600		ug/kg	870	100	5
Nitrobenzene	ND		ug/kg	780	130	5
NDPA/DPA	ND		ug/kg	700	99.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	870	130	5
Bis(2-ethylhexyl)phthalate	630	J	ug/kg	870	300	5
Butyl benzyl phthalate	ND		ug/kg	870	220	5
Di-n-butylphthalate	ND		ug/kg	870	160	5
Di-n-octylphthalate	ND		ug/kg	870	300	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 RE\D Date Collected: 10/04/21 18:20

Client ID: B5 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	870	80.	5
Dimethyl phthalate	ND		ug/kg	870	180	5
Benzo(a)anthracene	5900		ug/kg	520	98.	5
Benzo(a)pyrene	5500		ug/kg	700	210	5
Benzo(b)fluoranthene	7100		ug/kg	520	150	5
Benzo(k)fluoranthene	2000		ug/kg	520	140	5
Chrysene	5300		ug/kg	520	90.	5
Acenaphthylene	160	J	ug/kg	700	130	5
Anthracene	3500		ug/kg	520	170	5
Benzo(ghi)perylene	3500		ug/kg	700	100	5
Fluorene	1500		ug/kg	870	84.	5
Phenanthrene	13000		ug/kg	520	100	5
Dibenzo(a,h)anthracene	840		ug/kg	520	100	5
Indeno(1,2,3-cd)pyrene	3700		ug/kg	700	120	5
Pyrene	12000		ug/kg	520	86.	5
Biphenyl	ND		ug/kg	2000	200	5
4-Chloroaniline	ND		ug/kg	870	160	5
2-Nitroaniline	ND		ug/kg	870	170	5
3-Nitroaniline	ND		ug/kg	870	160	5
4-Nitroaniline	ND		ug/kg	870	360	5
Dibenzofuran	1100		ug/kg	870	82.	5
2-Methylnaphthalene	610	J	ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	870	91.	5
Acetophenone	ND		ug/kg	870	110	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
p-Chloro-m-cresol	ND		ug/kg	870	130	5
2-Chlorophenol	ND		ug/kg	870	100	5
2,4-Dichlorophenol	ND		ug/kg	780	140	5
2,4-Dimethylphenol	ND		ug/kg	870	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	350	5
2,4-Dinitrophenol	ND		ug/kg	4200	400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	420	5
Pentachlorophenol	ND		ug/kg	700	190	5
Phenol	ND		ug/kg	870	130	5
2-Methylphenol	ND		ug/kg	870	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	140	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 RE\D Date Collected: 10/04/21 18:20

Client ID: B5 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	870	170	5
Benzoic Acid	ND		ug/kg	2800	880	5
Benzyl Alcohol	ND		ug/kg	870	270	5
Carbazole	1400		ug/kg	870	84.	5
1,4-Dioxane	ND		ug/kg	130	40.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**18**	Q	25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	**9**	Q	10-136
4-Terphenyl-d14	86		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 D
Client ID: B5 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 18:20
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 18:53
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2100		ug/kg	700	91.	5
1,2,4-Trichlorobenzene	ND		ug/kg	880	100	5
Hexachlorobenzene	ND		ug/kg	530	98.	5
Bis(2-chloroethyl)ether	ND		ug/kg	790	120	5
2-Chloronaphthalene	ND		ug/kg	880	87.	5
1,2-Dichlorobenzene	ND		ug/kg	880	160	5
1,3-Dichlorobenzene	ND		ug/kg	880	150	5
1,4-Dichlorobenzene	ND		ug/kg	880	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	880	230	5
2,4-Dinitrotoluene	ND		ug/kg	880	180	5
2,6-Dinitrotoluene	ND		ug/kg	880	150	5
Fluoranthene	13000		ug/kg	530	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	880	94.	5
4-Bromophenyl phenyl ether	ND		ug/kg	880	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	950	88.	5
Hexachlorobutadiene	ND		ug/kg	880	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	790	5
Hexachloroethane	ND		ug/kg	700	140	5
Isophorone	ND		ug/kg	790	110	5
Naphthalene	2000		ug/kg	880	110	5
Nitrobenzene	ND		ug/kg	790	130	5
NDPA/DPA	ND		ug/kg	700	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	880	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	880	300	5
Butyl benzyl phthalate	ND		ug/kg	880	220	5
Di-n-butylphthalate	ND		ug/kg	880	170	5
Di-n-octylphthalate	ND		ug/kg	880	300	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 D Date Collected: 10/04/21 18:20

Client ID: B5 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	880	81.	5
Dimethyl phthalate	ND		ug/kg	880	180	5
Benzo(a)anthracene	6200		ug/kg	530	99.	5
Benzo(a)pyrene	5300		ug/kg	700	210	5
Benzo(b)fluoranthene	6100		ug/kg	530	150	5
Benzo(k)fluoranthene	2600		ug/kg	530	140	5
Chrysene	5500		ug/kg	530	91.	5
Acenaphthylene	150	J	ug/kg	700	140	5
Anthracene	4000		ug/kg	530	170	5
Benzo(ghi)perylene	3400		ug/kg	700	100	5
Fluorene	1800		ug/kg	880	85.	5
Phenanthrene	12000		ug/kg	530	110	5
Dibenzo(a,h)anthracene	750		ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	3600		ug/kg	700	120	5
Pyrene	11000		ug/kg	530	87.	5
Biphenyl	200	J	ug/kg	2000	200	5
4-Chloroaniline	ND		ug/kg	880	160	5
2-Nitroaniline	ND		ug/kg	880	170	5
3-Nitroaniline	ND		ug/kg	880	160	5
4-Nitroaniline	ND		ug/kg	880	360	5
Dibenzofuran	1300		ug/kg	880	83.	5
2-Methylnaphthalene	720	J	ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	880	92.	5
Acetophenone	ND		ug/kg	880	110	5
2,4,6-Trichlorophenol	ND		ug/kg	530	170	5
p-Chloro-m-cresol	ND		ug/kg	880	130	5
2-Chlorophenol	ND		ug/kg	880	100	5
2,4-Dichlorophenol	ND		ug/kg	790	140	5
2,4-Dimethylphenol	ND		ug/kg	880	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4200	410	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	420	5
Pentachlorophenol	ND		ug/kg	700	190	5
Phenol	ND		ug/kg	880	130	5
2-Methylphenol	ND		ug/kg	880	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05 D Date Collected: 10/04/21 18:20

Client ID: B5 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	880	170	5
Benzoic Acid	ND		ug/kg	2800	890	5
Benzyl Alcohol	ND		ug/kg	880	270	5
Carbazole	1600		ug/kg	880	85.	5
1,4-Dioxane	ND		ug/kg	130	40.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**12**	Q	25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	**2**	Q	10-136
4-Terphenyl-d14	83		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06
Client ID: B6 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 19:00
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 05:10
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	31	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	780		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	30	J	ug/kg	160	23.	1
Naphthalene	33	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	330		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 Date Collected: 10/04/21 19:00

Client ID: B6 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	490		ug/kg	100	20.	1
Benzo(a)pyrene	470		ug/kg	140	43.	1
Benzo(b)fluoranthene	580		ug/kg	100	30.	1
Benzo(k)fluoranthene	180		ug/kg	100	28.	1
Chrysene	420		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	120		ug/kg	100	34.	1
Benzo(ghi)perylene	370		ug/kg	140	21.	1
Fluorene	26	J	ug/kg	180	17.	1
Phenanthrene	490		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	68	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	350		ug/kg	140	24.	1
Pyrene	740		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	31	J	ug/kg	180	16.	1
2-Methylnaphthalene	26	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 Date Collected: 10/04/21 19:00

Client ID: B6 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	78	J	ug/kg	180	54.	1
Carbazole	25	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	56		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 RE
Client ID: B6 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 19:00
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/21 16:16
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/08/21 18:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	42	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1200		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	83	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 RE Date Collected: 10/04/21 19:00

Client ID: B6 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	680		ug/kg	110	20.	1
Benzo(a)pyrene	670		ug/kg	140	44.	1
Benzo(b)fluoranthene	840		ug/kg	110	30.	1
Benzo(k)fluoranthene	270		ug/kg	110	28.	1
Chrysene	660		ug/kg	110	18.	1
Acenaphthylene	34	J	ug/kg	140	28.	1
Anthracene	170		ug/kg	110	35.	1
Benzo(ghi)perylene	530		ug/kg	140	21.	1
Fluorene	37	J	ug/kg	180	17.	1
Phenanthrene	790		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	130		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	510		ug/kg	140	25.	1
Pyrene	1100		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	64	J	ug/kg	180	17.	1
2-Methylnaphthalene	60	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	24	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06 RE Date Collected: 10/04/21 19:00

Client ID: B6 (1-3') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	74	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	11		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	79		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07
Client ID: B7 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 19:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 04:48
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	690		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	6500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	300		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07 Date Collected: 10/04/21 19:50

Client ID: B7 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3900		ug/kg	110	20.	1
Benzo(a)pyrene	3300		ug/kg	140	44.	1
Benzo(b)fluoranthene	4100		ug/kg	110	30.	1
Benzo(k)fluoranthene	1400		ug/kg	110	29.	1
Chrysene	3400		ug/kg	110	19.	1
Acenaphthylene	340		ug/kg	140	28.	1
Anthracene	1800		ug/kg	110	35.	1
Benzo(ghi)perylene	2200		ug/kg	140	21.	1
Fluorene	680		ug/kg	180	18.	1
Phenanthrene	5600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	610		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2400		ug/kg	140	25.	1
Pyrene	6000		ug/kg	110	18.	1
Biphenyl	58	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	500		ug/kg	180	17.	1
2-Methylnaphthalene	190	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07 Date Collected: 10/04/21 19:50

Client ID: B7 (3-5') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	670		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	68		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08 D
Client ID: B2 (4-6')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:15
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/21 19:15
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1200		ug/kg	720	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	910	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	910	90.	5
1,2-Dichlorobenzene	ND		ug/kg	910	160	5
1,3-Dichlorobenzene	ND		ug/kg	910	160	5
1,4-Dichlorobenzene	ND		ug/kg	910	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	910	240	5
2,4-Dinitrotoluene	ND		ug/kg	910	180	5
2,6-Dinitrotoluene	ND		ug/kg	910	160	5
Fluoranthene	12000		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	910	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	910	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	910	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	720	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	910		ug/kg	910	110	5
Nitrobenzene	ND		ug/kg	820	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	910	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	910	310	5
Butyl benzyl phthalate	290	J	ug/kg	910	230	5
Di-n-butylphthalate	ND		ug/kg	910	170	5
Di-n-octylphthalate	ND		ug/kg	910	310	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08 D Date Collected: 10/04/21 20:15

Client ID: B2 (4-6') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	910	84.	5
Dimethyl phthalate	ND		ug/kg	910	190	5
Benzo(a)anthracene	5800		ug/kg	540	100	5
Benzo(a)pyrene	4500		ug/kg	720	220	5
Benzo(b)fluoranthene	5600		ug/kg	540	150	5
Benzo(k)fluoranthene	2200		ug/kg	540	140	5
Chrysene	5500		ug/kg	540	94.	5
Acenaphthylene	380	J	ug/kg	720	140	5
Anthracene	2500		ug/kg	540	180	5
Benzo(ghi)perylene	2600		ug/kg	720	110	5
Fluorene	1200		ug/kg	910	88.	5
Phenanthrene	12000		ug/kg	540	110	5
Dibenzo(a,h)anthracene	740		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	2800		ug/kg	720	130	5
Pyrene	10000		ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	910	160	5
2-Nitroaniline	ND		ug/kg	910	170	5
3-Nitroaniline	ND		ug/kg	910	170	5
4-Nitroaniline	ND		ug/kg	910	380	5
Dibenzofuran	1000		ug/kg	910	86.	5
2-Methylnaphthalene	520	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	910	95.	5
Acetophenone	ND		ug/kg	910	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	910	140	5
2-Chlorophenol	ND		ug/kg	910	110	5
2,4-Dichlorophenol	ND		ug/kg	820	140	5
2,4-Dimethylphenol	ND		ug/kg	910	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	910	140	5
2-Methylphenol	ND		ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08 D Date Collected: 10/04/21 20:15

Client ID: B2 (4-6') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	910	170	5
Benzoic Acid	ND		ug/kg	2900	920	5
Benzyl Alcohol	ND		ug/kg	910	280	5
Carbazole	1300		ug/kg	910	88.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	14		10-136
4-Terphenyl-d14	75		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/07/21 22:15
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1555279-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/07/21 22:15
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1555279-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/07/21 22:15
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/06/21 15:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1555279-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	49.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	101		18-120

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/21 10:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/08/21 17:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06 Batch: WG1556395-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/21 10:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/08/21 17:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06 Batch: WG1556395-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/21 10:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/08/21 17:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06 Batch: WG1556395-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1555279-2 WG1555279-3								
Acenaphthene	67		87		31-137	26		50
1,2,4-Trichlorobenzene	62		78		38-107	23		50
Hexachlorobenzene	63		86		40-140	31		50
Bis(2-chloroethyl)ether	65		82		40-140	23		50
2-Chloronaphthalene	66		85		40-140	25		50
1,2-Dichlorobenzene	60		75		40-140	22		50
1,3-Dichlorobenzene	58		73		40-140	23		50
1,4-Dichlorobenzene	59		74		28-104	23		50
3,3'-Dichlorobenzidine	60		79		40-140	27		50
2,4-Dinitrotoluene	68		92		40-132	30		50
2,6-Dinitrotoluene	69		94		40-140	31		50
Fluoranthene	70		92		40-140	27		50
4-Chlorophenyl phenyl ether	67		88		40-140	27		50
4-Bromophenyl phenyl ether	66		89		40-140	30		50
Bis(2-chloroisopropyl)ether	69		87		40-140	23		50
Bis(2-chloroethoxy)methane	68		89		40-117	27		50
Hexachlorobutadiene	61		76		40-140	22		50
Hexachlorocyclopentadiene	53		70		40-140	28		50
Hexachloroethane	59		75		40-140	24		50
Isophorone	71		94		40-140	28		50
Naphthalene	65		83		40-140	24		50
Nitrobenzene	67		89		40-140	28		50
NDPA/DPA	70		93		36-157	28		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1555279-2 WG1555279-3								
n-Nitrosodi-n-propylamine	71		91		32-121	25		50
Bis(2-ethylhexyl)phthalate	79		109		40-140	32		50
Butyl benzyl phthalate	76		105		40-140	32		50
Di-n-butylphthalate	77		103		40-140	29		50
Di-n-octylphthalate	78		107		40-140	31		50
Diethyl phthalate	69		93		40-140	30		50
Dimethyl phthalate	70		95		40-140	30		50
Benzo(a)anthracene	69		93		40-140	30		50
Benzo(a)pyrene	71		95		40-140	29		50
Benzo(b)fluoranthene	67		89		40-140	28		50
Benzo(k)fluoranthene	73		100		40-140	31		50
Chrysene	65		87		40-140	29		50
Acenaphthylene	70		90		40-140	25		50
Anthracene	69		91		40-140	28		50
Benzo(ghi)perylene	69		92		40-140	29		50
Fluorene	69		90		40-140	26		50
Phenanthrene	67		88		40-140	27		50
Dibenzo(a,h)anthracene	73		98		40-140	29		50
Indeno(1,2,3-cd)pyrene	66		89		40-140	30		50
Pyrene	69		91		35-142	28		50
Biphenyl	65		85		37-127	27		50
4-Chloroaniline	66		88		40-140	29		50
2-Nitroaniline	70		95		47-134	30		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1555279-2 WG1555279-3								
3-Nitroaniline	59		80		26-129	30		50
4-Nitroaniline	65		89		41-125	31		50
Dibenzofuran	67		87		40-140	26		50
2-Methylnaphthalene	64		82		40-140	25		50
1,2,4,5-Tetrachlorobenzene	64		81		40-117	23		50
Acetophenone	65		83		14-144	24		50
2,4,6-Trichlorophenol	67		88		30-130	27		50
p-Chloro-m-cresol	73		98		26-103	29		50
2-Chlorophenol	67		85		25-102	24		50
2,4-Dichlorophenol	71		93		30-130	27		50
2,4-Dimethylphenol	75		99		30-130	28		50
2-Nitrophenol	68		87		30-130	25		50
4-Nitrophenol	74		105		11-114	35		50
2,4-Dinitrophenol	36		59		4-130	48		50
4,6-Dinitro-o-cresol	66		93		10-130	34		50
Pentachlorophenol	57		82		17-109	36		50
Phenol	72		**93**	Q	26-90	25		50
2-Methylphenol	72		94		30-130.	27		50
3-Methylphenol/4-Methylphenol	78		102		30-130	27		50
2,4,5-Trichlorophenol	68		93		30-130	31		50
Benzoic Acid	**4**	Q	**6**	Q	10-110	34		50
Benzyl Alcohol	73		97		40-140	28		50
Carbazole	69		92		54-128	29		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1555279-2 WG1555279-3								
1,4-Dioxane	50		66		40-140	28		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		88		25-120
Phenol-d6	72		93		10-120
Nitrobenzene-d5	68		88		23-120
2-Fluorobiphenyl	68		87		30-120
2,4,6-Tribromophenol	65		86		10-136
4-Terphenyl-d14	74		99		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG1556395-2 WG1556395-3								
Acenaphthene	90		99		31-137	10		50
1,2,4-Trichlorobenzene	81		91		38-107	12		50
Hexachlorobenzene	87		95		40-140	9		50
Bis(2-chloroethyl)ether	87		96		40-140	10		50
2-Chloronaphthalene	92		95		40-140	3		50
1,2-Dichlorobenzene	81		89		40-140	9		50
1,3-Dichlorobenzene	79		88		40-140	11		50
1,4-Dichlorobenzene	81		90		28-104	11		50
3,3'-Dichlorobenzidine	88		82		40-140	7		50
2,4-Dinitrotoluene	94		102		40-132	8		50
2,6-Dinitrotoluene	99		102		40-140	3		50
Fluoranthene	96		104		40-140	8		50
4-Chlorophenyl phenyl ether	90		97		40-140	7		50
4-Bromophenyl phenyl ether	89		95		40-140	7		50
Bis(2-chloroisopropyl)ether	93		101		40-140	8		50
Bis(2-chloroethoxy)methane	91		100		40-117	9		50
Hexachlorobutadiene	82		86		40-140	5		50
Hexachlorocyclopentadiene	76		79		40-140	4		50
Hexachloroethane	82		92		40-140	11		50
Isophorone	96		105		40-140	9		50
Naphthalene	90		95		40-140	5		50
Nitrobenzene	93		103		40-140	10		50
NDPA/DPA	96		102		36-157	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG1556395-2 WG1556395-3								
n-Nitrosodi-n-propylamine	95		105		32-121	10		50
Bis(2-ethylhexyl)phthalate	108		115		40-140	6		50
Butyl benzyl phthalate	107		116		40-140	8		50
Di-n-butylphthalate	104		114		40-140	9		50
Di-n-octylphthalate	108		119		40-140	10		50
Diethyl phthalate	94		102		40-140	8		50
Dimethyl phthalate	97		101		40-140	4		50
Benzo(a)anthracene	94		105		40-140	11		50
Benzo(a)pyrene	97		113		40-140	15		50
Benzo(b)fluoranthene	93		108		40-140	15		50
Benzo(k)fluoranthene	98		114		40-140	15		50
Chrysene	88		95		40-140	8		50
Acenaphthylene	96		102		40-140	6		50
Anthracene	94		102		40-140	8		50
Benzo(ghi)perylene	94		105		40-140	11		50
Fluorene	94		100		40-140	6		50
Phenanthrene	91		99		40-140	8		50
Dibenzo(a,h)anthracene	100		113		40-140	12		50
Indeno(1,2,3-cd)pyrene	98		102		40-140	4		50
Pyrene	94		102		35-142	8		50
Biphenyl	90		96		37-127	6		50
4-Chloroaniline	79		104		40-140	27		50
2-Nitroaniline	100		106		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG1556395-2 WG1556395-3								
3-Nitroaniline	82		86		26-129	5		50
4-Nitroaniline	89		100		41-125	12		50
Dibenzofuran	89		97		40-140	9		50
2-Methylnaphthalene	89		94		40-140	5		50
1,2,4,5-Tetrachlorobenzene	85		90		40-117	6		50
Acetophenone	86		97		14-144	12		50
2,4,6-Trichlorophenol	91		97		30-130	6		50
p-Chloro-m-cresol	100		**107**	Q	26-103	7		50
2-Chlorophenol	89		99		25-102	11		50
2,4-Dichlorophenol	95		104		30-130	9		50
2,4-Dimethylphenol	101		113		30-130	11		50
2-Nitrophenol	90		102		30-130	13		50
4-Nitrophenol	104		114		11-114	9		50
2,4-Dinitrophenol	51		82		4-130	47		50
4,6-Dinitro-o-cresol	92		105		10-130	13		50
Pentachlorophenol	82		88		17-109	7		50
Phenol	**97**	Q	**107**	Q	26-90	10		50
2-Methylphenol	100		108		30-130.	8		50
3-Methylphenol/4-Methylphenol	105		118		30-130	12		50
2,4,5-Trichlorophenol	98		101		30-130	3		50
Benzoic Acid	12		21		10-110	**55**	Q	50
Benzyl Alcohol	100		112		40-140	11		50
Carbazole	94		104		54-128	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG1556395-2 WG1556395-3								
1,4-Dioxane	82		78		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		101		25-120
Phenol-d6	96		106		10-120
Nitrobenzene-d5	94		99		23-120
2-Fluorobiphenyl	90		93		30-120
2,4,6-Tribromophenol	84		91		10-136
4-Terphenyl-d14	97		107		18-120

METALS

Project Name: 101 FLEET PLACE **Lab Number:** L2153911

Project Number: 203708 **Report Date:** 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01 Date Collected: 10/04/21 20:50

Client ID: B1 (0-2') Date Received: 10/05/21

Sample Location: 101 FLEET PLACE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5430		mg/kg	8.20	2.21	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.10	0.311	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Arsenic, Total	4.60		mg/kg	0.820	0.170	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Barium, Total	53.9		mg/kg	0.820	0.142	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.410	0.027	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Cadmium, Total	0.426	J	mg/kg	0.820	0.080	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Calcium, Total	68300		mg/kg	82.0	28.7	20	10/06/21 22:20	10/08/21 18:40	EPA 3050B	1,6010D	GD
Chromium, Total	15.6		mg/kg	0.820	0.079	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Cobalt, Total	5.11		mg/kg	1.64	0.136	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Copper, Total	18.8		mg/kg	0.820	0.211	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Iron, Total	9450		mg/kg	4.10	0.740	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Lead, Total	61.4		mg/kg	4.10	0.220	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Magnesium, Total	21200		mg/kg	8.20	1.26	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Manganese, Total	160		mg/kg	0.820	0.130	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Mercury, Total	0.088		mg/kg	0.072	0.047	1	10/06/21 23:20	10/07/21 13:36	EPA 7471B	1,7471B	AC
Nickel, Total	15.2		mg/kg	2.05	0.198	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Potassium, Total	1840		mg/kg	205	11.8	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.64	0.211	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.820	0.232	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Sodium, Total	461		mg/kg	164	2.58	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.64	0.258	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Vanadium, Total	16.7		mg/kg	0.820	0.166	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD
Zinc, Total	58.6		mg/kg	4.10	0.240	2	10/06/21 22:20	10/08/21 14:58	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02
Client ID: B2 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Date Collected: 10/04/21 20:10
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4280		mg/kg	8.45	2.28	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Antimony, Total	2.59	J	mg/kg	4.23	0.321	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Arsenic, Total	12.7		mg/kg	0.845	0.176	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Barium, Total	329		mg/kg	0.845	0.147	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Beryllium, Total	0.211	J	mg/kg	0.423	0.028	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Cadmium, Total	1.94		mg/kg	0.845	0.083	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Calcium, Total	9880		mg/kg	8.45	2.96	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Chromium, Total	20.3		mg/kg	0.845	0.081	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Cobalt, Total	8.42		mg/kg	1.69	0.140	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Copper, Total	78.9		mg/kg	0.845	0.218	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Iron, Total	18400		mg/kg	4.23	0.763	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Lead, Total	1350		mg/kg	4.23	0.226	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Magnesium, Total	3590		mg/kg	8.45	1.30	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Manganese, Total	328		mg/kg	0.845	0.134	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Mercury, Total	1.99		mg/kg	0.080	0.052	1	10/06/21 23:20	10/07/21 13:39	EPA 7471B	1,7471B	AC
Nickel, Total	43.6		mg/kg	2.11	0.204	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Potassium, Total	822		mg/kg	211	12.2	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.69	0.218	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Silver, Total	2.47		mg/kg	0.845	0.239	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Sodium, Total	251		mg/kg	169	2.66	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.69	0.266	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Vanadium, Total	22.2		mg/kg	0.845	0.172	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD
Zinc, Total	666		mg/kg	4.23	0.248	2	10/06/21 22:20	10/08/21 15:03	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03
Client ID: B3 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Date Collected: 10/04/21 17:25
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4250		mg/kg	8.06	2.17	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Antimony, Total	4.08		mg/kg	4.03	0.306	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Arsenic, Total	7.82		mg/kg	0.806	0.168	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Barium, Total	252		mg/kg	0.806	0.140	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Beryllium, Total	0.113	J	mg/kg	0.403	0.027	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Cadmium, Total	2.46		mg/kg	0.806	0.079	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Calcium, Total	13700		mg/kg	8.06	2.82	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Chromium, Total	12.6		mg/kg	0.806	0.077	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Cobalt, Total	5.29		mg/kg	1.61	0.134	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Copper, Total	90.4		mg/kg	0.806	0.208	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Iron, Total	11700		mg/kg	4.03	0.727	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Lead, Total	981		mg/kg	4.03	0.216	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Magnesium, Total	3390		mg/kg	8.06	1.24	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Manganese, Total	199		mg/kg	0.806	0.128	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Mercury, Total	0.998		mg/kg	0.071	0.046	1	10/06/21 23:20	10/07/21 13:42	EPA 7471B	1,7471B	AC
Nickel, Total	27.9		mg/kg	2.01	0.195	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Potassium, Total	1120		mg/kg	201	11.6	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.61	0.208	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Silver, Total	0.387	J	mg/kg	0.806	0.228	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Sodium, Total	222		mg/kg	161	2.54	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.61	0.254	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Vanadium, Total	16.7		mg/kg	0.806	0.164	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD
Zinc, Total	1110		mg/kg	4.03	0.236	2	10/06/21 22:20	10/08/21 15:07	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04
Client ID: B4 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Date Collected: 10/04/21 17:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2680		mg/kg	8.22	2.22	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.11	0.312	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Arsenic, Total	1.22		mg/kg	0.822	0.171	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Barium, Total	25.2		mg/kg	0.822	0.143	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Beryllium, Total	0.090	J	mg/kg	0.411	0.027	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Cadmium, Total	0.230	J	mg/kg	0.822	0.081	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Calcium, Total	893		mg/kg	8.22	2.88	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Chromium, Total	7.59		mg/kg	0.822	0.079	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Cobalt, Total	3.74		mg/kg	1.64	0.136	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Copper, Total	11.4		mg/kg	0.822	0.212	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Iron, Total	7670		mg/kg	4.11	0.742	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Lead, Total	3.92	J	mg/kg	4.11	0.220	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Magnesium, Total	2310		mg/kg	8.22	1.26	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Manganese, Total	106		mg/kg	0.822	0.131	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.071	0.046	1	10/06/21 23:20	10/07/21 13:46	EPA 7471B	1,7471B	AC
Nickel, Total	17.3		mg/kg	2.05	0.199	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Potassium, Total	644		mg/kg	205	11.8	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.64	0.212	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.822	0.233	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Sodium, Total	55.4	J	mg/kg	164	2.59	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.64	0.259	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Vanadium, Total	12.0		mg/kg	0.822	0.167	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD
Zinc, Total	44.8		mg/kg	4.11	0.241	2	10/06/21 22:20	10/08/21 15:11	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05
Client ID: B5 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Date Collected: 10/04/21 18:20
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3920		mg/kg	8.24	2.22	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Antimony, Total	2.70	J	mg/kg	4.12	0.313	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Arsenic, Total	11.6		mg/kg	0.824	0.171	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Barium, Total	278		mg/kg	0.824	0.143	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Beryllium, Total	0.091	J	mg/kg	0.412	0.027	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Cadmium, Total	1.67		mg/kg	0.824	0.081	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Calcium, Total	34500		mg/kg	8.24	2.88	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Chromium, Total	31.4		mg/kg	0.824	0.079	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Cobalt, Total	6.45		mg/kg	1.65	0.137	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Copper, Total	106		mg/kg	0.824	0.213	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Iron, Total	26500		mg/kg	4.12	0.744	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Lead, Total	1100		mg/kg	4.12	0.221	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Magnesium, Total	5680		mg/kg	8.24	1.27	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Manganese, Total	325		mg/kg	0.824	0.131	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Mercury, Total	1.05		mg/kg	0.074	0.048	1	10/06/21 23:20	10/07/21 13:49	EPA 7471B	1,7471B	AC
Nickel, Total	36.0		mg/kg	2.06	0.199	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Potassium, Total	804		mg/kg	206	11.9	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.65	0.213	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Silver, Total	1.04		mg/kg	0.824	0.233	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Sodium, Total	296		mg/kg	165	2.60	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.65	0.260	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Vanadium, Total	16.3		mg/kg	0.824	0.167	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD
Zinc, Total	654		mg/kg	4.12	0.242	2	10/06/21 22:20	10/08/21 15:16	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06
Client ID: B6 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Date Collected: 10/04/21 19:00
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6090		mg/kg	8.28	2.23	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.14	0.314	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Arsenic, Total	9.31		mg/kg	0.828	0.172	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Barium, Total	66.7		mg/kg	0.828	0.144	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Beryllium, Total	0.058	J	mg/kg	0.414	0.027	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Cadmium, Total	0.488	J	mg/kg	0.828	0.081	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Calcium, Total	50700		mg/kg	82.8	29.0	20	10/06/21 22:20	10/08/21 18:49	EPA 3050B	1,6010D	GD
Chromium, Total	20.0		mg/kg	0.828	0.079	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Cobalt, Total	5.58		mg/kg	1.66	0.137	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Copper, Total	19.2		mg/kg	0.828	0.213	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Iron, Total	10100		mg/kg	4.14	0.747	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Lead, Total	52.0		mg/kg	4.14	0.222	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Magnesium, Total	4660		mg/kg	8.28	1.27	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Manganese, Total	172		mg/kg	0.828	0.132	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Mercury, Total	0.460		mg/kg	0.071	0.046	1	10/06/21 23:20	10/07/21 13:52	EPA 7471B	1,7471B	AC
Nickel, Total	17.4		mg/kg	2.07	0.200	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Potassium, Total	1830		mg/kg	207	11.9	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.66	0.213	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.828	0.234	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Sodium, Total	731		mg/kg	166	2.61	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.66	0.261	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Vanadium, Total	18.2		mg/kg	0.828	0.168	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD
Zinc, Total	75.2		mg/kg	4.14	0.242	2	10/06/21 22:20	10/08/21 15:20	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07
Client ID: B7 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Date Collected: 10/04/21 19:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4110		mg/kg	8.54	2.30	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Antimony, Total	3.13	J	mg/kg	4.27	0.324	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Arsenic, Total	9.51		mg/kg	0.854	0.178	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Barium, Total	294		mg/kg	0.854	0.148	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Beryllium, Total	0.171	J	mg/kg	0.427	0.028	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Cadmium, Total	1.69		mg/kg	0.854	0.084	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Calcium, Total	20400		mg/kg	8.54	2.99	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Chromium, Total	22.6		mg/kg	0.854	0.082	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Cobalt, Total	6.67		mg/kg	1.71	0.142	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Copper, Total	83.2		mg/kg	0.854	0.220	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Iron, Total	16200		mg/kg	4.27	0.771	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Lead, Total	1640		mg/kg	4.27	0.229	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Magnesium, Total	5010		mg/kg	8.54	1.31	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Manganese, Total	270		mg/kg	0.854	0.136	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Mercury, Total	1.34		mg/kg	0.077	0.050	1	10/06/21 23:20	10/07/21 13:56	EPA 7471B	1,7471B	AC
Nickel, Total	48.5		mg/kg	2.13	0.207	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Potassium, Total	894		mg/kg	213	12.3	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.71	0.220	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Silver, Total	0.657	J	mg/kg	0.854	0.242	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Sodium, Total	285		mg/kg	171	2.69	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.71	0.269	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Vanadium, Total	19.8		mg/kg	0.854	0.173	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD
Zinc, Total	714		mg/kg	4.27	0.250	2	10/06/21 22:20	10/08/21 15:24	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Lab Number: L2153911
Project Number: 203708
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08
Client ID: B2 (4-6')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Date Collected: 10/04/21 20:15
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4220		mg/kg	8.68	2.34	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Antimony, Total	1.28	J	mg/kg	4.34	0.330	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Arsenic, Total	11.9		mg/kg	0.868	0.180	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Barium, Total	259		mg/kg	0.868	0.151	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Beryllium, Total	0.252	J	mg/kg	0.434	0.029	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Cadmium, Total	1.52		mg/kg	0.868	0.085	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Calcium, Total	14000		mg/kg	8.68	3.04	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Chromium, Total	37.0		mg/kg	0.868	0.083	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Cobalt, Total	7.72		mg/kg	1.74	0.144	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Copper, Total	46.4		mg/kg	0.868	0.224	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Iron, Total	15400		mg/kg	4.34	0.783	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Lead, Total	1150		mg/kg	4.34	0.232	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Magnesium, Total	4090		mg/kg	8.68	1.34	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Manganese, Total	254		mg/kg	0.868	0.138	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Mercury, Total	1.19		mg/kg	0.075	0.049	1	10/06/21 23:20	10/07/21 13:59	EPA 7471B	1,7471B	AC
Nickel, Total	72.7		mg/kg	2.17	0.210	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Potassium, Total	688		mg/kg	217	12.5	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Selenium, Total	0.520	J	mg/kg	1.74	0.224	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Silver, Total	1.40		mg/kg	0.868	0.246	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Sodium, Total	163	J	mg/kg	174	2.73	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.74	0.273	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Vanadium, Total	18.3		mg/kg	0.868	0.176	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD
Zinc, Total	522		mg/kg	4.34	0.254	2	10/06/21 22:20	10/08/21 15:29	EPA 3050B	1,6010D	GD

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1555260-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Arsenic, Total	0.116	J	mg/kg	0.400	0.083	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Sodium, Total	6.65	J	mg/kg	80.0	1.26	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/06/21 22:20	10/08/21 14:07	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1555261-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/06/21 23:20	10/07/21 12:59	1,7471B	AC

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153911
Report Date: 10/11/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1555260-2 SRM Lot Number: D109-540								
Aluminum, Total	64		-		50-150	-		
Antimony, Total	127		-		19-250	-		
Arsenic, Total	99		-		70-130	-		
Barium, Total	86		-		75-125	-		
Beryllium, Total	95		-		75-125	-		
Cadmium, Total	90		-		75-125	-		
Calcium, Total	93		-		73-128	-		
Chromium, Total	92		-		70-130	-		
Cobalt, Total	90		-		75-125	-		
Copper, Total	94		-		75-125	-		
Iron, Total	86		-		35-165	-		
Lead, Total	89		-		72-128	-		
Magnesium, Total	84		-		62-138	-		
Manganese, Total	84		-		74-126	-		
Nickel, Total	90		-		70-130	-		
Potassium, Total	84		-		59-141	-		
Selenium, Total	99		-		68-132	-		
Silver, Total	96		-		68-131	-		
Sodium, Total	96		-		35-165	-		
Thallium, Total	91		-		68-131	-		
Vanadium, Total	90		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1555260-2 SRM Lot Number: D109-540					
Zinc, Total	92	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1555261-2 SRM Lot Number: D109-540					
Mercury, Total	98	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1555260-3 QC Sample: L2153692-06 Client ID: MS Sample												
Aluminum, Total	11300	450	14700	**756**	Q	-	-		75-125	-		20
Antimony, Total	1.92J	112	95.6	85		-	-		75-125	-		20
Arsenic, Total	7.59	27	36.8	108		-	-		75-125	-		20
Barium, Total	138	450	553	92		-	-		75-125	-		20
Beryllium, Total	0.446J	11.2	11.6	103		-	-		75-125	-		20
Cadmium, Total	4.71	11.9	15.6	91		-	-		75-125	-		20
Calcium, Total	5770	2250	7490	76		-	-		75-125	-		20
Chromium, Total	15.7	45	61.5	102		-	-		75-125	-		20
Cobalt, Total	10.4	112	116	94		-	-		75-125	-		20
Copper, Total	63.6	56.2	138	**132**	Q	-	-		75-125	-		20
Iron, Total	38000	225	38300	**133**	Q	-	-		75-125	-		20
Lead, Total	75.4	119	199	104		-	-		75-125	-		20
Magnesium, Total	5170	2250	8480	**147**	Q	-	-		75-125	-		20
Manganese, Total	999	112	926	**0**	Q	-	-		75-125	-		20
Nickel, Total	25.6	112	130	93		-	-		75-125	-		20
Potassium, Total	692	2250	2930	100		-	-		75-125	-		20
Selenium, Total	ND	27	26.4	98		-	-		75-125	-		20
Silver, Total	ND	67.4	68.5	102		-	-		75-125	-		20
Sodium, Total	517	2250	2760	100		-	-		75-125	-		20
Thallium, Total	ND	27	24.4	90		-	-		75-125	-		20
Vanadium, Total	17.0	112	123	94		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1555260-3 QC Sample: L2153692-06 Client ID: MS Sample										
Zinc, Total	1100	112	1300	**178**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1555261-3 QC Sample: L2153692-06 Client ID: MS Sample										
Mercury, Total	ND	0.397	0.489	**123**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1555260-4 QC Sample: L2153692-06 Client ID: DUP Sample						
Aluminum, Total	11300	9560	mg/kg	17		20
Antimony, Total	1.92J	1.96J	mg/kg	NC		20
Arsenic, Total	7.59	5.36	mg/kg	**34**	Q	20
Barium, Total	138	150	mg/kg	8		20
Beryllium, Total	0.446J	0.341J	mg/kg	NC		20
Cadmium, Total	4.71	3.50	mg/kg	**29**	Q	20
Calcium, Total	5770	5480	mg/kg	5		20
Chromium, Total	15.7	13.0	mg/kg	19		20
Cobalt, Total	10.4	8.46	mg/kg	**21**	Q	20
Copper, Total	63.6	52.8	mg/kg	19		20
Iron, Total	38000	32600	mg/kg	15		20
Lead, Total	75.4	59.7	mg/kg	**23**	Q	20
Magnesium, Total	5170	4380	mg/kg	17		20
Manganese, Total	999	1600	mg/kg	**46**	Q	20
Nickel, Total	25.6	22.3	mg/kg	14		20
Potassium, Total	692	632	mg/kg	9		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	517	599	mg/kg	15		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1555260-4 QC Sample: L2153692-06 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	17.0	12.5	mg/kg	**31**	Q	20
Zinc, Total	1100	1160	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1555261-4 QC Sample: L2153692-06 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2153911
Report Date: 10/11/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1555260-6 QC Sample: L2153692-06 Client ID: DUP Sample						
Aluminum, Total	11300	12400	mg/kg	10		20
Barium, Total	138	149	mg/kg	8		20
Calcium, Total	5770	6380	mg/kg	11		20
Copper, Total	63.6	68.2	mg/kg	7		20
Iron, Total	38000	41300	mg/kg	9		20
Magnesium, Total	5170	5730	mg/kg	11		20
Manganese, Total	999	1100	mg/kg	10		20
Zinc, Total	1100	1200	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-01
Client ID: B1 (0-2')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-02
Client ID: B2 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:10
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-03
Client ID: B3 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 17:25
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-04
Client ID: B4 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 17:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-05
Client ID: B5 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 18:20
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-06
Client ID: B6 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 19:00
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-07
Client ID: B7 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 19:50
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

SAMPLE RESULTS

Lab ID: L2153911-08
Client ID: B2 (4-6')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:15
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	10/06/21 09:36	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153911

Report Date: 10/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1554974-1 QC Sample: L2153911-01 Client ID: B1 (0-2')						
Solids, Total	94.3	94.4	%	0		20

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

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(*)
L2153911-01A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-01B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-01C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-01D	Plastic 120ml unpreserved	A	NA		2.8	Y	Absent		TS(7)
L2153911-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2153911-01F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)
L2153911-02A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-02B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-02C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-02D	Plastic 120ml unpreserved	A	NA		2.8	Y	Absent		TS(7)
L2153911-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2153911-02F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)
L2153911-03A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-03B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-03C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-03D	Plastic 120ml unpreserved	A	NA		2.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2153911-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2153911-03F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)
L2153911-04A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-04B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-04C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-04D	Plastic 120ml unpreserved	A	NA		2.8	Y	Absent		TS(7)
L2153911-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2153911-04F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)
L2153911-05A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-05B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-05C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-05D	Plastic 120ml unpreserved	A	NA		2.8	Y	Absent		TS(7)
L2153911-05E	Metals Only-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),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2153911-05F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)
L2153911-06A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-06B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-06C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-06D	Plastic 120ml unpreserved	A	NA		2.8	Y	Absent		TS(7)
L2153911-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153911
Report Date: 10/11/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2153911-06F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)
L2153911-07A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-07B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-07C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-07D	Plastic 120ml unpreserved	A	NA		2.8	Y	Absent		TS(7)
L2153911-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2153911-07F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)
L2153911-08A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2153911-08B	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-08C	Vial water preserved	A	NA		2.8	Y	Absent	06-OCT-21 00:12	NYTCL-8260HLW(14)
L2153911-08D	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TS(7)
L2153911-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153911
Project Number:	203708	**Report Date:**	10/11/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153911
Project Number:	203708	**Report Date:**	10/11/21

Footnotes

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results 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:	101 FLEET PLACE	**Lab Number:**	L2153911
Project Number:	203708	**Report Date:**	10/11/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153911
Project Number:	203708	**Report Date:**	10/11/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

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.

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

NEW YORK CHAIN OF CUSTODY

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: 10/05/21

ALPHA Job #: L2153911

Client Information
Client: Haley and Aldrich New York
Address: 237 West 35th Street. 16th floor. New York, NY 10001
Phone: 646-277-5688
Fax:
Email: MConlon@haleyaldrich.com

Project Information
Project Name: 101 fleet place
Project Location: 101 Fleet Place Brooklyn, NY
Project #: 203708
(Use Project name as Project #) ☐
Project Manager: Mari Cate Conlon
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 PDF + Excel

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

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 (8260B)	SVOCs (8270C)	Total Analyte List Metals						Sample Specific Comments	Total Bottle
53911-01	B1 (0-2')	10/4/21	20:50	S	YL	X	X	X							3
-02	B2 (1-3')	10/4/21	20:10	S	YL	X	X	X							3
-03	B3 (1-3')	10/4/21	17:25	S	YL	X	X	X							3
-04	B4 (1-3')	10/4/21	17:50	S	YL	X	X	X							3
-05	B5 (3-5')	10/4/21	18:20	S	YL	X	X	X							3
-06	B6 (1-3')	10/4/21	19:00	S	YL	X	X	X							3
-07	B7 (3-5')	10/4/21	19:50	S	YL	X	X	X							3
-08	B2 (4-6')	10/4/21	20:15	S	YL	X	X	X							3
Container Type						V	A	A							
Preservative						B	A	A							

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Yanxia Lin	10/05/21 7:50		10/5/21 7:50
	10/5/21 1620	Paul Mongelli	10/5/21 1620
Paul Mongelli	10/5/21		

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

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

ANALYTICAL REPORT

Lab Number:	L2155614
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	101 FLEET PLACE
Project Number:	203708
Report Date:	10/18/21

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: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2155614
Report Date: 10/18/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2155614-01	B2 (1-3')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 20:10	10/05/21
L2155614-02	B7 (3-5')	SOIL	101 FLEET PLACE, BROOKLYN, NY	10/04/21 19:50	10/05/21

Project Name:	101 FLEET PLACE	**Lab Number:**	L2155614
Project Number:	203708	**Report Date:**	10/18/21

Case Narrative

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

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

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

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

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

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

Project Name:	101 FLEET PLACE	**Lab Number:**	L2155614
Project Number:	203708	**Report Date:**	10/18/21

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 10/18/21

METALS

Project Name: 101 FLEET PLACE
Lab Number: L2155614
Project Number: 203708
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2155614-01
Client ID: B2 (1-3')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/04/21 20:10
Date Received: 10/05/21
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 10/13/21 04:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.17		mg/l	0.500	0.027	1	10/14/21 13:38	10/14/21 20:20	EPA 3015	1,6010D	JC

Project Name: 101 FLEET PLACE
Lab Number: L2155614
Project Number: 203708
Report Date: 10/18/21

SAMPLE RESULTS

Lab ID: L2155614-02
Client ID: B7 (3-5')
Sample Location: 101 FLEET PLACE, BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/04/21 19:50
Date Received: 10/05/21
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 10/13/21 04:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.907		mg/l	0.500	0.027	1	10/14/21 13:38	10/14/21 20:24	EPA 3015	1,6010D	JC

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2155614
Report Date: 10/18/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-02 Batch: WG1558664-1										
Lead, TCLP	ND		mg/l	0.500	0.027	1	10/14/21 13:38	10/14/21 19:22	1,6010D	JC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 10/13/21 04:08

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2155614

Report Date: 10/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1558664-2								
Lead, TCLP	95		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2155614
Report Date: 10/18/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1558664-3 QC Sample: L2155286-01 Client ID: MS Sample												
Lead, TCLP	3.71	5.3	8.80	96		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2155614

Report Date: 10/18/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1558664-4 QC Sample: L2155286-01 Client ID: DUP Sample						
Lead, TCLP	3.71	3.69	mg/l	1		20

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2155614
Report Date: 10/18/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155614-01F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		-
L2155614-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		PB-CI(180)
L2155614-01X9	Tumble Vessel	A	NA		2.8	Y	Absent		-
L2155614-02F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		-
L2155614-02X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		PB-CI(180)
L2155614-02X9	Tumble Vessel	A	NA		2.8	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	101 FLEET PLACE	**Lab Number:**	L2155614
Project Number:	203708	**Report Date:**	10/18/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	101 FLEET PLACE	**Lab Number:**	L2155614
Project Number:	203708	**Report Date:**	10/18/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	101 FLEET PLACE	**Lab Number:**	L2155614
Project Number:	203708	**Report Date:**	10/18/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	101 FLEET PLACE	**Lab Number:**	L2155614
Project Number:	203708	**Report Date:**	10/18/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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.

Serial_No:10182113:34

L2155614 KL 10/12/21

NEW YORK CHAIN OF CUSTODY

ALPHA

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: 10/05/21

ALPHA Job #: ~~L2153911~~

Westborough, MA 01581, 8 Walkup Dr., TEL: 508-898-9220, FAX: 508-898-9193
Mansfield, MA 02048, 320 Forbes Blvd, TEL: 508-822-9300, FAX: 508-822-3288

Project Information
Project Name: 101 fleet place
Project Location: 101 fleet Place Brooklyn NY
Project #: 203708
(Use Project name as Project #) ☐
Project Manager: Mari Cate Conlon
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Haley and Aldrich New York
Address: 237 West 35th Street, 16th floor, New York, NY 10001
Phone: 646-277-5688
Fax:
Email: mconlon@haleyaldrich.com

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other PDF + Excel

Billing Information
☐ Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha ☐
Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS: VOCs (8260B); SVOCs (8270C); Total Metals / Mercury (6010); TCLP Pb

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 (8260B)	SVOCs (8270C)	Total Metals/Mercury		TCLP Pb				Sample Specific Comments	Total Bottles
~~53911-01~~	B1 (0-2')	10/4/21	20:30	S	YL	X	X	X							3
55614 01 ~~-02~~	B2 (1-3')	10/4/21	20:10	S	YL	X	X	X		X					3
-03	B3 (1-3')	10/4/21	17:25	S	YL	X	X	X							3
-04	B4 (1-3')	10/4/21	17:50	S	YL	X	X	X							3
-05	B5 (3-5')	10/4/21	18:20	S	YL	X	X	X							3
-06	B6 (1-3')	10/4/21	19:00	S	YL	X	X	X							3
-02 ~~-07~~	B7 (3-5')	10/4/21	19:50	S	YL	X	X	X		X					3
-08	B2 (4-6')	10/4/21	20:15	S	YL	X	X	X							3

	VOCs	SVOCs	Total Metals
Container Type	V	A	A
Preservative	B	A	A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Yanxin Lin	10/05/21 7:50	[signature] AAL	10/5/21 7:50
[signature]	10/5/21 1620	Paul Marcella	10/5/21 1620
Paul Marcella	10/5/21	[signature]	
[signature]	2321	[signature]	10/5/21 2300

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

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

ANALYTICAL REPORT

Lab Number:	L2153889
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	101 FLEET PLACE
Project Number:	203708
Report Date:	10/08/21

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2153889-01	SV1	SOIL_VAPOR	101 FLEET PLACE, BROOKLYN, NY	10/04/21 20:23	10/05/21
L2153889-02	SV2	SOIL_VAPOR	101 FLEET PLACE, BROOKLYN, NY	10/04/21 21:43	10/05/21

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153889
Project Number:	203708	**Report Date:**	10/08/21

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:	101 FLEET PLACE	**Lab Number:**	L2153889
Project Number:	203708	**Report Date:**	10/08/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 24, 2021. The canister certification results are provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/08/21

AIR

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

SAMPLE RESULTS

Lab ID: L2153889-01
Client ID: SV1
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:23
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/07/21 22:47
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.412	0.200	--	2.04	0.989	--		1
Chloromethane	0.515	0.200	--	1.06	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.569	0.200	--	1.26	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	68.3	5.00	--	129	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	131	1.00	--	311	2.38	--		1
Trichlorofluoromethane	1.67	0.200	--	9.38	1.12	--		1
Isopropanol	11.9	0.500	--	29.3	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	9.66	0.500	--	29.3	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.27	0.200	--	7.07	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	27.3	0.500	--	80.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

SAMPLE RESULTS

Lab ID: L2153889-01
Client ID: SV1
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:23
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	0.559	0.500	--	2.01	1.80	--		1
Chloroform	0.377	0.200	--	1.84	0.977	--		1
Tetrahydrofuran	5.23	0.500	--	15.4	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.284	0.200	--	1.00	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	4.43	0.200	--	14.2	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.550	0.200	--	1.89	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.26	0.200	--	6.77	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.406	0.200	--	1.66	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	6.46	0.500	--	26.5	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.76	0.200	--	6.63	0.754	--		1
2-Hexanone	2.67	0.200	--	10.9	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.820	0.200	--	5.56	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.388	0.200	--	1.69	0.869	--		1

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153889
Report Date: 10/08/21

SAMPLE RESULTS

Lab ID: L2153889-01
Client ID: SV1
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 20:23
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.892	0.400	--	3.87	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.722	0.200	--	3.07	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.419	0.200	--	1.82	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.238	0.200	--	1.17	0.983	--		1
1,2,4-Trimethylbenzene	0.741	0.200	--	3.64	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	110		60-140

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

SAMPLE RESULTS

Lab ID: L2153889-02
Client ID: SV2
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 21:43
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/08/21 00:06
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.417	0.200	--	2.06	0.989	--		1
Chloromethane	0.296	0.200	--	0.611	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.10	5.00	--	13.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	43.7	1.00	--	104	2.38	--		1
Trichlorofluoromethane	2.19	0.200	--	12.3	1.12	--		1
Isopropanol	1.16	0.500	--	2.85	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	3.42	0.500	--	10.4	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	3.37	0.200	--	10.5	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	9.05	0.500	--	26.7	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

SAMPLE RESULTS

Lab ID: L2153889-02
Client ID: SV2
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 21:43
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.340	0.200	--	1.66	0.977	--		1
Tetrahydrofuran	2.60	0.500	--	7.67	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.764	0.200	--	2.69	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.19	0.200	--	3.80	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.382	0.200	--	1.31	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.454	0.200	--	2.12	0.934	--		1
Heptane	0.711	0.200	--	2.91	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	2.68	0.500	--	11.0	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.42	0.200	--	5.35	0.754	--		1
2-Hexanone	1.22	0.200	--	5.00	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.428	0.200	--	2.90	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.294	0.200	--	1.28	0.869	--		1

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153889
Report Date: 10/08/21

SAMPLE RESULTS

Lab ID: L2153889-02
Client ID: SV2
Sample Location: 101 FLEET PLACE, BROOKLYN, NY

Date Collected: 10/04/21 21:43
Date Received: 10/05/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.953	0.400	--	4.14	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.512	0.200	--	2.22	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.469	0.200	--	2.31	0.983	--		1
1,2,4-Trimethylbenzene	1.10	0.200	--	5.41	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	110		60-140

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153889
Report Date: 10/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/07/21 15:03

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1555827-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153889
Report Date: 10/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/07/21 15:03

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1555827-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153889
Report Date: 10/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/07/21 15:03

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1555827-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153889

Report Date: 10/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1555827-3								
Dichlorodifluoromethane	89		-		70-130	-		
Chloromethane	95		-		70-130	-		
Freon-114	94		-		70-130	-		
Vinyl chloride	89		-		70-130	-		
1,3-Butadiene	99		-		70-130	-		
Bromomethane	89		-		70-130	-		
Chloroethane	82		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	103		-		70-130	-		
Acetone	89		-		40-160	-		
Trichlorofluoromethane	90		-		70-130	-		
Isopropanol	96		-		40-160	-		
1,1-Dichloroethene	88		-		70-130	-		
Tertiary butyl Alcohol	87		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	101		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	94		-		70-130	-		
trans-1,2-Dichloroethene	84		-		70-130	-		
1,1-Dichloroethane	87		-		70-130	-		
Methyl tert butyl ether	97		-		70-130	-		
2-Butanone	95		-		70-130	-		
cis-1,2-Dichloroethene	88		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1555827-3								
Ethyl Acetate	91		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	94		-		70-130	-		
1,2-Dichloroethane	86		-		70-130	-		
n-Hexane	94		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	102		-		70-130	-		
Cyclohexane	93		-		70-130	-		
1,2-Dichloropropane	93		-		70-130	-		
Bromodichloromethane	96		-		70-130	-		
1,4-Dioxane	93		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	102		-		70-130	-		
cis-1,3-Dichloropropene	108		-		70-130	-		
4-Methyl-2-pentanone	107		-		70-130	-		
trans-1,3-Dichloropropene	97		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	94		-		70-130	-		
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	110		-		70-130	-		
1,2-Dibromoethane	107		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 101 FLEET PLACE

Project Number: 203708

Lab Number: L2153889

Report Date: 10/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1555827-3								
Tetrachloroethene	102		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	103		-		70-130	-		
Bromoform	115		-		70-130	-		
Styrene	107		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	107		-		70-130	-		
1,3,5-Trimethylbenzene	107		-		70-130	-		
1,2,4-Trimethylbenzene	111		-		70-130	-		
Benzyl chloride	**132**	Q	-		70-130	-		
1,3-Dichlorobenzene	115		-		70-130	-		
1,4-Dichlorobenzene	110		-		70-130	-		
1,2-Dichlorobenzene	111		-		70-130	-		
1,2,4-Trichlorobenzene	117		-		70-130	-		
Hexachlorobutadiene	110		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1555827-5 QC Sample: L2153889-01 Client ID: SV1						
Dichlorodifluoromethane	0.412	0.405	ppbV	2		25
Chloromethane	0.515	0.500	ppbV	3		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.569	0.568	ppbV	0		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	68.3	67.7	ppbV	1		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	131	105	ppbV	22		25
Trichlorofluoromethane	1.67	1.40	ppbV	18		25
Isopropanol	11.9	10.6	ppbV	12		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	9.66	9.86	ppbV	2		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	2.27	2.28	ppbV	0		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1555827-5 QC Sample: L2153889-01 Client ID: SV1						
2-Butanone	27.3	26.7	ppbV	2		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	0.559	0.561	ppbV	0		25
Chloroform	0.377	0.387	ppbV	3		25
Tetrahydrofuran	5.23	5.24	ppbV	0		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.284	0.300	ppbV	5		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	4.43	4.43	ppbV	0		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	0.550	0.563	ppbV	2		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	1.26	1.27	ppbV	1		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.406	0.422	ppbV	4		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	6.46	6.49	ppbV	0		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1555827-5 QC Sample: L2153889-01 Client ID: SV1						
Toluene	1.76	1.79	ppbV	2		25
2-Hexanone	2.67	2.66	ppbV	0		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.820	0.813	ppbV	1		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.388	0.388	ppbV	0		25
p/m-Xylene	0.892	0.897	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.722	0.716	ppbV	1		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.419	0.417	ppbV	0		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	0.238	0.230	ppbV	3		25
1,2,4-Trimethylbenzene	0.741	0.731	ppbV	1		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: 101 FLEET PLACE

Lab Number: L2153889

Project Number: 203708

Report Date: 10/08/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2153889-01	SV1	01934	Flow 5	09/24/21	364908		-	-	-	Pass	18.1	18.4	2
L2153889-01	SV1	1746	2.7L Can	09/24/21	364908	L2150584-06	Pass	-29.4	-5.3	-	-	-	-
L2153889-02	SV2	01765	Flow 3	09/24/21	364908		-	-	-	Pass	18.1	18.2	1
L2153889-02	SV2	444	2.7L Can	09/24/21	364908	L2150584-06	Pass	-29.4	0.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2150584
Report Date: 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/20/21 20:59
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2150584
Report Date: 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2150584

Project Number: CANISTER QC BAT **Report Date:** 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2150584
Report Date: 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2150584
Report Date: 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2150584

Project Number: CANISTER QC BAT **Report Date:** 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/20/21 20:59
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2150584

Project Number: CANISTER QC BAT **Report Date:** 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2150584

Project Number: CANISTER QC BAT **Report Date:** 10/08/21

Air Canister Certification Results

Lab ID: L2150584-06
Client ID: CAN 1768 SHELF 7
Sample Location:

Date Collected: 09/20/21 09:00
Date Received: 09/20/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	81		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	94		60-140

Project Name: 101 FLEET PLACE
Project Number: 203708

Lab Number: L2153889
Report Date: 10/08/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2153889-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2153889-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153889
Project Number:	203708	**Report Date:**	10/08/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153889
Project Number:	203708	**Report Date:**	10/08/21

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. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	101 FLEET PLACE	**Lab Number:**	L2153889
Project Number:	203708	**Report Date:**	10/08/21

Data Qualifiers

the identification is based on a mass spectral library search.

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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

Report Format: Data Usability Report

Project Name: 101 FLEET PLACE
Project Number: 203708
Lab Number: L2153889
Report Date: 10/08/21

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, 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.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 10/6/21

ALPHA Job #: L2153889

Client Information

Client: Haley and Aldrich New York
Address: 237 West 35th Street
16th floor New York, NY
Phone: 646-277-5688
Fax:
Email: Mconlon@haleyaldrich.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 101 fleet place
Project Location: 101 fleet place. Brooklyn NY
Project #: 203708
Project Manager: Mari Cate Conlon
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☑ Additional Deliverables: PDF + Excel
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (subtract non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
S3889-01	SV1	10/04/21	1801	2023	-29.68	-1.50	SV	YL	2.7L	444	01934	X					
02	SV2	10/04/21	1943	2143	-29.92	-5.33	SV	YL	2.7L	1746	01765	X					

ANALYSIS

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Yanxin Liu	10/05/21 7:50		10/5/21 7:50
AAL	10/5/21 1020	AAL	10/5/21 20:50
AAL	10/5/21 2355		

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