04 November 2021
File No. 0203563-001-04

Via Electronic Mail

1885 Atlantic Realty 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: 1885 Atlantic Avenue Limited Phase II Environmental Site Investigation Report
Speedway #7833
1885 Atlantic Avenue
Brooklyn, New York

Dear Mr. Jacob and Joel Kohn:

As requested, Haley & Aldrich of New York (Haley & Aldrich), is providing this letter to 1885 Atlantic Realty LLC summarizing the results of the Limited Phase II Environmental Site Investigation (ESI) completed at 1885 Atlantic Avenue, Brooklyn, NY, Speedway #7833, on 15 October 2021 and 18 October 2021.

BACKGROUND

The Site, identified as Block 1714 Lot 30 on the New York City tax map in a residential M1-1/R7D, MX-10 zoning area, is currently occupied by an active retail petroleum station operated by Speedway LLC. The Site is approximately 9,280 square feet (sf) in size and partially developed with an overhead canopy and a one-story structure that encompasses approximately 360 sf. The Site is bound to the north by a parking lot followed by a vacant lot consumed by vegetation, to the east by a Ralph Avenue followed by mixed-use commercial and residential buildings, to the south by Atlantic Avenue and Long Island Railroad tracks followed by commercial buildings, and to the west by a commercial building occupied by "McDonalds". The Site is located within an urban area characterized by multi-story institutional, commercial, and residential buildings.

The Site is listed with an environmental E-Designation (E-185) under the E-185– Bedford Stuyvesant South Rezoning and Text Amendment (CEQR 07DCP070K). The requirements under the E-Designation program are satisfaction of the requirements for Hazardous Material and Noise generally states "In order to ensure an acceptable interior noise environment, future residential/commercial uses must provide a closed window condition with a minimum of 35 dB(A) window/wall attenuation on all building's south façade in order to maintain an interior noise level of 45 dB(A)...In order to maintain a closed window condition, alternative means ventilation must be provided…" 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 plans remain conceptual but include a residential development with an affordable housing component which will maintain zoning that is consistent with the current zoning amendments.

Based on the Phase I Environmental Site Assessment (ESA) completed by Haley & Aldrich in October 2021, historic operations conducted at the Site included the following: woodworking; auto repair; metal product manufacturing; auto wrecking; and, petroleum filling station. The Phase I ESA indicates that, based on regulatory database records, petroleum bulk storage tanks have been present on the Site since approximately 1972. The Phase I ESA identified one Recognized Environmental Condition (REC), in regard to the current and former use of Site as a petroleum filling station/auto-related facility; and, one Historical REC (HREC), in regard to petroleum storage and petroleum spills at the Site. Since 1992, several spills have been reported at the Site due to leaking gasoline tanks causing a release of petroleum into the subsurface. In 1993, a total of 980 tons of petroleum-impacted soils were removed from the Site. Data collected in March of 1994 (following soil removal) revealed detectable concentrations of volatile organic compounds (VOCs) in Site soils; however, the spill cases have been closed with NYSDEC upon submittal of a closure report by EnviroTrac, Ltd. in 2002. Subsequent spill cases assigned in the mid- to late-2000s also achieved regulatory closure through NYSDEC.

Manufacturing and auto-repair facilities were historically present on surrounding properties located up- and cross- gradient to the Site. These nearby properties may have historically used and disposed of hazardous materials during former operations. In addition, previous subsurface investigations conducted at the Site indicate the presence of elevated concentrations of VOCs in soils.

SUBSURFACE INVESTIGATION

On 15 October 2021 and 18 October 2021, Haley & Aldrich mobilized to the Site with Coastal Environmental Solutions, Inc. to conduct a Limited Phase II ESI. Eight soil borings were installed via soft digging methods including air knife and hand auger and two temporary soil vapor points were installed to a depth of approximately 1 ft bgs.

During the Limited Phase II ESI field activities, a representative from Haley & Aldrich 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 and characterize the subsurface conditions at the Site. Eight soil borings were installed throughout the Site to the following depths[1]: SB-1 to 6 ft bgs; SB-2 to 1.3 ft bgs; SB-3 to 5.4 ft bgs; SB-4 to 3.0 ft bgs; SB-6 to 2.0 ft bgs; SB-7 to 1.0 ft bgs; SB-8 to 2.0 ft bgs; and, SB-9 to 1.5 ft bgs. Terminal depths for each soil boring varied based on the interval of soil being investigated (i.e., shallow or deep) or refusal. Two temporary soil vapor points, SV-1 and SV-2, were installed to a depth of approximately 1 ft bgs, located adjacent to SB-1 and in close proximity to the on-Site tanks, respectively.

Urban fill, generally consisting of tan to dark brown medium-grained sand with varying amounts of gravel, asphalt and brick throughout, was observed from the surface grade to the boring terminus (1 to

[1] Due to time constraints, soil boring SB-5 was not advanced; however, Haley & Aldrich does not anticipate this having an effect on the findings of this investigation as sufficient data was obtained from the other eight soil borings advanced.

6 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). With the exception of SB-1 and SB-3, no visual and/or olfactory evidence of contamination was observed and PID readings did not exceed 0.0 parts per million (ppm). Petroleum-like odors and elevated PID readings were encountered in soils from the 0 to 2 ft bgs interval at SB-1 (250 ppm) and the 3 to 4 ft bgs interval at SB-3 (300 ppm). Soil borings logs are included in Attachment A. Groundwater was not encountered during the investigation; however, it is anticipated at approximately 65 ft bgs.

Subsurface media encountered at SB-2 and SB-7 consisted of pea gravel/fill material with little to no soil present. The amount of soil observed was insufficient for soil sampling, therefore soil samples were not collected at SB-2 and SB-7. One soil sample was collected from each of the other six soil borings and a second soil sample was collected SB-3. Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total metals. 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 and 2, detections above regulatory criteria and/or guidance values are summarized in Figure 2, and laboratory analytical data 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).

No VOCs were detected in soil samples at concentrations exceeding the applicable soil cleanup objectives.

Three SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), were identified at concentrations above the UUSCOs and RRSCOs in soil samples from the surface down to 6 ft bgs (the maximum depth reached during this investigation). This includes benzo(b)fluoranthene (maximum concentration 1.3 mg/kg), and indeno(1,2,3-cd)pyrene (maximum concentration 0.68 mg/kg), which were detected at concentrations exceeding the UUSCOs and RRSCOs in four of the seven soil samples collected: SB-3 (5-6); SB4 (2-3); SB-6 (0-2); and, SB-8 (0-2). Benzo(a)anthracene was also detected in SB-4 (2-3) at a concentration above the UUSCO and RRSCO (1 mg/kg). No other SVOCs were detected in soil samples at concentrations exceeding the applicable soil cleanup objectives.

The following two metals were detected above the UUSCOs and RRSCOs in one or more soil samples collected from the surface down to 4 ft bgs: lead (maximum concentration 1,140 mg/kg); and, mercury (maximum concentration 0.0852). Zinc was detected at concentrations above the RRSCOs in four soil samples collected, with a maximum concentration of 624 mg/kg detected at SB-8 (0-2). Copper was detected at concentrations above the RRSCOs in three soil samples collected with a maximum

concentration of 75.1 mg/kg at SB-3 (5-6). No other metals were detected in soil samples at concentrations exceeding the applicable soil cleanup objectives.

Full soil laboratory analytical data 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 141.46 micrograms per cubic meter ($\mu g/m^3$) in sample SV-1 to 20,711.6 $\mu g/m^3$ in sample SV-2. Total benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations ranged from 23.44 $\mu g/m^3$ in SV-1 to 767.8 $\mu g/m^3$ in SV-2.

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. No VOCs were detected at concentrations exceeding 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. While indoor air was not sampled, the soil vapor concentrations were compared to the matrices to provide a range of recommended potential response measures. The abovementioned compounds were not detected above method detection limits in any soil vapor sample collected; therefore, the NYSDOH Decision Matrices were inapplicable.

It should be noted that elevated method detection limits were reported for soil vapor sample SV-2. This is likely due to the fact that SV-2 was diluted in the laboratory by a factor of 60 to accommodate for the elevated concentration of a non-target compound that was detected in this soil vapor sample (i.e., a compound outside of the TO-15 compound list). Based on the analytical data provided, it can be stated that concentrations of TO-15 compounds do not exist at or above the method detection limits reported; however, concentrations may be present below this reported value.

Full soil vapor analytical results are provided in Table 2 and the laboratory analytical data 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 properties the currently and/or historically operate(d) as petroleum filling stations as well as urban fill found throughout the New York City area. SVOCs and total metals exceeding RRSCOs were observed widely distributed throughout the Site in urban fill, up to 6 feet bgs. Elevated BTEX and total VOCs observed in soil vapor are indicative of source material contamination that was not identified at the limited sample locations that have been analyzed to date.

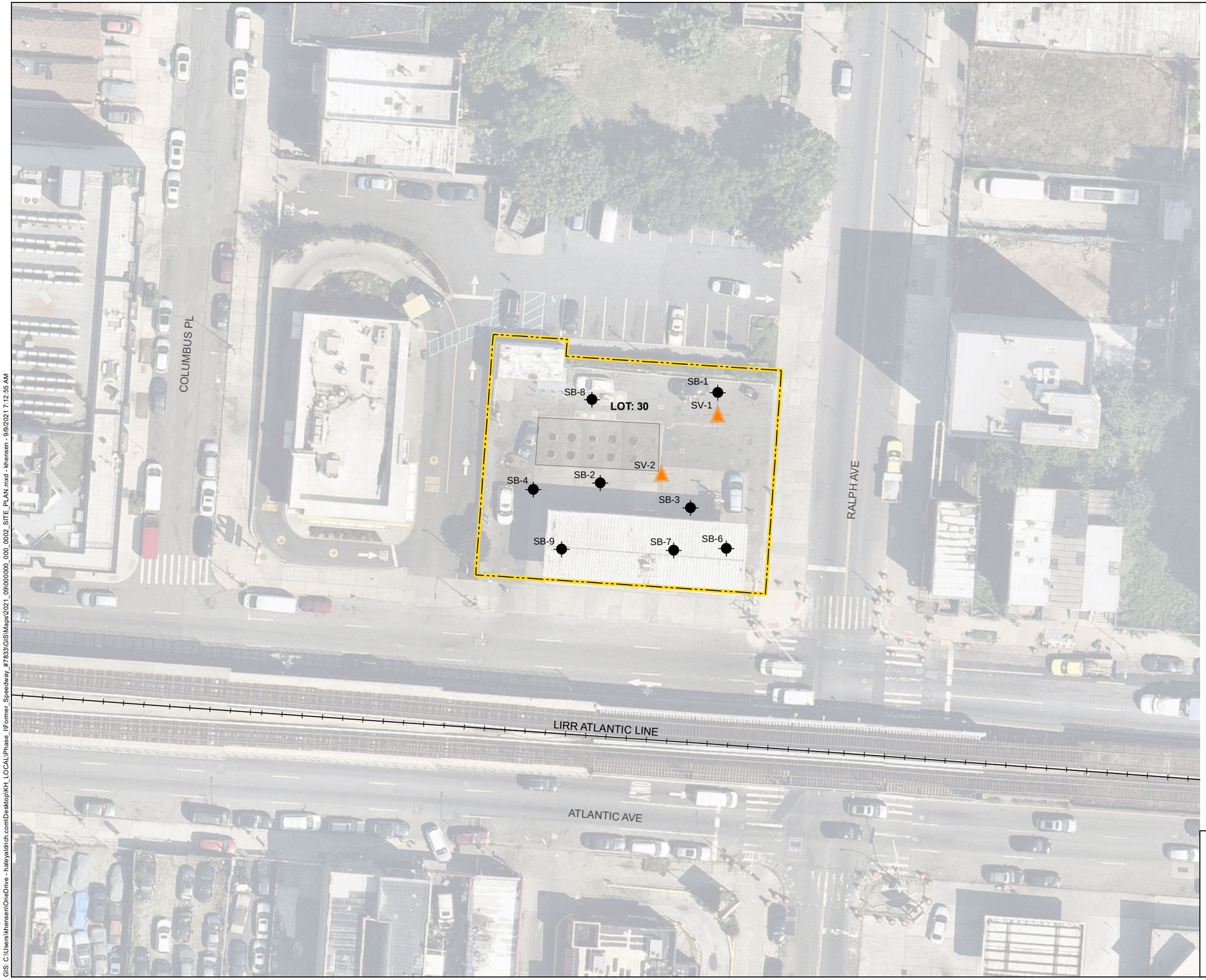
Sincerely,
Haley & Aldrich of New York

James M. Bellew
Senior Associate

Mari C. Conlon, P.G.
Project Manager

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

FIGURES



LEGEND

- COMMUTER RAIL LINE BLOCK 1714
- SITE BOUNDARY
- APPROXIMATE LOCATION OF UNDERGROUND STORAGE TANKS
- SOIL BORING AND SOIL SAMPLE LOCATION
- SOIL VAPOR SAMPLE LOCATION

SPEEDWAY SPECIFIC NOTES

1. GPR Survey performed by GPRS, Inc. on 11 October 2021.
2. All drilling and intrusive work will adhere to "Environmental Pre-Clearing and Drilling Standard" provided by Speedway dated 07 July 2021.
3. Reference was made to an As-Built drawing dated 03 December 1991 that depicted location of USTs and ancillary components.
4. The unknown area marked on the western portion of the Site is an area where poor signal was detected by GPR.
5. Primary utility connections are from the storage shed to the kiosk.
6. Sanitary sewer, roof drainage lines, and product lines were not identified and/or marked out during the GPR survey.

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 12 AUGUST 2021

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

SPEEDWAY #7833
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

NOVEMBER 2021

FIGURE 1

GIS: C:\Users\khensen\OneDrive - haleyaldrich.com\Desktop\KH_LOCAL\Phase_I\Former_Speedway_#7833\GIS\Maps\2021_09\000000_000_0002_SITE_PLAN.mxd - khensen - 9/9/2021 7:12:55 AM

SB8 (0-2')- 10/18/2021	
Benzo(b)fluoranthene	1.3
Indeno(1,2,3-cd)pyrene	0.66
Copper, Total	58
Lead, Total	1140
Mercury, Total	0.631
Zinc, Total	624

SB1 (0-2')- 10/15/2021	
Lead, Total	172
Mercury, Total	0.852

SB4 (2-3')- 10/18/2021	
Benzo(a)anthracene	1
Benzo(b)fluoranthene	1.2
Indeno(1,2,3-cd)pyrene	0.68

SB3 (3-4')- 10/18/2021	
Copper, Total	70.8
Lead, Total	426
Mercury, Total	0.389
Zinc, Total	234

SB3 (5-6')- 10/18/2021	
Benzo(b)fluoranthene	1
Indeno(1,2,3-cd)pyrene	0.55

SB9 (0-1.5')- 10/15/2021	
Lead, Total	68

SB6 (0-2')- 10/18/2021	
Benzo(b)fluoranthene	1.1
Indeno(1,2,3-cd)pyrene	0.54

SB-1 SB-2 SB-3 SB-4 SB-6 SB-7 SB-8 SB-9

LOT: 30

COLUMBUS PL

RALPH AVE

ATLANTIC AVE

LEGEND

- COMMUTER RAIL LINE BLOCK 1714
- SITE BOUNDARY
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- SOIL VAPOR SAMPLE LOCATION

NYCRR Part 375 Unrestricted and Restricted-Residential SCOs			
Analyte	**Units**	**NY RestResi SCO**	**NY UnrestResi SCO**
Benzo(a)anthracene	mg/kg	1	1
Benzo(b)fluoranthene	mg/kg	1	1
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5
Copper, Total	mg/kg	270	50
Lead, Total	mg/kg	400	63
Mercury, Total	mg/kg	0.81	0.18
Zinc, Total	mg/kg	10000	109

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SCALE IN FEET

HALEY ALDRICH

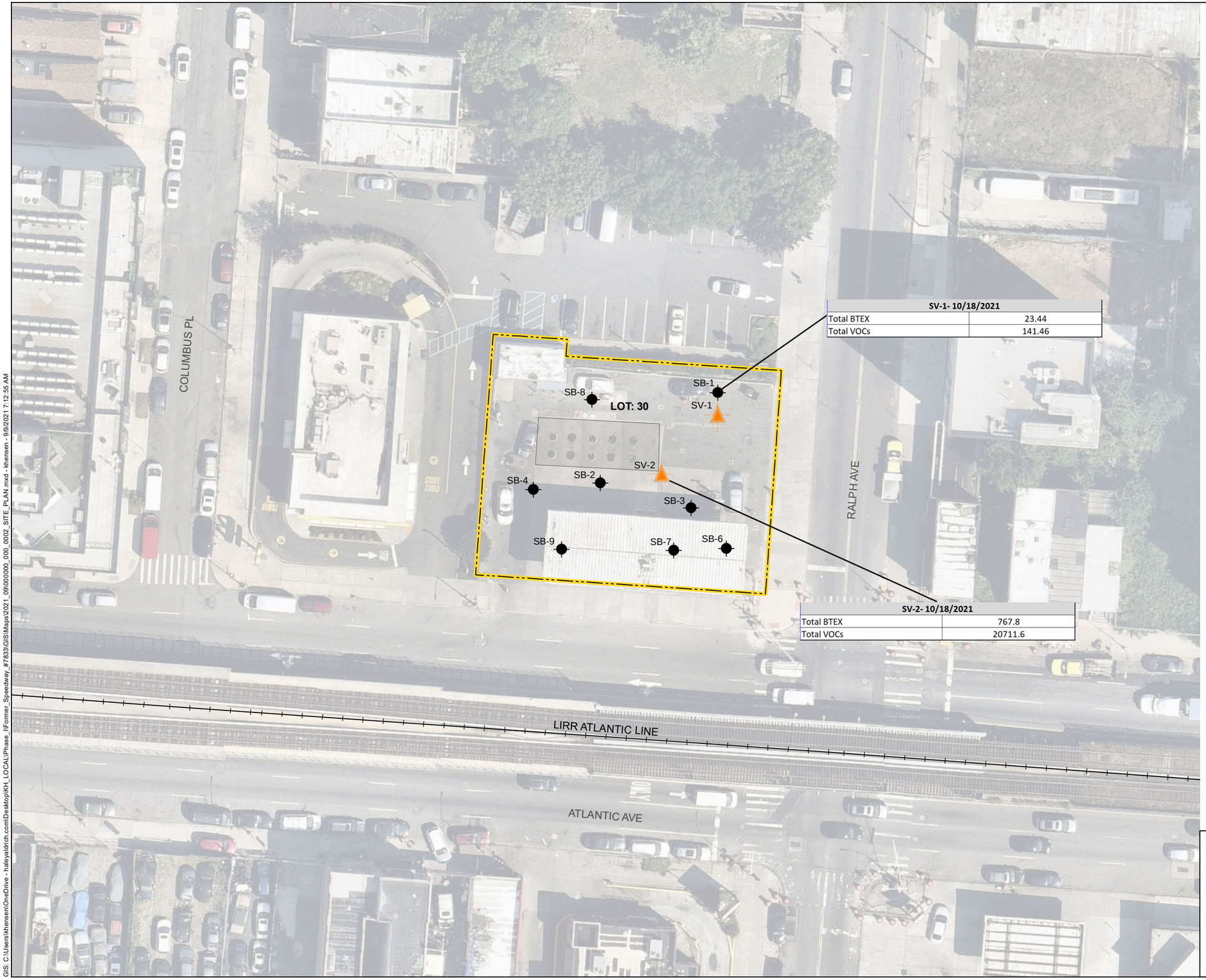
SPEEDWAY #7833
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SOIL CHEMISTRY MAP

NOVEMBER 2021

FIGURE 2

GIS: C:\Users\khensen\OneDrive - haleyaldrich.com\Desktop\KH_LOCAL\Phase_I\Former_Speedway_#7833\GIS\Maps\2021_09\000000_000_0002_SITE_PLAN.mxd - khensen - 9/9/2021 7:12:55 AM



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SCALE IN FEET

HALEY ALDRICH

SPEEDWAY #7833
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SOIL VAPOR CHEMISTRY MAP

NOVEMBER 2021

FIGURE 3

GIS: C:\Users\khensen\OneDrive - haleyaldrich.com\Desktop\KH_LOCAL\Phase_I\Former_Speedway_#7833\GIS\Maps\2021_09\000000_000_0002_SITE_PLAN.mxd - khensen - 9/9/2021 7:12:55 AM

TABLES

Table 1. Soil Analytical Results
1885 Atlantic Avenue Redevelopment - Speedway #7833
1885 Atlantic Avenue, Brooklyn, NY

					LOCATION:	SB-1 (0-2')		SB-3 (3-4')		SB-3 (5-6')		SB-4 (2-3')		SB-6 (0-2')		SB-8 (0-2')		SB-9 (0-1.5')	
					SAMPLING DATE:	10/15/2021		10/18/2021		10/18/2021		10/18/2021		10/18/2021		10/18/2021		10/15/2021	
					LAB SAMPLE ID:	L2156641-01		L2156962-01		L2156962-02		L2156962-05		L2156962-03		L2156962-04		L2156641-02	
					SAMPLE TYPE:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESC	NY-RESGW	NY-RESRR	NY-UNRES	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 5035																			
Methylene chloride	500	0.05	100	0.05	mg/kg	0.0057	U	0.0049	U	0.006	U	0.0057	U	0.0048	U	0.0064	U	0.0067	U
1,1-Dichloroethane	240	0.27	26	0.27	mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
Chloroform	350	0.37	49	0.37	mg/kg	0.0017	U	0.0015	U	0.0018	U	0.0017	U	0.0014	U	0.0019	U	0.002	U
Carbon tetrachloride	22	0.76	2.4	0.76	mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
1,2-Dichloropropane					mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
Dibromochloromethane					mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
1,1,2-Trichloroethane					mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
Tetrachloroethene	150	1.3	19	1.3	mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
Chlorobenzene	500	1.1	100	1.1	mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
Trichlorofluoromethane					mg/kg	0.0046	U	0.0039	U	0.0048	U	0.0045	U	0.0038	U	0.0051	U	0.0054	U
1,2-Dichloroethane	30	0.02	3.1	0.02	mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
1,1,1-Trichloroethane	500	0.68	100	0.68	mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
Bromodichloromethane					mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
trans-1,3-Dichloropropene					mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
cis-1,3-Dichloropropene					mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
1,3-Dichloropropene, Total					mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
1,1-Dichloropropene					mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
Bromoform					mg/kg	0.0046	U	0.0039	U	0.0048	U	0.0045	U	0.0038	U	0.0051	U	0.0054	U
1,1,2,2-Tetrachloroethane					mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
Benzene	44	0.06	4.8	0.06	mg/kg	0.0066		0.0069		0.016		0.0013		0.00048	U	0.0025		0.00029	J
Toluene	500	0.7	100	0.7	mg/kg	0.00075	J	0.0024		0.0024		0.0011		0.00095	U	0.0013	U	0.00093	J
Ethylbenzene	390	1	41	1	mg/kg	0.019		0.0006	J	0.0046		0.00022	J	0.00095	U	0.0013	U	0.0013	U
Chloromethane					mg/kg	0.0046	U	0.0039	U	0.0048	U	0.0045	U	0.0038	U	0.0051	U	0.0054	U
Bromomethane					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
Vinyl chloride	13	0.02	0.9	0.02	mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
Chloroethane					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,1-Dichloroethene	500	0.33	100	0.33	mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
trans-1,2-Dichloroethene	500	0.19	100	0.19	mg/kg	0.0017	U	0.0015	U	0.0018	U	0.0017	U	0.0014	U	0.0019	U	0.002	U
Trichloroethene	200	0.47	21	0.47	mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
1,2-Dichlorobenzene	500	1.1	100	1.1	mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,3-Dichlorobenzene	280	2.4	49	2.4	mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,4-Dichlorobenzene	130	1.8	13	1.8	mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
Methyl tert butyl ether	500	0.93	100	0.93	mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
p/m-Xylene					mg/kg	0.0042		0.045		0.062		0.00065	J	0.0019	U	0.0025	U	0.0027	U
o-Xylene					mg/kg	0.00081	J	0.0038		0.0028		0.0011	U	0.00095	U	0.0013	U	0.0013	U
Xylenes, Total	500	1.6	100	0.26	mg/kg	0.005	J	0.049		0.065		0.00065	J	0.00095	U	0.0013	U	0.0013	U
cis-1,2-Dichloroethene	500	0.25	100	0.25	mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
1,2-Dichloroethene, Total					mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
Dibromomethane					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
Styrene					mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
Dichlorodifluoromethane					mg/kg	0.011	U	0.0099	U	0.012	U	0.011	U	0.0095	U	0.013	U	0.013	U
Acetone	500	0.05	100	0.05	mg/kg	0.011	U	0.0099	U	0.012	U	0.0064	J	0.005	J	0.023		0.015	
Carbon disulfide					mg/kg	0.011	U	0.0099	U	0.012	U	0.011	U	0.0095	U	0.013	U	0.013	U
2-Butanone	500	0.12	100	0.12	mg/kg	0.011	U	0.0099	U	0.012	U	0.011	U	0.0095	U	0.013	U	0.013	U
Vinyl acetate					mg/kg	0.011	U	0.0099	U	0.012	U	0.011	U	0.0095	U	0.013	U	0.013	U
4-Methyl-2-pentanone					mg/kg	0.011	U	0.0099	U	0.012	U	0.011	U	0.0095	U	0.013	U	0.013	U
1,2,3-Trichloropropane					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
2-Hexanone					mg/kg	0.011	U	0.0099	U	0.012	U	0.011	U	0.0095	U	0.013	U	0.013	U
Bromochloromethane					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
2,2-Dichloropropane					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,2-Dibromoethane					mg/kg	0.0011	U	0.00099	U	0.0012	U	0.0011	U	0.00095	U	0.0013	U	0.0013	U
1,3-Dichloropropane					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,1,1,2-Tetrachloroethane					mg/kg	0.00057	U	0.00049	U	0.0006	U	0.00057	U	0.00048	U	0.00064	U	0.00067	U
Bromobenzene					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
n-Butylbenzene	500	12	100	12	mg/kg	0.0084		0.0014		0.005		0.0011	U	0.00095	U	0.0013	U	0.0013	U
sec-Butylbenzene	500	11	100	11	mg/kg	0.012		0.0026		0.0048		0.0011	U	0.00095	U	0.0013	U	0.0013	U
tert-Butylbenzene	500	5.9	100	5.9	mg/kg	0.0023	U	0.00013	J	0.00021	J	0.0023	U	0.0019	U	0.0025	U	0.0027	U
o-Chlorotoluene					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
p-Chlorotoluene					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,2-Dibromo-3-chloropropane					mg/kg	0.0034	U	0.003	U	0.0036	U	0.0034	U	0.0028	U	0.0038	U	0.004	U
Hexachlorobutadiene					mg/kg	0.0046	U	0.0039	U	0.0048	U	0.0045	U	0.0038	U	0.0051	U	0.0054	U
Isopropylbenzene					mg/kg	0.015		0.0047		0.023		0.0011	U	0.00095	U	0.0013	U	0.0013	U
p-Isopropyltoluene					mg/kg	0.00045	J	0.001		0.0014		0.0011	U	0.00095	U	0.0013	U	0.0013	U
Naphthalene	500	12	100	12	mg/kg	0.0088		0.00082	J	0.0033	J	0.0045	U	0.0038	U	0.0051	U	0.0054	U
Acrylonitrile					mg/kg	0.0046	U	0.0039	U	0.0048	U	0.0045	U	0.0038	U	0.0051	U	0.0054	U
n-Propylbenzene	500	3.9	100	3.9	mg/kg	0.021		0.0013		0.02		0.0011	U	0.00095	U	0.0013	U	0.0013	U
1,2,3-Trichlorobenzene					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,2,4-Trichlorobenzene					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,3,5-Trimethylbenzene	190	8.4	52	8.4	mg/kg	0.0039		0.0074		0.016		0.0023	U	0.0019	U	0.0025	U	0.00031	J
1,2,4-Trimethylbenzene	190	3.6	52	3.6	mg/kg	0.006		0.0051		0.0043		0.0023	U	0.0019	U	0.0025	U	0.00054	J
1,4-Dioxane	130	0.1	13	0.1	mg/kg	0.092	U	0.079	U	0.096	U	0.091	U	0.076	U	0.1	U	0.11	U
p-Diethylbenzene					mg/kg	0.014		0.011		0.015		0.0023	U	0.0019	U	0.0025	U	0.00038	J
p-Ethyltoluene					mg/kg	0.01		0.02		0.03		0.0023	U	0.0019	U	0.0025	U	0.0027	U
1,2,4,5-Tetramethylbenzene					mg/kg	0.025		0.004		0.013		0.0023	U	0.0019	U	0.0025	U	0.0027	U
Ethyl ether					mg/kg	0.0023	U	0.002	U	0.0024	U	0.0023	U	0.0019	U	0.0025	U	0.0027	U
trans-1,4-Dichloro-2-butene					mg/kg	0.0057	U	0.0049	U	0.006	U	0.0057	U	0.0048	U	0.0064	U	0.0067	U

Notes:
Concentration exceeds NY-UNRES and RESRR
Concentration exceeds NY-RESRR
NY-RESC: New York NYCRR Part 375 Commercial Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
Qualifiers:
U - Not detected at the reported detection limit for the sample.
J - Estimated result

Table 1. Soil Analytical Results
1885 Atlantic Avenue Redevelopment - Speedway #7833
1885 Atlantic Avenue, Brooklyn, NY

			LOCATION:	SB-1 (0-2')		SB-3 (3-4')		SB-3 (5-6')		SB-4 (2-3')		SB-6 (0-2')		SB-8 (0-2')		SB-9 (0-1.5')	
			SAMPLING DATE:	10/15/2021		10/18/2021		10/18/2021		10/18/2021		10/18/2021		10/18/2021		10/15/2021	
			LAB SAMPLE ID:	L2156641-01		L2156962-01		L2156962-02		L2156962-05		L2156962-03		L2156962-04		L2156641-02	
			SAMPLE TYPE:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semivolatile Organics by GC/MS																	
Acenaphthene	100	20	mg/kg	0.094	J	0.035	J	0.067	J	0.1	J	0.078	J	0.099	J	0.14	U
1,2,4-Trichlorobenzene			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Hexachlorobenzene	1.2	0.33	mg/kg	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
Bis(2-chloroethyl)ether			mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16	U
2-Chloronaphthalene			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
3,3'-Dichlorobenzidine			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2,4-Dinitrotoluene			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2,6-Dinitrotoluene			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Fluoranthene	100	100	mg/kg	1.4		0.8		1.2		1.7		1.5		1.6		0.24	
4-Chlorophenyl phenyl ether			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
4-Bromophenyl phenyl ether			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Bis(2-chloroisopropyl)ether			mg/kg	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.21	U	0.22	U
Bis(2-chloroethoxy)methane			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.2	U
Hexachlorobutadiene			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Hexachlorocyclopentadiene			mg/kg	0.5	U	0.52	U	0.53	U	0.53	U	0.52	U	0.51	U	0.52	U
Hexachloroethane			mg/kg	0.14	U	0.15	U	0.15	U	0.15	U	0.15	U	0.14	U	0.14	U
Isophorone			mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16	U
Naphthalene	100	12	mg/kg	0.18		0.31		0.28		0.23		0.062	J	0.17	J	0.042	J
Nitrobenzene			mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16	U
NDPA/DPA			mg/kg	0.14	U	0.15	U	0.15	U	0.15	U	0.15	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Bis(2-ethylhexyl)phthalate			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.22		0.18	U
Butyl benzyl phthalate			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.06	J	0.18	U
Di-n-butylphthalate			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Di-n-octylphthalate			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Diethyl phthalate			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Dimethyl phthalate			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Benzo(a)anthracene	1	1	mg/kg	0.72		0.52		0.8		1		0.84		0.98		0.13	
Benzo(a)pyrene	1	1	mg/kg	0.62		0.54		0.77		0.99		0.8		0.93		0.14	
Benzo(b)fluoranthene	1	1	mg/kg	0.91		0.68		1		1.2		1.1		1.3		0.18	
Benzo(k)fluoranthene	3.9	0.8	mg/kg	0.33		0.25		0.28		0.53		0.26		0.34		0.073	J
Chrysene	3.9	1	mg/kg	0.73		0.51		0.76		0.96		0.81		0.93		0.13	
Acenaphthylene	100	100	mg/kg	0.067	J	0.089	J	0.091	J	0.096	J	0.07	J	0.11	J	0.14	U
Anthracene	100	100	mg/kg	0.22		0.14		0.22		0.27		0.22		0.31		0.11	U
Benzo(ghi)perylene	100	100	mg/kg	0.35		0.46		0.54		0.68		0.52		0.65		0.088	J
Fluorene	100	30	mg/kg	0.18		0.057	J	0.11	J	0.11	J	0.094	J	0.18		0.18	U
Phenanthrene	100	100	mg/kg	1.1		0.57		0.94		1.2		0.99		1.3		0.12	
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.09	J	0.11		0.15		0.19		0.14		0.21		0.021	J
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.38		0.41		0.55		0.68		0.54		0.66		0.094	J
Pyrene	100	100	mg/kg	1.2		0.73		1.1		1.5		1.3		1.6		0.2	
Biphenyl			mg/kg	0.4	U	0.42	U	0.42	U	0.42	U	0.42	U	0.41	U	0.41	U
4-Chloroaniline			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2-Nitroaniline			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
3-Nitroaniline			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
4-Nitroaniline			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Dibenzofuran	59	7	mg/kg	0.075	J	0.046	J	0.066	J	0.067	J	0.044	J	0.12	J	0.18	U
2-Methylnaphthalene			mg/kg	0.2	J	0.26		0.21	J	0.16	J	0.035	J	0.13	J	0.035	J
1,2,4,5-Tetrachlorobenzene			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Acetophenone			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2,4,6-Trichlorophenol			mg/kg	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
p-Chloro-m-cresol			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2-Chlorophenol			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2,4-Dichlorophenol			mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2-Nitrophenol			mg/kg	0.38	U	0.4	U	0.4	U	0.4	U	0.4	U	0.38	U	0.39	U
4-Nitrophenol			mg/kg	0.24	U	0.26	U	0.26	U	0.26	U	0.26	U	0.25	U	0.25	U
2,4-Dinitrophenol			mg/kg	0.84	U	0.88	U	0.89	U	0.88	U	0.88	U	0.86	U	0.87	U
4,6-Dinitro-o-cresol			mg/kg	0.46	U	0.48	U	0.48	U	0.48	U	0.48	U	0.46	U	0.47	U
Pentachlorophenol	6.7	0.8	mg/kg	0.14	U	0.15	U	0.15	U	0.15	U	0.15	U	0.14	U	0.14	U
Phenol	100	0.33	mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
2-Methylphenol	100	0.33	mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.25	U	0.26	U	0.27	U	0.26	U	0.26	U	0.26	U	0.26	U
2,4,5-Trichlorophenol			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Benzoic Acid			mg/kg	0.57	U	0.59	U	0.6	U	0.6	U	0.6	U	0.58	U	0.59	U
Benzyl Alcohol			mg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Carbazole			mg/kg	0.14	J	0.11	J	0.13	J	0.18		0.15	J	0.2		0.18	U
1,4-Dioxane	13	0.1	mg/kg	0.026	U	0.028	U	0.028	U	0.028	U	0.028	U	0.027	U	0.027	U

Notes:
Concentration exceeds NY-UNRES and RESRR
Concentration exceeds NY-RESRR
NY-RESC: New York NYCRR Part 375 Commercial Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
Qualifiers:
U - Not detected at the reported detection limit for the sample.
J - Estimated result

Table 1. Soil Analytical Results

1885 Atlantic Avenue Redevelopment - Speedway #7833

1885 Atlantic Avenue, Brooklyn, NY

				LOCATION:	SB-1 (0-2')		SB-3 (3-4')		SB-3 (5-6')		SB-4 (2-3')		SB-6 (0-2')		SB-8 (0-2')		SB-9 (0-1.5')	
				SAMPLING DATE:	10/15/2021		10/18/2021		10/18/2021		10/18/2021		10/18/2021		10/18/2021		10/15/2021	
				LAB SAMPLE ID:	L2156641-01		L2156962-01		L2156962-02		L2156962-05		L2156962-03		L2156962-04		L2156641-02	
				SAMPLE TYPE:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESGW	NY-RESRR	NY-UNRES	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total Metals (mg/kg)																		
Aluminum, Total				mg/kg	4080		4320		4740		4940		4300		4500		5490	
Antimony, Total				mg/kg	1.24	J	1.08	J	1.17	J	2.98	J	0.621	J	1.54	J	4.29	U
Arsenic, Total	16	16	13	mg/kg	3.32		3.27		6.18		10.8		2.81		4.74		4.72	
Barium, Total	820	400	350	mg/kg	65.6		132		110		217		39.6		198		68.2	
Beryllium, Total	47	72	7.2	mg/kg	0.243	J	0.215	J	0.203	J	0.258	J	0.259	J	0.221	J	0.189	J
Cadmium, Total	7.5	4.3	2.5	mg/kg	1.03		1.33		1.64		1.53		0.595	J	1.54		0.395	J
Calcium, Total				mg/kg	1680		3840		16500		9050		3360		4990		32600	
Chromium, Total				mg/kg	12		11.4		14.1		16.1		10.6		14.5		10.6	
Cobalt, Total				mg/kg	4.98		6.01		5.13		6.98		5.25		4.68		4.13	
Copper, Total	1720	270	50	mg/kg	32.5		70.8		75.1		49.5		18		58		17.3	
Iron, Total				mg/kg	18200		18600		19900		35400		17100		18000		11200	
Lead, Total	450	400	63	mg/kg	172		426		330		741		48.8		1140		68	
Magnesium, Total				mg/kg	1170		1660		2500		2260		2070		1810		2380	
Manganese, Total	2000	2000	1600	mg/kg	303		226		239		356		347		187		244	
Mercury, Total	0.73	0.81	0.18	mg/kg	0.852		0.389		0.366		0.673		0.084	J	0.631		0.094	
Nickel, Total	130	310	30	mg/kg	9.29		12.4		11.8		13.1		8.34		18.5		12.6	
Potassium, Total				mg/kg	548		544		784		494		579		594		1070	
Selenium, Total	4	180	3.9	mg/kg	1.68	U	1.72	U	1.76	U	1.78	U	1.72	U	1.7	U	1.72	U
Silver, Total	8.3	180	2	mg/kg	0.839	U	0.862	U	0.881	U	0.891	U	0.862	U	0.849	U	0.858	U
Sodium, Total				mg/kg	76.8	J	329		530		295		224		143	J	1370	
Thallium, Total				mg/kg	0.277	J	1.72	U	1.76	U	1.78	U	1.72	U	1.7	U	1.72	U
Vanadium, Total				mg/kg	23.2		27.2		19.7		20.5		24.6		18.5		18	
Zinc, Total	2480	10000	109	mg/kg	105		234		282		329		89.2		624		55.2	

Notes:

Concentration exceeds NY-UNRES and RESRR

Concentration exceeds NY-RESRR

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Qualifiers:

U - Not detected at the reported detection limit for the sample.

J - Estimated result

Table 2. Soil Vapor Analytical Results
1885 Atlantic Avenue Redevelopment - Speedway #7833
1885 Atlantic Avenue, Brooklyn, NY

LOCATION:						SV-1		SV-2	
SAMPLING DATE:						10/18/2021		10/18/2021	
LAB SAMPLE ID:						L2156920-01		L2156920-02	
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/m^3	1.65		60.3	U
Chloromethane					ug/m^3	8.32		25.2	U
Freon-114					ug/m^3	1.4	U	85.3	U
Vinyl chloride				6	ug/m^3	0.511	U	31.2	U
1,3-Butadiene					ug/m^3	3.3		33.8	
Bromomethane					ug/m^3	0.777	U	47.4	U
Chloroethane					ug/m^3	0.528	U	32.2	U
Ethanol					ug/m^3	9.42	U	575	U
Vinyl bromide					ug/m^3	0.874	U	53.3	U
Acetone					ug/m^3	28		145	U
Trichlorofluoromethane					ug/m^3	1.2		68.6	U
Isopropanol					ug/m^3	1.34		75	U
1,1-Dichloroethene		6			ug/m^3	0.793	U	48.4	U
Tertiary butyl Alcohol					ug/m^3	7.28		92.5	U
Methylene chloride	60		100		ug/m^3	1.74	U	106	U
3-Chloropropene					ug/m^3	0.626	U	38.2	U
Carbon disulfide					ug/m^3	2.17		38	U
Freon-113					ug/m^3	1.53	U	93.5	U
trans-1,2-Dichloroethene					ug/m^3	0.793	U	48.4	U
1,1-Dichloroethane					ug/m^3	0.809	U	49.4	U
Methyl tert butyl ether					ug/m^3	0.721	U	44	U
2-Butanone					ug/m^3	2.45		90	U
cis-1,2-Dichloroethene		6			ug/m^3	0.793	U	48.4	U
Ethyl Acetate					ug/m^3	1.8	U	110	U
Chloroform					ug/m^3	0.977	U	59.6	U
Tetrahydrofuran					ug/m^3	2.44		90	U
1,2-Dichloroethane					ug/m^3	0.809	U	49.4	U
n-Hexane					ug/m^3	8.32		5710	
1,1,1-Trichloroethane			100		ug/m^3	1.09	U	66.6	U
Benzene					ug/m^3	2.6		335	
Carbon tetrachloride		6			ug/m^3	1.26	U	76.7	U
Cyclohexane					ug/m^3	2.62		1880	
1,2-Dichloropropane					ug/m^3	0.924	U	56.4	U
Bromodichloromethane					ug/m^3	1.34	U	81.7	U
1,4-Dioxane					ug/m^3	0.721	U	44	U
Trichloroethene	2	6			ug/m^3	1.07	U	65.6	U
2,2,4-Trimethylpentane					ug/m^3	33.4		11100	
Heptane					ug/m^3	4.96		1220	
cis-1,3-Dichloropropene					ug/m^3	0.908	U	55.4	U
4-Methyl-2-pentanone					ug/m^3	2.05	U	125	U
trans-1,3-Dichloropropene					ug/m^3	0.908	U	55.4	U
1,1,2-Trichloroethane					ug/m^3	1.09	U	66.6	U
Toluene					ug/m^3	7.69		140	
2-Hexanone					ug/m^3	0.82	U	50	U
Dibromochloromethane					ug/m^3	1.7	U	104	U
1,2-Dibromoethane					ug/m^3	1.54	U	93.8	U
Tetrachloroethene	30		100		ug/m^3	1.36	U	82.7	U
Chlorobenzene					ug/m^3	0.921	U	56.2	U
Ethylbenzene					ug/m^3	1.82		92.5	
p/m-Xylene					ug/m^3	8.17		133	
Bromoform					ug/m^3	2.07	U	126	U
Styrene					ug/m^3	0.852	U	51.9	U
1,1,2,2-Tetrachloroethane					ug/m^3	1.37	U	83.8	U
o-Xylene					ug/m^3	3.16		67.3	
4-Ethyltoluene					ug/m^3	1.29		60	U
1,3,5-Trimethylbenzene					ug/m^3	1.83		60	U
1,2,4-Trimethylbenzene					ug/m^3	4.85		60	U
Benzyl chloride					ug/m^3	1.04	U	63.2	U
1,3-Dichlorobenzene					ug/m^3	1.2	U	73.3	U
1,4-Dichlorobenzene					ug/m^3	1.2	U	73.3	U
1,2-Dichlorobenzene					ug/m^3	1.2	U	73.3	U
1,2,4-Trichlorobenzene					ug/m^3	1.48	U	90.6	U
Hexachlorobutadiene					ug/m^3	2.13	U	130	U
Total BTEX					ug/m^3	23.44		767.8	
Total VOCs					ug/m^3	141.46		20711.6	

Notes:

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.

BTEX: Benzene, toluene, ethylbenzene, total xylenes

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

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-1

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: Northeast portion of Site

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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	NA	0			
1'		37.5	SB-1 (0-2')	0-2.0	Dark brown silty sand with large fragments of rock, brock, wood, glass, concrete, asphalt - FILL Strong petroleum-like odor- DRY
2'		250			
3'		0			
4'		0			
5'		39			
6'		0			End of boring 6' (pre-clear depth) Sample SB-1 (0-2')

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.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. SB-1

*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.

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-2

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: South of USTs

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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			Concrete
1'	NA	0	NA	NA	Pea gravel - FILL
2'					End of boring 1.5'
					No sample collected (lack of soil recovery)

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.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. SB-2

***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.

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-3

Page 1 of 1

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: Central/eastern portion of Site between USTs and overhead canopy

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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			
1'	NA	0			
2'		0			
3'		0	SB-3 (3-4')	3.0-4.0	Dark brown, medium grained, loose, fragmets of gravel, asphalt, glass - FILL Petroleum-like odor - DRY
4'		0			
5'		0			
6'		0	SB-3 (5-6')	5.0-6.0	
					Refusal at 5.4' (underground pipe)
					Two samples collected SB-3 (3'-4') and SB-3 (5'-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.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. SB-3

*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.

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-4

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: Western portion of Site between USTs and overhead canopy

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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			
1'	NA	0			Dark brown, medium grained, poorly sorted, fragmets of gravel, asphalt, glass - FILL No ordor - DRY/MOIST
2'		0	SB-4 (2-3')	2.0-3.0	
3'		0			
					Refusal at 3.0'
					Sample SB-4 (2-3')

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.)	
Rock Cored (Linear ft.)	
Number of Samples	

BORING NO. SB-4

direct observation within the limitations of sampler size.

d of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-6

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: Undercanopy near Atlantic Avenue and Ralph Avenue

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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			
1'	NA	0	SB-6 (0-2')	0-2.0	Light brown/brown, medium grained, poorly sorted, fragmets of gravel, asphalt, glass - FILL No ordor - DRY/MOIST
2'		0			
3'		0			Refusal at 3.0' Sample SB-6 (0-2')

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.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. SB-6

direct observation within the limitations of sampler size.

d of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-7

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: Undercanopy near Atlantic Avenue

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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	NA	NA	Concrete
					Pea gravel - FILL
1'	NA	0			End of boring 1.0'
					No sample collected (lack of soil recovery)

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.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. SB-7

***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.

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-8

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: North of USTs

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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			
1'	NA	0	SB-8 (0-2')	0-2.0	Tan to brown, medium grained, loose, fragmets of gravel, asphalt, glass - FILL No odor - DRY
2'		0			
					Refusal at 2.0'
					Sample SB-8 (0-2')

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.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. SB-8

*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.

HALEY & ALDRICH

GEOPROBE BORING REPORT

BORING NO. SB-9

PROJECT	1885 Atlantic Phase II - Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	203563
LOCATION	1885 Atlantic Avenue, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	The Jay Group	**FIELD REP.**	Y.Lin
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	10/15/2021
DRILLER	T. Fitzpatrick; J. Hudson; J. Rosser; M. Morgenstern	**DATE FINISHED**	10/15/2021

Boring Location: Undercanopy near Atlantic Avenue

Rig Make & Model: NA (Airknife)

- ☐ Truck
- ☐ ATV
- ☐ Track
- ☐ Skid
- ☐ Tripod
- ☐ Geoprobe
- ☑ Air Knife
- ☑ Hand auger

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			
1'	NA	0	SB-9 (0-1.5')	0-1.5	Tan to brown, medium grained, loose, fragmets of gravel, asphalt, glass - FILL No odor - DRY
2'		0			Refusal at 1.5' Sample SB-9 (0-1.5')

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.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. SB-9

***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 ANALYTICAL DATA REPORTS

HALEY ALDRICH

ANALYTICAL REPORT

Lab Number:	L2156641
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	1885 ATLANTIC
Project Number:	0203563
Report Date:	10/21/21

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: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2156641-01	SB1 (0-2')	SOIL	1885 ATLANTIC AVE, BROOKLYN, NY	10/15/21 11:06	10/15/21
L2156641-02	SB9 (0-1.5')	SOIL	1885 ATLANTIC AVE, BROOKLYN, NY	10/15/21 08:55	10/15/21

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156641
Project Number:	0203563	**Report Date:**	10/21/21

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:	1885 ATLANTIC	**Lab Number:**	L2156641
Project Number:	0203563	**Report Date:**	10/21/21

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

The WG1559564-2/-3 LCS/LCSD recoveries, associated with L2156641-01 and -02, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2156641-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

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

ORGANICS

VOLATILES

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01
Client ID: SB1 (0-2')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY
Date Collected: 10/15/21 11:06
Date Received: 10/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/20/21 12:31
Analyst: KJD
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	6.6		ug/kg	0.57	0.19	1
Toluene	0.75	J	ug/kg	1.1	0.62	1
Ethylbenzene	19		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01 Date Collected: 10/15/21 11:06

Client ID: SB1 (0-2') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	4.2		ug/kg	2.3	0.64	1
o-Xylene	0.81	J	ug/kg	1.1	0.33	1
Xylenes, Total	5.0	J	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	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	8.4		ug/kg	1.1	0.19	1
sec-Butylbenzene	12		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	15		ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.45	J	ug/kg	1.1	0.12	1
Naphthalene	8.8		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01 Date Collected: 10/15/21 11:06

Client ID: SB1 (0-2') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	21		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	3.9		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	6.0		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	14		ug/kg	2.3	0.20	1
p-Ethyltoluene	10		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	25		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	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02
Client ID: SB9 (0-1.5')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY
Date Collected: 10/15/21 08:55
Date Received: 10/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/20/21 12:05
Analyst: KJD
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	0.29	J	ug/kg	0.67	0.22	1
Toluene	0.93	J	ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02 Date Collected: 10/15/21 08:55

Client ID: SB9 (0-1.5') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	15		ug/kg	13	6.5	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02 Date Collected: 10/15/21 08:55

Client ID: SB9 (0-1.5') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	0.31	J	ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	0.54	J	ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	0.38	J	ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	90		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/20/21 07:22
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1560889-5					
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: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/20/21 07:22
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1560889-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/20/21 07:22
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1560889-5					
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	0.66	J	ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.33	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156641

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560889-3 WG1560889-4								
Methylene chloride	97		93		70-130	4		30
1,1-Dichloroethane	119		115		70-130	3		30
Chloroform	98		93		70-130	5		30
Carbon tetrachloride	106		104		70-130	2		30
1,2-Dichloropropane	122		116		70-130	5		30
Dibromochloromethane	104		101		70-130	3		30
1,1,2-Trichloroethane	100		94		70-130	6		30
Tetrachloroethene	108		103		70-130	5		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	92		88		70-139	4		30
1,2-Dichloroethane	108		104		70-130	4		30
1,1,1-Trichloroethane	105		100		70-130	5		30
Bromodichloromethane	100		96		70-130	4		30
trans-1,3-Dichloropropene	102		96		70-130	6		30
cis-1,3-Dichloropropene	110		104		70-130	6		30
1,1-Dichloropropene	113		108		70-130	5		30
Bromoform	104		100		70-130	4		30
1,1,2,2-Tetrachloroethane	96		92		70-130	4		30
Benzene	103		99		70-130	4		30
Toluene	98		94		70-130	4		30
Ethylbenzene	99		95		70-130	4		30
Chloromethane	105		103		52-130	2		30
Bromomethane	70		68		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560889-3 WG1560889-4								
Vinyl chloride	92		88		67-130	4		30
Chloroethane	84		82		50-151	2		30
1,1-Dichloroethene	106		101		65-135	5		30
trans-1,2-Dichloroethene	106		101		70-130	5		30
Trichloroethene	106		102		70-130	4		30
1,2-Dichlorobenzene	103		100		70-130	3		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	102		99		70-130	3		30
Methyl tert butyl ether	91		87		66-130	4		30
p/m-Xylene	102		98		70-130	4		30
o-Xylene	100		96		70-130	4		30
cis-1,2-Dichloroethene	104		100		70-130	4		30
Dibromomethane	103		99		70-130	4		30
Styrene	100		96		70-130	4		30
Dichlorodifluoromethane	62		58		30-146	7		30
Acetone	122		118		54-140	3		30
Carbon disulfide	84		80		59-130	5		30
2-Butanone	100		92		70-130	8		30
Vinyl acetate	109		104		70-130	5		30
4-Methyl-2-pentanone	123		114		70-130	8		30
1,2,3-Trichloropropane	95		91		68-130	4		30
2-Hexanone	110		103		70-130	7		30
Bromochloromethane	109		101		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560889-3 WG1560889-4								
2,2-Dichloropropane	102		97		70-130	5		30
1,2-Dibromoethane	96		91		70-130	5		30
1,3-Dichloropropane	101		96		69-130	5		30
1,1,1,2-Tetrachloroethane	102		97		70-130	5		30
Bromobenzene	107		102		70-130	5		30
n-Butylbenzene	106		101		70-130	5		30
sec-Butylbenzene	102		99		70-130	3		30
tert-Butylbenzene	102		99		70-130	3		30
o-Chlorotoluene	82		80		70-130	2		30
p-Chlorotoluene	97		94		70-130	3		30
1,2-Dibromo-3-chloropropane	89		84		68-130	6		30
Hexachlorobutadiene	110		108		67-130	2		30
Isopropylbenzene	101		98		70-130	3		30
p-Isopropyltoluene	107		103		70-130	4		30
Naphthalene	101		97		70-130	4		30
Acrylonitrile	112		109		70-130	3		30
n-Propylbenzene	102		98		70-130	4		30
1,2,3-Trichlorobenzene	106		104		70-130	2		30
1,2,4-Trichlorobenzene	113		109		70-130	4		30
1,3,5-Trimethylbenzene	100		97		70-130	3		30
1,2,4-Trimethylbenzene	100		98		70-130	2		30
1,4-Dioxane	92		87		65-136	6		30
p-Diethylbenzene	108		104		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1560889-3 WG1560889-4								
p-Ethyltoluene	102		99		70-130	3		30
1,2,4,5-Tetramethylbenzene	105		102		70-130	3		30
Ethyl ether	94		88		67-130	7		30
trans-1,4-Dichloro-2-butene	104		99		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	100		98		70-130

SEMIVOLATILES

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01
Client ID: SB1 (0-2')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/15/21 11:06
Date Received: 10/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/21 04:26
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/16/21 21:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	94	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	1400		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	180		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: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01 Date Collected: 10/15/21 11:06

Client ID: SB1 (0-2') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	720		ug/kg	100	20.	1
Benzo(a)pyrene	620		ug/kg	140	43.	1
Benzo(b)fluoranthene	910		ug/kg	100	30.	1
Benzo(k)fluoranthene	330		ug/kg	100	28.	1
Chrysene	730		ug/kg	100	18.	1
Acenaphthylene	67	J	ug/kg	140	27.	1
Anthracene	220		ug/kg	100	34.	1
Benzo(ghi)perylene	350		ug/kg	140	21.	1
Fluorene	180		ug/kg	180	17.	1
Phenanthrene	1100		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	90	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	380		ug/kg	140	24.	1
Pyrene	1200		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	75	J	ug/kg	180	17.	1
2-Methylnaphthalene	200	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	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01 Date Collected: 10/15/21 11:06

Client ID: SB1 (0-2') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	140	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02
Client ID: SB9 (0-1.5')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/15/21 08:55
Date Received: 10/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/21 04:49
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/16/21 21:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	240		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	42	J	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: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02 Date Collected: 10/15/21 08:55

Client ID: SB9 (0-1.5') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	130		ug/kg	110	20.	1
Benzo(a)pyrene	140		ug/kg	140	44.	1
Benzo(b)fluoranthene	180		ug/kg	110	30.	1
Benzo(k)fluoranthene	73	J	ug/kg	110	29.	1
Chrysene	130		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	88	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	120		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	21	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	94	J	ug/kg	140	25.	1
Pyrene	200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	35	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: 1885 ATLANTIC **Lab Number:** L2156641

Project Number: 0203563 **Report Date:** 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02 Date Collected: 10/15/21 08:55

Client ID: SB9 (0-1.5') Date Received: 10/15/21

Sample Location: 1885 ATLANTIC AVE, 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	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/21 21:49
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 10/16/21 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559564-1					
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	30.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/21 21:49
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 10/16/21 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559564-1					
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	31.
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	37.
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	19.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
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: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/21 21:49
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 10/16/21 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1559564-1					
4-Nitrophenol	ND		ug/kg	220	66.
2,4-Dinitrophenol	ND		ug/kg	770	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	77.
Pentachlorophenol	ND		ug/kg	130	35.
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	66		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	57		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559564-2 WG1559564-3								
Acenaphthene	46		56		31-137	20		50
1,2,4-Trichlorobenzene	43		52		38-107	19		50
Hexachlorobenzene	47		57		40-140	19		50
Bis(2-chloroethyl)ether	45		55		40-140	20		50
2-Chloronaphthalene	49		58		40-140	17		50
1,2-Dichlorobenzene	45		53		40-140	16		50
1,3-Dichlorobenzene	45		53		40-140	16		50
1,4-Dichlorobenzene	44		52		28-104	17		50
3,3'-Dichlorobenzidine	44		52		40-140	17		50
2,4-Dinitrotoluene	49		60		40-132	20		50
2,6-Dinitrotoluene	54		66		40-140	20		50
Fluoranthene	48		58		40-140	19		50
4-Chlorophenyl phenyl ether	49		58		40-140	17		50
4-Bromophenyl phenyl ether	49		60		40-140	20		50
Bis(2-chloroisopropyl)ether	67		81		40-140	19		50
Bis(2-chloroethoxy)methane	45		54		40-117	18		50
Hexachlorobutadiene	50		59		40-140	17		50
Hexachlorocyclopentadiene	**34**	Q	44		40-140	26		50
Hexachloroethane	48		57		40-140	17		50
Isophorone	46		56		40-140	20		50
Naphthalene	48		57		40-140	17		50
Nitrobenzene	51		60		40-140	16		50
NDPA/DPA	50		61		36-157	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559564-2 WG1559564-3								
n-Nitrosodi-n-propylamine	48		57		32-121	17		50
Bis(2-ethylhexyl)phthalate	59		72		40-140	20		50
Butyl benzyl phthalate	52		62		40-140	18		50
Di-n-butylphthalate	51		62		40-140	19		50
Di-n-octylphthalate	58		70		40-140	19		50
Diethyl phthalate	49		61		40-140	22		50
Dimethyl phthalate	47		58		40-140	21		50
Benzo(a)anthracene	50		61		40-140	20		50
Benzo(a)pyrene	48		58		40-140	19		50
Benzo(b)fluoranthene	51		63		40-140	21		50
Benzo(k)fluoranthene	51		60		40-140	16		50
Chrysene	48		58		40-140	19		50
Acenaphthylene	49		59		40-140	19		50
Anthracene	46		56		40-140	20		50
Benzo(ghi)perylene	48		60		40-140	22		50
Fluorene	51		60		40-140	16		50
Phenanthrene	46		56		40-140	20		50
Dibenzo(a,h)anthracene	45		57		40-140	24		50
Indeno(1,2,3-cd)pyrene	46		58		40-140	23		50
Pyrene	47		56		35-142	17		50
Biphenyl	48		58		37-127	19		50
4-Chloroaniline	53		44		40-140	19		50
2-Nitroaniline	56		66		47-134	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559564-2 WG1559564-3								
3-Nitroaniline	45		54		26-129	18		50
4-Nitroaniline	46		56		41-125	20		50
Dibenzofuran	50		61		40-140	20		50
2-Methylnaphthalene	48		57		40-140	17		50
1,2,4,5-Tetrachlorobenzene	49		59		40-117	19		50
Acetophenone	44		54		14-144	20		50
2,4,6-Trichlorophenol	54		63		30-130	15		50
p-Chloro-m-cresol	55		67		26-103	20		50
2-Chlorophenol	49		60		25-102	20		50
2,4-Dichlorophenol	50		62		30-130	21		50
2,4-Dimethylphenol	50		60		30-130	18		50
2-Nitrophenol	55		66		30-130	18		50
4-Nitrophenol	63		75		11-114	17		50
2,4-Dinitrophenol	44		58		4-130	27		50
4,6-Dinitro-o-cresol	55		68		10-130	21		50
Pentachlorophenol	45		56		17-109	22		50
Phenol	46		54		26-90	16		50
2-Methylphenol	52		61		30-130.	16		50
3-Methylphenol/4-Methylphenol	54		66		30-130	20		50
2,4,5-Trichlorophenol	54		67		30-130	21		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	50		60		40-140	18		50
Carbazole	**49**	Q	58		54-128	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156641

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1559564-2 WG1559564-3								
1,4-Dioxane	**38**	Q	45		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		65		25-120
Phenol-d6	52		63		10-120
Nitrobenzene-d5	51		62		23-120
2-Fluorobiphenyl	51		61		30-120
2,4,6-Tribromophenol	51		62		10-136
4-Terphenyl-d14	46		56		18-120

METALS

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01
Client ID: SB1 (0-2')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY
Date Collected: 10/15/21 11:06
Date Received: 10/15/21
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	4080		mg/kg	8.39	2.27	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Antimony, Total	1.24	J	mg/kg	4.20	0.319	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Arsenic, Total	3.32		mg/kg	0.839	0.174	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Barium, Total	65.6		mg/kg	0.839	0.146	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Beryllium, Total	0.243	J	mg/kg	0.420	0.028	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Cadmium, Total	1.03		mg/kg	0.839	0.082	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Calcium, Total	1680		mg/kg	8.39	2.94	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Chromium, Total	12.0		mg/kg	0.839	0.081	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Cobalt, Total	4.98		mg/kg	1.68	0.139	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Copper, Total	32.5		mg/kg	0.839	0.216	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Iron, Total	18200		mg/kg	4.20	0.758	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Lead, Total	172		mg/kg	4.20	0.225	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Magnesium, Total	1170		mg/kg	8.39	1.29	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Manganese, Total	303		mg/kg	0.839	0.133	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Mercury, Total	0.852		mg/kg	0.075	0.049	1	10/18/21 23:34	10/19/21 08:14	EPA 7471B	1,7471B	AC
Nickel, Total	9.29		mg/kg	2.10	0.203	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Potassium, Total	548		mg/kg	210	12.1	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.68	0.216	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.839	0.238	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Sodium, Total	76.8	J	mg/kg	168	2.64	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Thallium, Total	0.277	J	mg/kg	1.68	0.264	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Vanadium, Total	23.2		mg/kg	0.839	0.170	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL
Zinc, Total	105		mg/kg	4.20	0.246	2	10/18/21 22:53	10/19/21 19:29	EPA 3050B	1,6010D	DL

Project Name: 1885 ATLANTIC
Lab Number: L2156641
Project Number: 0203563
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02
Client ID: SB9 (0-1.5')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY
Date Collected: 10/15/21 08:55
Date Received: 10/15/21
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	5490		mg/kg	8.58	2.32	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.29	0.326	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Arsenic, Total	4.72		mg/kg	0.858	0.178	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Barium, Total	68.2		mg/kg	0.858	0.149	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Beryllium, Total	0.189	J	mg/kg	0.429	0.028	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Cadmium, Total	0.395	J	mg/kg	0.858	0.084	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Calcium, Total	32600		mg/kg	8.58	3.00	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Chromium, Total	10.6		mg/kg	0.858	0.082	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Cobalt, Total	4.13		mg/kg	1.72	0.142	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Copper, Total	17.3		mg/kg	0.858	0.221	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Iron, Total	11200		mg/kg	4.29	0.775	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Lead, Total	68.0		mg/kg	4.29	0.230	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Magnesium, Total	2380		mg/kg	8.58	1.32	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Manganese, Total	244		mg/kg	0.858	0.136	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Mercury, Total	0.094		mg/kg	0.084	0.055	1	10/18/21 23:34	10/19/21 08:17	EPA 7471B	1,7471B	AC
Nickel, Total	12.6		mg/kg	2.14	0.208	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Potassium, Total	1070		mg/kg	214	12.4	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.72	0.221	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.858	0.243	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Sodium, Total	1370		mg/kg	172	2.70	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.72	0.270	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Vanadium, Total	18.0		mg/kg	0.858	0.174	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL
Zinc, Total	55.2		mg/kg	4.29	0.251	2	10/18/21 22:53	10/19/21 20:12	EPA 3050B	1,6010D	DL

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1560051-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Arsenic, Total	0.084	J	mg/kg	0.400	0.083	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Barium, Total	ND		mg/kg	0.400	0.070	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Copper, Total	ND		mg/kg	0.400	0.103	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Iron, Total	ND		mg/kg	2.00	0.361	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Lead, Total	ND		mg/kg	2.00	0.107	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Potassium, Total	ND		mg/kg	100	5.76	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Silver, Total	ND		mg/kg	0.400	0.113	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Sodium, Total	5.37	J	mg/kg	80.0	1.26	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/18/21 22:53	10/19/21 17:55	1,6010D	DL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1560056-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/18/21 23:34	10/19/21 07:08	1,7471B	AC

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156641

Report Date: 10/21/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1560051-2 SRM Lot Number: D109-540								
Aluminum, Total	61		-		50-150	-		
Antimony, Total	154		-		19-250	-		
Arsenic, Total	102		-		70-130	-		
Barium, Total	91		-		75-125	-		
Beryllium, Total	96		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Calcium, Total	89		-		73-128	-		
Chromium, Total	96		-		70-130	-		
Cobalt, Total	98		-		75-125	-		
Copper, Total	97		-		75-125	-		
Iron, Total	88		-		35-165	-		
Lead, Total	100		-		72-128	-		
Magnesium, Total	79		-		62-138	-		
Manganese, Total	92		-		74-126	-		
Nickel, Total	97		-		70-130	-		
Potassium, Total	76		-		59-141	-		
Selenium, Total	98		-		68-132	-		
Silver, Total	98		-		68-131	-		
Sodium, Total	96		-		35-165	-		
Thallium, Total	98		-		68-131	-		
Vanadium, Total	94		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156641

Report Date: 10/21/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1560051-2 SRM Lot Number: D109-540					
Zinc, Total	98	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1560056-2 SRM Lot Number: D109-540					
Mercury, Total	102	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560051-3 QC Sample: L2156622-01 Client ID: MS Sample												
Aluminum, Total	9270	190	9100	**0**	Q	-	-		75-125	-		20
Antimony, Total	0.608J	47.6	24.5	**51**	Q	-	-		75-125	-		20
Arsenic, Total	6.15	11.4	12.8	**58**	Q	-	-		75-125	-		20
Barium, Total	91.8	190	208	**61**	Q	-	-		75-125	-		20
Beryllium, Total	0.588	4.76	3.36	**58**	Q	-	-		75-125	-		20
Cadmium, Total	1.19	5.05	4.15	**59**	Q	-	-		75-125	-		20
Calcium, Total	20800	952	27400	**693**	Q	-	-		75-125	-		20
Chromium, Total	12.9	19	26.0	**69**	Q	-	-		75-125	-		20
Cobalt, Total	6.30	47.6	34.3	**59**	Q	-	-		75-125	-		20
Copper, Total	27.0	23.8	35.8	**37**	Q	-	-		75-125	-		20
Iron, Total	16900	95.2	18100	**1260**	Q	-	-		75-125	-		20
Lead, Total	38.6	50.5	48.9	**20**	Q	-	-		75-125	-		20
Magnesium, Total	6820	952	8150	**140**	Q	-	-		75-125	-		20
Manganese, Total	342	47.6	540	**416**	Q	-	-		75-125	-		20
Nickel, Total	14.3	47.6	43.4	**61**	Q	-	-		75-125	-		20
Potassium, Total	696	952	1550	90		-	-		75-125	-		20
Selenium, Total	ND	11.4	5.69	**50**	Q	-	-		75-125	-		20
Silver, Total	ND	28.6	20.6	**72**	Q	-	-		75-125	-		20
Sodium, Total	66.7J	952	737	77		-	-		75-125	-		20
Thallium, Total	0.323J	11.4	6.69	**58**	Q	-	-		75-125	-		20
Vanadium, Total	18.6	47.6	49.5	**65**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560051-3 QC Sample: L2156622-01 Client ID: MS Sample										
Zinc, Total	79.9	47.6	91.7	**25**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560056-3 QC Sample: L2156622-01 Client ID: MS Sample										
Mercury, Total	0.071J	0.204	0.235	115		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560051-4 QC Sample: L2156622-01 Client ID: DUP Sample						
Aluminum, Total	9270	8230	mg/kg	12		20
Antimony, Total	0.608J	1.00J	mg/kg	NC		20
Arsenic, Total	6.15	6.75	mg/kg	9		20
Barium, Total	91.8	90.8	mg/kg	1		20
Beryllium, Total	0.588	0.462J	mg/kg	NC		20
Cadmium, Total	1.19	1.19	mg/kg	0		20
Calcium, Total	20800	18800	mg/kg	10		20
Chromium, Total	12.9	13.4	mg/kg	4		20
Cobalt, Total	6.30	6.48	mg/kg	3		20
Copper, Total	27.0	28.1	mg/kg	4		20
Iron, Total	16900	19100	mg/kg	12		20
Lead, Total	38.6	37.0	mg/kg	4		20
Magnesium, Total	6820	6240	mg/kg	9		20
Manganese, Total	342	313	mg/kg	9		20
Nickel, Total	14.3	14.7	mg/kg	3		20
Potassium, Total	696	679	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	66.7J	55.4J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560051-4 QC Sample: L2156622-01 Client ID: DUP Sample					
Thallium, Total	0.323J	ND	mg/kg	NC	20
Vanadium, Total	18.6	19.3	mg/kg	4	20
Zinc, Total	79.9	82.2	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560056-4 QC Sample: L2156622-01 Client ID: DUP Sample					
Mercury, Total	0.071J	ND	mg/kg	NC	20

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2156641
Report Date: 10/21/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1560051-6 QC Sample: L2156622-01 Client ID: DUP Sample						
Aluminum, Total	9270	12100	mg/kg	**31**	Q	20
Barium, Total	91.8	120	mg/kg	**31**	Q	20
Calcium, Total	20800	27900	mg/kg	**34**	Q	20
Copper, Total	27.0	38.2	mg/kg	**41**	Q	20
Iron, Total	16900	23200	mg/kg	**37**	Q	20
Magnesium, Total	6820	10300	mg/kg	**51**	Q	20
Manganese, Total	342	460	mg/kg	**35**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-01
Client ID: SB1 (0-2')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/15/21 11:06
Date Received: 10/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	10/16/21 11:55	121,2540G	RI

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156641
Report Date: 10/21/21

SAMPLE RESULTS

Lab ID: L2156641-02
Client ID: SB9 (0-1.5')
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/15/21 08:55
Date Received: 10/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	10/16/21 11:55	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156641

Report Date: 10/21/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1559461-1 QC Sample: L2156627-01 Client ID: DUP Sample						
Solids, Total	87.6	87.7	%	0		20

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156641
Report Date: 10/21/21

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(*)
L2156641-01A	Vial MeOH preserved	A	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2156641-01B	Vial water preserved	A	NA		4.9	Y	Absent	16-OCT-21 09:02	NYTCL-8260HLW(14)
L2156641-01C	Vial water preserved	A	NA		4.9	Y	Absent	16-OCT-21 09:02	NYTCL-8260HLW(14)
L2156641-01D	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2156641-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2156641-01F	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14)
L2156641-02A	Vial MeOH preserved	A	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2156641-02B	Vial water preserved	A	NA		4.9	Y	Absent	16-OCT-21 09:02	NYTCL-8260HLW(14)
L2156641-02C	Vial water preserved	A	NA		4.9	Y	Absent	16-OCT-21 09:02	NYTCL-8260HLW(14)
L2156641-02D	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2156641-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2156641-02F	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156641
Project Number:	0203563	**Report Date:**	10/21/21

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:	1885 ATLANTIC	**Lab Number:**	L2156641
Project Number:	0203563	**Report Date:**	10/21/21

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:	1885 ATLANTIC	**Lab Number:**	L2156641
Project Number:	0203563	**Report Date:**	10/21/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156641
Project Number:	0203563	**Report Date:**	10/21/21

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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

Page 1 of 1

Date Rec'd in Lab: 10/16/21

ALPHA Job #: L2156641

Client Information

Client: Haley and Aldrich New York
Address: 237 West 35th St. floor 16
New York, NY 10123
Phone:
Fax:
Email: MConlon@haleyaldrich.com

Project Information

Project Name: 1885 Atlantic ~~Ave~~
Project Location: 1885 Atlantic Ave. Brooklyn, NY
Project #: 0203563
(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 Excel + PDF

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	SVOCs (8270D)	Total Metals	VOCs	Sample Specific Comments	Total Bottle
56641-01	SB1 (0-2')	10/15/21	1106	Soil	YL	X	X	X		
-02	SB9 (0-1.5')	10/15/21	0855	Soil	YL	X	X	X		

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

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

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

Container Type	A	A	V							
Preservative	A	A	F							

Relinquished By:	Date/Time	Received By:	Date/Time
Yanxia Lin	10/15/21 15:22		10/15/21 15:22
	10/15/21 18:20	AAL	10/15 1930
AAL	10/15		
AAL	10/16/21 01:30	AAL	10/15/21 23:00
			10/16/21 01:30

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

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

ANALYTICAL REPORT

Lab Number:	L2156920
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	1885 ATLANTIC
Project Number:	0203563
Report Date:	10/25/21

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: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156920
Report Date: 10/25/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2156920-01	SV1	SOIL_VAPOR	1885 ATLANTIC AVE, BROOKLYN, NY	10/18/21 15:12	10/18/21
L2156920-02	SV2	SOIL_VAPOR	1885 ATLANTIC AVE, BROOKLYN, NY	10/18/21 15:20	10/18/21

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156920
Project Number:	0203563	**Report Date:**	10/25/21

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:	1885 ATLANTIC	**Lab Number:**	L2156920
Project Number:	0203563	**Report Date:**	10/25/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 15, 2021. The canister certification results are provided as an addendum.

L2156920-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/25/21

AIR

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2156920-01
Client ID: SV1
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/18/21 15:12
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/23/21 00:14
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.333	0.200	--	1.65	0.989	--		1
Chloromethane	4.03	0.200	--	8.32	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.49	0.200	--	3.30	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	11.8	1.00	--	28.0	2.38	--		1
Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--		1
Isopropanol	0.546	0.500	--	1.34	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	2.40	0.500	--	7.28	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.697	0.200	--	2.17	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	0.830	0.500	--	2.45	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2156920-01
Client ID: SV1
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/18/21 15:12
Date Received: 10/18/21
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	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.826	0.500	--	2.44	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.36	0.200	--	8.32	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.815	0.200	--	2.60	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.761	0.200	--	2.62	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	7.15	0.200	--	33.4	0.934	--		1
Heptane	1.21	0.200	--	4.96	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	2.04	0.200	--	7.69	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	0.419	0.200	--	1.82	0.869	--		1

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2156920-01
Client ID: SV1
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/18/21 15:12
Date Received: 10/18/21
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	1.88	0.400	--	8.17	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	0.727	0.200	--	3.16	0.869	--		1
4-Ethyltoluene	0.262	0.200	--	1.29	0.983	--		1
1,3,5-Trimethylbenzene	0.373	0.200	--	1.83	0.983	--		1
1,2,4-Trimethylbenzene	0.986	0.200	--	4.85	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	91		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	80		60-140

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2156920-02 D
Client ID: SV2
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/18/21 15:20
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/23/21 00:52
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	12.2	--	ND	60.3	--		60.98
Chloromethane	ND	12.2	--	ND	25.2	--		60.98
Freon-114	ND	12.2	--	ND	85.3	--		60.98
Vinyl chloride	ND	12.2	--	ND	31.2	--		60.98
1,3-Butadiene	15.3	12.2	--	33.8	27.0	--		60.98
Bromomethane	ND	12.2	--	ND	47.4	--		60.98
Chloroethane	ND	12.2	--	ND	32.2	--		60.98
Ethanol	ND	305	--	ND	575	--		60.98
Vinyl bromide	ND	12.2	--	ND	53.3	--		60.98
Acetone	ND	61.0	--	ND	145	--		60.98
Trichlorofluoromethane	ND	12.2	--	ND	68.6	--		60.98
Isopropanol	ND	30.5	--	ND	75.0	--		60.98
1,1-Dichloroethene	ND	12.2	--	ND	48.4	--		60.98
Tertiary butyl Alcohol	ND	30.5	--	ND	92.5	--		60.98
Methylene chloride	ND	30.5	--	ND	106	--		60.98
3-Chloropropene	ND	12.2	--	ND	38.2	--		60.98
Carbon disulfide	ND	12.2	--	ND	38.0	--		60.98
Freon-113	ND	12.2	--	ND	93.5	--		60.98
trans-1,2-Dichloroethene	ND	12.2	--	ND	48.4	--		60.98
1,1-Dichloroethane	ND	12.2	--	ND	49.4	--		60.98
Methyl tert butyl ether	ND	12.2	--	ND	44.0	--		60.98
2-Butanone	ND	30.5	--	ND	90.0	--		60.98
cis-1,2-Dichloroethene	ND	12.2	--	ND	48.4	--		60.98

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2156920-02 D
Client ID: SV2
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/18/21 15:20
Date Received: 10/18/21
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	30.5	--	ND	110	--		60.98
Chloroform	ND	12.2	--	ND	59.6	--		60.98
Tetrahydrofuran	ND	30.5	--	ND	90.0	--		60.98
1,2-Dichloroethane	ND	12.2	--	ND	49.4	--		60.98
n-Hexane	1620	12.2	--	5710	43.0	--		60.98
1,1,1-Trichloroethane	ND	12.2	--	ND	66.6	--		60.98
Benzene	105	12.2	--	335	39.0	--		60.98
Carbon tetrachloride	ND	12.2	--	ND	76.7	--		60.98
Cyclohexane	547	12.2	--	1880	42.0	--		60.98
1,2-Dichloropropane	ND	12.2	--	ND	56.4	--		60.98
Bromodichloromethane	ND	12.2	--	ND	81.7	--		60.98
1,4-Dioxane	ND	12.2	--	ND	44.0	--		60.98
Trichloroethene	ND	12.2	--	ND	65.6	--		60.98
2,2,4-Trimethylpentane	2380	12.2	--	11100	57.0	--		60.98
Heptane	298	12.2	--	1220	50.0	--		60.98
cis-1,3-Dichloropropene	ND	12.2	--	ND	55.4	--		60.98
4-Methyl-2-pentanone	ND	30.5	--	ND	125	--		60.98
trans-1,3-Dichloropropene	ND	12.2	--	ND	55.4	--		60.98
1,1,2-Trichloroethane	ND	12.2	--	ND	66.6	--		60.98
Toluene	37.1	12.2	--	140	46.0	--		60.98
2-Hexanone	ND	12.2	--	ND	50.0	--		60.98
Dibromochloromethane	ND	12.2	--	ND	104	--		60.98
1,2-Dibromoethane	ND	12.2	--	ND	93.8	--		60.98
Tetrachloroethene	ND	12.2	--	ND	82.7	--		60.98
Chlorobenzene	ND	12.2	--	ND	56.2	--		60.98
Ethylbenzene	21.3	12.2	--	92.5	53.0	--		60.98

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

SAMPLE RESULTS

Lab ID: L2156920-02 D
Client ID: SV2
Sample Location: 1885 ATLANTIC AVE, BROOKLYN, NY

Date Collected: 10/18/21 15:20
Date Received: 10/18/21
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	30.6	24.4	--	133	106	--		60.98
Bromoform	ND	12.2	--	ND	126	--		60.98
Styrene	ND	12.2	--	ND	51.9	--		60.98
1,1,2,2-Tetrachloroethane	ND	12.2	--	ND	83.8	--		60.98
o-Xylene	15.5	12.2	--	67.3	53.0	--		60.98
4-Ethyltoluene	ND	12.2	--	ND	60.0	--		60.98
1,3,5-Trimethylbenzene	ND	12.2	--	ND	60.0	--		60.98
1,2,4-Trimethylbenzene	ND	12.2	--	ND	60.0	--		60.98
Benzyl chloride	ND	12.2	--	ND	63.2	--		60.98
1,3-Dichlorobenzene	ND	12.2	--	ND	73.3	--		60.98
1,4-Dichlorobenzene	ND	12.2	--	ND	73.3	--		60.98
1,2-Dichlorobenzene	ND	12.2	--	ND	73.3	--		60.98
1,2,4-Trichlorobenzene	ND	12.2	--	ND	90.6	--		60.98
Hexachlorobutadiene	ND	12.2	--	ND	130	--		60.98

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	82		60-140

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/22/21 15:44

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: WG1562139-4								
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: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/22/21 15:44

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: WG1562139-4								
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: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156920
Report Date: 10/25/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/22/21 15:44

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: WG1562139-4								
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: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156920

Report Date: 10/25/21

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: WG1562139-3								
Dichlorodifluoromethane	86		-		70-130	-		
Chloromethane	90		-		70-130	-		
Freon-114	92		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	95		-		70-130	-		
Ethanol	96		-		40-160	-		
Vinyl bromide	80		-		70-130	-		
Acetone	88		-		40-160	-		
Trichlorofluoromethane	81		-		70-130	-		
Isopropanol	82		-		40-160	-		
1,1-Dichloroethene	91		-		70-130	-		
Tertiary butyl Alcohol	79		-		70-130	-		
Methylene chloride	92		-		70-130	-		
3-Chloropropene	100		-		70-130	-		
Carbon disulfide	79		-		70-130	-		
Freon-113	84		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	91		-		70-130	-		
Methyl tert butyl ether	87		-		70-130	-		
2-Butanone	92		-		70-130	-		
cis-1,2-Dichloroethene	92		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156920
Report Date: 10/25/21

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: WG1562139-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
1,2-Dichloroethane	86		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	102		-		70-130	-		
Carbon tetrachloride	94		-		70-130	-		
Cyclohexane	102		-		70-130	-		
1,2-Dichloropropane	101		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	98		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	102		-		70-130	-		
Heptane	102		-		70-130	-		
cis-1,3-Dichloropropene	106		-		70-130	-		
4-Methyl-2-pentanone	107		-		70-130	-		
trans-1,3-Dichloropropene	91		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	92		-		70-130	-		
2-Hexanone	98		-		70-130	-		
Dibromochloromethane	97		-		70-130	-		
1,2-Dibromoethane	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156920

Report Date: 10/25/21

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: WG1562139-3								
Tetrachloroethene	87		-		70-130	-		
Chlorobenzene	93		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
p/m-Xylene	94		-		70-130	-		
Bromoform	90		-		70-130	-		
Styrene	91		-		70-130	-		
1,1,2,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	94		-		70-130	-		
4-Ethyltoluene	87		-		70-130	-		
1,3,5-Trimethylbenzene	90		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Benzyl chloride	88		-		70-130	-		
1,3-Dichlorobenzene	91		-		70-130	-		
1,4-Dichlorobenzene	93		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
1,2,4-Trichlorobenzene	90		-		70-130	-		
Hexachlorobutadiene	93		-		70-130	-		

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156920

Report Date: 10/25/21

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
L2156920-01	SV1	0271	Flow 4	10/15/21	367303		-	-	-	Pass	18.1	18.8	4
L2156920-01	SV1	263	2.7L Can	10/15/21	367303	L2155710-01	Pass	-29.0	-4.3	-	-	-	-
L2156920-02	SV2	02100	Flow 3	10/15/21	367303		-	-	-	Pass	18.1	18.0	1
L2156920-02	SV2	150	2.7L Can	10/15/21	367303	L2155710-01	Pass	-29.1	-5.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2155710

Project Number: CANISTER QC BAT **Report Date:** 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/13/21 17:21
Analyst: AW

	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 **Lab Number:** L2155710

Project Number: CANISTER QC BAT **Report Date:** 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
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
Project Number: CANISTER QC BAT

Lab Number: L2155710
Report Date: 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
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: L2155710
Report Date: 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
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: L2155710
Report Date: 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
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	90		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2155710

Project Number: CANISTER QC BAT **Report Date:** 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/13/21 17:21
Analyst: AW

	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:** L2155710

Project Number: CANISTER QC BAT **Report Date:** 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
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:** L2155710

Project Number: CANISTER QC BAT **Report Date:** 10/25/21

Air Canister Certification Results

Lab ID: L2155710-01
Client ID: CAN 2347 SHELF 1
Sample Location:

Date Collected: 10/12/21 14:00
Date Received: 10/13/21
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	90		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	92		60-140

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156920
Report Date: 10/25/21

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(*)*
L2156920-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2156920-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156920
Project Number:	0203563	**Report Date:**	10/25/21

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:	1885 ATLANTIC	**Lab Number:**	L2156920
Project Number:	0203563	**Report Date:**	10/25/21

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:	1885 ATLANTIC	**Lab Number:**	L2156920
Project Number:	0203563	**Report Date:**	10/25/21

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

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

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab: 10119121

ALPHA Job #: L2156920

Client Information

Client: Haley & Aldrich of New York
Address: 237 West 35th Street, Floor 16, New York, NY 10123
Phone:
Fax:
Email: MConlon@haleyaldrich.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1885 Atlantic
Project Location: 1885 Atlantic Ave, Brooklyn, NY
Project #: 0203563
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:
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	ANALYSIS TO-15	TO-15 SIM	APH ☐ Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
S6920-01	SV1	10-18-21	13:12	15:12	-30.01	-5.0	SV	ZS	2.7L	263	0271	X					
02	SV2	10-18-21	13:20	15:20	-29.84	-5.17	SV	ZS	2.7L	150	02100	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	10-18-21 16:09	[signature]	10/18/21 16:09
[signature]	10/18/21 19:30	[signature] AAL	10/18/21 20:30
[signature] AAL	10/19/21 0400	[signature]	10/19/21 0405

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.

 (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2156962
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	1885 ATLANTIC
Project Number:	0203563
Report Date:	10/22/21

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).

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2156962-01	SB3 (3-4')	SOIL	1885 ATLANTIC AVE., BROOKLYN, NY	10/18/21 13:05	10/18/21
L2156962-02	SB3 (5-6')	SOIL	1885 ATLANTIC AVE., BROOKLYN, NY	10/18/21 13:15	10/18/21
L2156962-03	SB6 (0-2')	SOIL	1885 ATLANTIC AVE., BROOKLYN, NY	10/18/21 13:43	10/18/21
L2156962-04	SB8 (0-2')	SOIL	1885 ATLANTIC AVE., BROOKLYN, NY	10/18/21 08:54	10/18/21
L2156962-05	SB4 (2-3')	SOIL	1885 ATLANTIC AVE., BROOKLYN, NY	10/18/21 14:35	10/18/21

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156962
Project Number:	0203563	**Report Date:**	10/22/21

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:	1885 ATLANTIC	**Lab Number:**	L2156962
Project Number:	0203563	**Report Date:**	10/22/21

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.

Sample Receipt

The analyses performed were specified by the client.

Semivolatile Organics

The WG1561070-2/-3 LCS/LCSD recoveries, associated with L2156962-01 through -05, are below the acceptance criteria for benzoic acid (6%/8%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2156962-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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: 10/22/21

ORGANICS

VOLATILES

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01
Client ID: SB3 (3-4')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 13:05
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/21 04:48
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	6.9		ug/kg	0.49	0.16	1
Toluene	2.4		ug/kg	0.99	0.54	1
Ethylbenzene	0.60	J	ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01 Date Collected: 10/18/21 13:05

Client ID: SB3 (3-4') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	45		ug/kg	2.0	0.55	1
o-Xylene	3.8		ug/kg	0.99	0.29	1
Xylenes, Total	49		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.7	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	1.4		ug/kg	0.99	0.16	1
sec-Butylbenzene	2.6		ug/kg	0.99	0.14	1
tert-Butylbenzene	0.13	J	ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	4.7		ug/kg	0.99	0.11	1
p-Isopropyltoluene	1.0		ug/kg	0.99	0.11	1
Naphthalene	0.82	J	ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01 Date Collected: 10/18/21 13:05

Client ID: SB3 (3-4') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	1.3		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	7.4		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	5.1		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	11		ug/kg	2.0	0.17	1
p-Ethyltoluene	20		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	4.0		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	92		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02
Client ID: SB3 (5-6')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 13:15
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/21 05:14
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	16		ug/kg	0.60	0.20	1
Toluene	2.4		ug/kg	1.2	0.65	1
Ethylbenzene	4.6		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02 Date Collected: 10/18/21 13:15

Client ID: SB3 (5-6') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	62		ug/kg	2.4	0.67	1
o-Xylene	2.8		ug/kg	1.2	0.35	1
Xylenes, Total	65		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	5.0		ug/kg	1.2	0.20	1
sec-Butylbenzene	4.8		ug/kg	1.2	0.17	1
tert-Butylbenzene	0.21	J	ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	23		ug/kg	1.2	0.13	1
p-Isopropyltoluene	1.4		ug/kg	1.2	0.13	1
Naphthalene	3.3	J	ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02 Date Collected: 10/18/21 13:15

Client ID: SB3 (5-6') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	20		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	16		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	4.3		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	15		ug/kg	2.4	0.21	1
p-Ethyltoluene	30		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	13		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	90		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03
Client ID: SB6 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 13:43
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/21/21 17:31
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03 Date Collected: 10/18/21 13:43

Client ID: SB6 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	5.0	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03 Date Collected: 10/18/21 13:43

Client ID: SB6 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04
Client ID: SB8 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 08:54
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/21/21 17:57
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	2.5		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04 Date Collected: 10/18/21 08:54

Client ID: SB8 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.26	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	23		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04 Date Collected: 10/18/21 08:54

Client ID: SB8 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05
Client ID: SB4 (2-3')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 14:35
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/21/21 18:23
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	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	1.3		ug/kg	0.57	0.19	1
Toluene	1.1		ug/kg	1.1	0.62	1
Ethylbenzene	0.22	J	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: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05 Date Collected: 10/18/21 14:35

Client ID: SB4 (2-3') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	0.65	J	ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	0.65	J	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	6.4	J	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	0.17	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: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05 Date Collected: 10/18/21 14:35

Client ID: SB4 (2-3') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	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	99		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/21/21 09:41
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05 Batch: WG1561691-5					
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: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/21/21 09:41
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05 Batch: WG1561691-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/21/21 09:41
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05 Batch: WG1561691-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	94		70-130

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/21/21 21:29
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1561956-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.15	J	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: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/21/21 21:29
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1561956-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/21/21 21:29
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1561956-5					
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	0.73	J	ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.42	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.27	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05 Batch: WG1561691-3 WG1561691-4								
Methylene chloride	99		96		70-130	3		30
1,1-Dichloroethane	121		119		70-130	2		30
Chloroform	99		97		70-130	2		30
Carbon tetrachloride	109		105		70-130	4		30
1,2-Dichloropropane	124		122		70-130	2		30
Dibromochloromethane	107		105		70-130	2		30
1,1,2-Trichloroethane	102		98		70-130	4		30
Tetrachloroethene	103		102		70-130	1		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	92		90		70-139	2		30
1,2-Dichloroethane	113		110		70-130	3		30
1,1,1-Trichloroethane	105		104		70-130	1		30
Bromodichloromethane	102		101		70-130	1		30
trans-1,3-Dichloropropene	102		100		70-130	2		30
cis-1,3-Dichloropropene	112		109		70-130	3		30
1,1-Dichloropropene	113		111		70-130	2		30
Bromoform	106		102		70-130	4		30
1,1,2,2-Tetrachloroethane	99		96		70-130	3		30
Benzene	104		102		70-130	2		30
Toluene	96		95		70-130	1		30
Ethylbenzene	96		95		70-130	1		30
Chloromethane	109		108		52-130	1		30
Bromomethane	70		69		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05 Batch: WG1561691-3 WG1561691-4								
Vinyl chloride	93		91		67-130	2		30
Chloroethane	84		83		50-151	1		30
1,1-Dichloroethene	105		103		65-135	2		30
trans-1,2-Dichloroethene	106		104		70-130	2		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	101		99		70-130	2		30
1,4-Dichlorobenzene	98		97		70-130	1		30
Methyl tert butyl ether	97		92		66-130	5		30
p/m-Xylene	100		98		70-130	2		30
o-Xylene	99		98		70-130	1		30
cis-1,2-Dichloroethene	106		104		70-130	2		30
Dibromomethane	109		104		70-130	5		30
Styrene	99		98		70-130	1		30
Dichlorodifluoromethane	62		60		30-146	3		30
Acetone	120		111		54-140	8		30
Carbon disulfide	84		83		59-130	1		30
2-Butanone	99		99		70-130	0		30
Vinyl acetate	121		118		70-130	3		30
4-Methyl-2-pentanone	130		118		70-130	10		30
1,2,3-Trichloropropane	97		93		68-130	4		30
2-Hexanone	116		104		70-130	11		30
Bromochloromethane	111		108		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05 Batch: WG1561691-3 WG1561691-4								
2,2-Dichloropropane	100		99		70-130	1		30
1,2-Dibromoethane	98		96		70-130	2		30
1,3-Dichloropropane	102		99		69-130	3		30
1,1,1,2-Tetrachloroethane	102		102		70-130	0		30
Bromobenzene	105		104		70-130	1		30
n-Butylbenzene	97		98		70-130	1		30
sec-Butylbenzene	98		97		70-130	1		30
tert-Butylbenzene	99		98		70-130	1		30
o-Chlorotoluene	78		78		70-130	0		30
p-Chlorotoluene	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	96		90		68-130	6		30
Hexachlorobutadiene	104		104		67-130	0		30
Isopropylbenzene	97		96		70-130	1		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	103		99		70-130	4		30
Acrylonitrile	123		117		70-130	5		30
n-Propylbenzene	96		96		70-130	0		30
1,2,3-Trichlorobenzene	104		102		70-130	2		30
1,2,4-Trichlorobenzene	105		104		70-130	1		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	97		95		70-130	2		30
1,4-Dioxane	100		90		65-136	11		30
p-Diethylbenzene	100		100		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05 Batch: WG1561691-3 WG1561691-4								
p-Ethyltoluene	97		96		70-130	1		30
1,2,4,5-Tetramethylbenzene	100		99		70-130	1		30
Ethyl ether	98		94		67-130	4		30
trans-1,4-Dichloro-2-butene	108		103		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	93		93		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1561956-3 WG1561956-4								
Methylene chloride	96		97		70-130	1		30
1,1-Dichloroethane	115		118		70-130	3		30
Chloroform	96		97		70-130	1		30
Carbon tetrachloride	100		102		70-130	2		30
1,2-Dichloropropane	119		122		70-130	2		30
Dibromochloromethane	99		101		70-130	2		30
1,1,2-Trichloroethane	94		97		70-130	3		30
Tetrachloroethene	98		98		70-130	0		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	84		84		70-139	0		30
1,2-Dichloroethane	104		109		70-130	5		30
1,1,1-Trichloroethane	99		100		70-130	1		30
Bromodichloromethane	97		100		70-130	3		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	107		109		70-130	2		30
1,1-Dichloropropene	107		108		70-130	1		30
Bromoform	97		102		70-130	5		30
1,1,2,2-Tetrachloroethane	89		93		70-130	4		30
Benzene	100		102		70-130	2		30
Toluene	92		92		70-130	0		30
Ethylbenzene	92		92		70-130	0		30
Chloromethane	102		102		52-130	0		30
Bromomethane	66		67		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1561956-3 WG1561956-4								
Vinyl chloride	87		86		67-130	1		30
Chloroethane	79		81		50-151	3		30
1,1-Dichloroethene	100		100		65-135	0		30
trans-1,2-Dichloroethene	101		102		70-130	1		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	97		99		70-130	2		30
1,3-Dichlorobenzene	98		99		70-130	1		30
1,4-Dichlorobenzene	94		95		70-130	1		30
Methyl tert butyl ether	87		90		66-130	3		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	95		96		70-130	1		30
cis-1,2-Dichloroethene	102		104		70-130	2		30
Dibromomethane	101		104		70-130	3		30
Styrene	94		95		70-130	1		30
Dichlorodifluoromethane	54		53		30-146	2		30
Acetone	124		127		54-140	2		30
Carbon disulfide	79		80		59-130	1		30
2-Butanone	94		104		70-130	10		30
Vinyl acetate	104		112		70-130	7		30
4-Methyl-2-pentanone	112		118		70-130	5		30
1,2,3-Trichloropropane	92		92		68-130	0		30
2-Hexanone	102		107		70-130	5		30
Bromochloromethane	104		106		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1561956-3 WG1561956-4								
2,2-Dichloropropane	96		97		70-130	1		30
1,2-Dibromoethane	91		93		70-130	2		30
1,3-Dichloropropane	94		97		69-130	3		30
1,1,1,2-Tetrachloroethane	96		99		70-130	3		30
Bromobenzene	101		102		70-130	1		30
n-Butylbenzene	95		95		70-130	0		30
sec-Butylbenzene	94		94		70-130	0		30
tert-Butylbenzene	95		95		70-130	0		30
o-Chlorotoluene	92		92		70-130	0		30
p-Chlorotoluene	90		91		70-130	1		30
1,2-Dibromo-3-chloropropane	82		88		68-130	7		30
Hexachlorobutadiene	99		99		67-130	0		30
Isopropylbenzene	93		94		70-130	1		30
p-Isopropyltoluene	98		98		70-130	0		30
Naphthalene	95		98		70-130	3		30
Acrylonitrile	109		116		70-130	6		30
n-Propylbenzene	93		94		70-130	1		30
1,2,3-Trichlorobenzene	100		103		70-130	3		30
1,2,4-Trichlorobenzene	105		106		70-130	1		30
1,3,5-Trimethylbenzene	93		93		70-130	0		30
1,2,4-Trimethylbenzene	94		94		70-130	0		30
1,4-Dioxane	98		102		65-136	4		30
p-Diethylbenzene	98		98		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1561956-3 WG1561956-4								
p-Ethyltoluene	94		94		70-130	0		30
1,2,4,5-Tetramethylbenzene	98		98		70-130	0		30
Ethyl ether	90		93		67-130	3		30
trans-1,4-Dichloro-2-butene	95		100		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	97		99		70-130

SEMIVOLATILES

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01
Client ID: SB3 (3-4')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY

Date Collected: 10/18/21 13:05
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/21 07:27
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/20/21 01:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	310		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01 Date Collected: 10/18/21 13:05

Client ID: SB3 (3-4') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	520		ug/kg	110	21.	1
Benzo(a)pyrene	540		ug/kg	150	45.	1
Benzo(b)fluoranthene	680		ug/kg	110	31.	1
Benzo(k)fluoranthene	250		ug/kg	110	29.	1
Chrysene	510		ug/kg	110	19.	1
Acenaphthylene	89	J	ug/kg	150	28.	1
Anthracene	140		ug/kg	110	36.	1
Benzo(ghi)perylene	460		ug/kg	150	22.	1
Fluorene	57	J	ug/kg	180	18.	1
Phenanthrene	570		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	410		ug/kg	150	26.	1
Pyrene	730		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	46	J	ug/kg	180	17.	1
2-Methylnaphthalene	260		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01 Date Collected: 10/18/21 13:05

Client ID: SB3 (3-4') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	56.	1
Carbazole	110	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02
Client ID: SB3 (5-6')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY

Date Collected: 10/18/21 13:15
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/21 08:11
Analyst: CMM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/20/21 01:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	67	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	280		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02 Date Collected: 10/18/21 13:15

Client ID: SB3 (5-6') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	39.	1
Benzo(a)anthracene	800		ug/kg	110	21.	1
Benzo(a)pyrene	770		ug/kg	150	45.	1
Benzo(b)fluoranthene	1000		ug/kg	110	31.	1
Benzo(k)fluoranthene	280		ug/kg	110	30.	1
Chrysene	760		ug/kg	110	19.	1
Acenaphthylene	91	J	ug/kg	150	28.	1
Anthracene	220		ug/kg	110	36.	1
Benzo(ghi)perylene	540		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	180	18.	1
Phenanthrene	940		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	550		ug/kg	150	26.	1
Pyrene	1100		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	66	J	ug/kg	180	17.	1
2-Methylnaphthalene	210	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02 Date Collected: 10/18/21 13:15

Client ID: SB3 (5-6') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	130	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	75		18-120

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03
Client ID: SB6 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY

Date Collected: 10/18/21 13:43
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/21 06:00
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/20/21 01:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	78	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	62	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03 Date Collected: 10/18/21 13:43

Client ID: SB6 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	840		ug/kg	110	21.	1
Benzo(a)pyrene	800		ug/kg	150	45.	1
Benzo(b)fluoranthene	1100		ug/kg	110	31.	1
Benzo(k)fluoranthene	260		ug/kg	110	29.	1
Chrysene	810		ug/kg	110	19.	1
Acenaphthylene	70	J	ug/kg	150	28.	1
Anthracene	220		ug/kg	110	36.	1
Benzo(ghi)perylene	520		ug/kg	150	22.	1
Fluorene	94	J	ug/kg	180	18.	1
Phenanthrene	990		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	150	26.	1
Pyrene	1300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	44	J	ug/kg	180	17.	1
2-Methylnaphthalene	35	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03 Date Collected: 10/18/21 13:43

Client ID: SB6 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	600	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	150	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	81		18-120

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04
Client ID: SB8 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY

Date Collected: 10/18/21 08:54
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/21 07:49
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/20/21 01:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	99	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	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1600		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	170	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	220		ug/kg	180	62.	1
Butyl benzyl phthalate	60	J	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: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04 Date Collected: 10/18/21 08:54

Client ID: SB8 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	980		ug/kg	110	20.	1
Benzo(a)pyrene	930		ug/kg	140	44.	1
Benzo(b)fluoranthene	1300		ug/kg	110	30.	1
Benzo(k)fluoranthene	340		ug/kg	110	28.	1
Chrysene	930		ug/kg	110	18.	1
Acenaphthylene	110	J	ug/kg	140	28.	1
Anthracene	310		ug/kg	110	35.	1
Benzo(ghi)perylene	650		ug/kg	140	21.	1
Fluorene	180		ug/kg	180	17.	1
Phenanthrene	1300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	210		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	660		ug/kg	140	25.	1
Pyrene	1600		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	120	J	ug/kg	180	17.	1
2-Methylnaphthalene	130	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04 Date Collected: 10/18/21 08:54

Client ID: SB8 (0-2') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	200		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	63		18-120

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05
Client ID: SB4 (2-3')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY

Date Collected: 10/18/21 14:35
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/21 06:43
Analyst: CMM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/20/21 01:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	230		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05 Date Collected: 10/18/21 14:35

Client ID: SB4 (2-3') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	39.	1
Benzo(a)anthracene	1000		ug/kg	110	21.	1
Benzo(a)pyrene	990		ug/kg	150	45.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	530		ug/kg	110	30.	1
Chrysene	960		ug/kg	110	19.	1
Acenaphthylene	96	J	ug/kg	150	28.	1
Anthracene	270		ug/kg	110	36.	1
Benzo(ghi)perylene	680		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	180	18.	1
Phenanthrene	1200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	680		ug/kg	150	26.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	67	J	ug/kg	180	17.	1
2-Methylnaphthalene	160	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 1885 ATLANTIC **Lab Number:** L2156962

Project Number: 0203563 **Report Date:** 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05 Date Collected: 10/18/21 14:35

Client ID: SB4 (2-3') Date Received: 10/18/21

Sample Location: 1885 ATLANTIC AVE., 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	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	180		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	85		18-120

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/20/21 22:21
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/19/21 05:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1561070-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	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	98	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	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/20/21 22:21
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/19/21 05:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1561070-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	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	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/20/21 22:21
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/19/21 05:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1561070-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
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	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	108		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

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 Batch: WG1561070-2 WG1561070-3								
Acenaphthene	82		93		31-137	13		50
1,2,4-Trichlorobenzene	77		86		38-107	11		50
Hexachlorobenzene	83		93		40-140	11		50
Bis(2-chloroethyl)ether	80		90		40-140	12		50
2-Chloronaphthalene	82		93		40-140	13		50
1,2-Dichlorobenzene	79		87		40-140	10		50
1,3-Dichlorobenzene	77		84		40-140	9		50
1,4-Dichlorobenzene	77		85		28-104	10		50
3,3'-Dichlorobenzidine	75		78		40-140	4		50
2,4-Dinitrotoluene	85		95		40-132	11		50
2,6-Dinitrotoluene	88		98		40-140	11		50
Fluoranthene	86		94		40-140	9		50
4-Chlorophenyl phenyl ether	81		91		40-140	12		50
4-Bromophenyl phenyl ether	81		92		40-140	13		50
Bis(2-chloroisopropyl)ether	90		100		40-140	11		50
Bis(2-chloroethoxy)methane	86		96		40-117	11		50
Hexachlorobutadiene	77		88		40-140	13		50
Hexachlorocyclopentadiene	71		81		40-140	13		50
Hexachloroethane	81		90		40-140	11		50
Isophorone	89		100		40-140	12		50
Naphthalene	81		90		40-140	11		50
Nitrobenzene	87		97		40-140	11		50
NDPA/DPA	86		96		36-157	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

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 Batch: WG1561070-2 WG1561070-3								
n-Nitrosodi-n-propylamine	89		99		32-121	11		50
Bis(2-ethylhexyl)phthalate	101		109		40-140	8		50
Butyl benzyl phthalate	97		108		40-140	11		50
Di-n-butylphthalate	96		106		40-140	10		50
Di-n-octylphthalate	98		108		40-140	10		50
Diethyl phthalate	88		96		40-140	9		50
Dimethyl phthalate	87		98		40-140	12		50
Benzo(a)anthracene	86		93		40-140	8		50
Benzo(a)pyrene	77		84		40-140	9		50
Benzo(b)fluoranthene	82		100		40-140	20		50
Benzo(k)fluoranthene	88		83		40-140	6		50
Chrysene	80		88		40-140	10		50
Acenaphthylene	81		93		40-140	14		50
Anthracene	83		92		40-140	10		50
Benzo(ghi)perylene	83		90		40-140	8		50
Fluorene	86		95		40-140	10		50
Phenanthrene	82		90		40-140	9		50
Dibenzo(a,h)anthracene	88		96		40-140	9		50
Indeno(1,2,3-cd)pyrene	82		88		40-140	7		50
Pyrene	84		94		35-142	11		50
Biphenyl	81		92		37-127	13		50
4-Chloroaniline	77		85		40-140	10		50
2-Nitroaniline	89		100		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

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 Batch: WG1561070-2 WG1561070-3								
3-Nitroaniline	69		76		26-129	10		50
4-Nitroaniline	80		90		41-125	12		50
Dibenzofuran	83		92		40-140	10		50
2-Methylnaphthalene	78		90		40-140	14		50
1,2,4,5-Tetrachlorobenzene	82		94		40-117	14		50
Acetophenone	84		92		14-144	9		50
2,4,6-Trichlorophenol	85		96		30-130	12		50
p-Chloro-m-cresol	92		**104**	Q	26-103	12		50
2-Chlorophenol	85		94		25-102	10		50
2,4-Dichlorophenol	89		101		30-130	13		50
2,4-Dimethylphenol	93		102		30-130	9		50
2-Nitrophenol	86		95		30-130	10		50
4-Nitrophenol	90		100		11-114	11		50
2,4-Dinitrophenol	57		64		4-130	12		50
4,6-Dinitro-o-cresol	88		99		10-130	12		50
Pentachlorophenol	79		91		17-109	14		50
Phenol	**91**	Q	**101**	Q	26-90	10		50
2-Methylphenol	91		101		30-130.	10		50
3-Methylphenol/4-Methylphenol	96		106		30-130	10		50
2,4,5-Trichlorophenol	90		102		30-130	13		50
Benzoic Acid	**6**	Q	**8**	Q	10-110	26		50
Benzyl Alcohol	92		104		40-140	12		50
Carbazole	85		94		54-128	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

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 Batch: WG1561070-2 WG1561070-3								
1,4-Dioxane	60		62		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		97		25-120
Phenol-d6	94		104		10-120
Nitrobenzene-d5	91		99		23-120
2-Fluorobiphenyl	84		93		30-120
2,4,6-Tribromophenol	85		94		10-136
4-Terphenyl-d14	93		103		18-120

METALS

Project Name: 1885 ATLANTIC
Lab Number: L2156962
Project Number: 0203563
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01
Client ID: SB3 (3-4')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 13:05
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4320		mg/kg	8.62	2.33	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Antimony, Total	1.08	J	mg/kg	4.31	0.327	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Arsenic, Total	3.27		mg/kg	0.862	0.179	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Barium, Total	132		mg/kg	0.862	0.150	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Beryllium, Total	0.215	J	mg/kg	0.431	0.028	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Cadmium, Total	1.33		mg/kg	0.862	0.084	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Calcium, Total	3840		mg/kg	8.62	3.02	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Chromium, Total	11.4		mg/kg	0.862	0.083	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Cobalt, Total	6.01		mg/kg	1.72	0.143	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Copper, Total	70.8		mg/kg	0.862	0.222	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Iron, Total	18600		mg/kg	4.31	0.778	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Lead, Total	426		mg/kg	4.31	0.231	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Magnesium, Total	1660		mg/kg	8.62	1.33	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Manganese, Total	226		mg/kg	0.862	0.137	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Mercury, Total	0.389		mg/kg	0.080	0.052	1	10/19/21 23:45	10/20/21 15:18	EPA 7471B	1,7471B	AC
Nickel, Total	12.4		mg/kg	2.15	0.208	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Potassium, Total	544		mg/kg	215	12.4	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.72	0.222	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.862	0.244	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Sodium, Total	329		mg/kg	172	2.71	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.72	0.271	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Vanadium, Total	27.2		mg/kg	0.862	0.175	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL
Zinc, Total	234		mg/kg	4.31	0.252	2	10/19/21 22:57	10/20/21 17:57	EPA 3050B	1,6010D	DL

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02
Client ID: SB3 (5-6')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 13:15
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4740		mg/kg	8.81	2.38	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Antimony, Total	1.17	J	mg/kg	4.40	0.335	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Arsenic, Total	6.18		mg/kg	0.881	0.183	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Barium, Total	110		mg/kg	0.881	0.153	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Beryllium, Total	0.203	J	mg/kg	0.440	0.029	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Cadmium, Total	1.64		mg/kg	0.881	0.086	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Calcium, Total	16500		mg/kg	8.81	3.08	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Chromium, Total	14.1		mg/kg	0.881	0.085	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Cobalt, Total	5.13		mg/kg	1.76	0.146	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Copper, Total	75.1		mg/kg	0.881	0.227	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Iron, Total	19900		mg/kg	4.40	0.796	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Lead, Total	330		mg/kg	4.40	0.236	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Magnesium, Total	2500		mg/kg	8.81	1.36	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Manganese, Total	239		mg/kg	0.881	0.140	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Mercury, Total	0.366		mg/kg	0.095	0.062	1	10/19/21 23:45	10/20/21 15:21	EPA 7471B	1,7471B	AC
Nickel, Total	11.8		mg/kg	2.20	0.213	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Potassium, Total	784		mg/kg	220	12.7	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.76	0.227	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.881	0.249	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Sodium, Total	530		mg/kg	176	2.78	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.76	0.278	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Vanadium, Total	19.7		mg/kg	0.881	0.179	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL
Zinc, Total	282		mg/kg	4.40	0.258	2	10/19/21 22:57	10/20/21 18:01	EPA 3050B	1,6010D	DL

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03
Client ID: SB6 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 13:43
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4300		mg/kg	8.62	2.33	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Antimony, Total	0.621	J	mg/kg	4.31	0.328	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Arsenic, Total	2.81		mg/kg	0.862	0.179	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Barium, Total	39.6		mg/kg	0.862	0.150	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Beryllium, Total	0.259	J	mg/kg	0.431	0.028	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Cadmium, Total	0.595	J	mg/kg	0.862	0.085	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Calcium, Total	3360		mg/kg	8.62	3.02	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Chromium, Total	10.6		mg/kg	0.862	0.083	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Cobalt, Total	5.25		mg/kg	1.72	0.143	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Copper, Total	18.0		mg/kg	0.862	0.222	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Iron, Total	17100		mg/kg	4.31	0.778	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Lead, Total	48.8		mg/kg	4.31	0.231	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Magnesium, Total	2070		mg/kg	8.62	1.33	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Manganese, Total	347		mg/kg	0.862	0.137	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Mercury, Total	0.084	J	mg/kg	0.085	0.056	1	10/19/21 23:45	10/20/21 15:31	EPA 7471B	1,7471B	AC
Nickel, Total	8.34		mg/kg	2.16	0.209	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Potassium, Total	579		mg/kg	216	12.4	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.72	0.222	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.862	0.244	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Sodium, Total	224		mg/kg	172	2.72	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.72	0.272	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Vanadium, Total	24.6		mg/kg	0.862	0.175	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL
Zinc, Total	89.2		mg/kg	4.31	0.252	2	10/19/21 22:57	10/20/21 18:06	EPA 3050B	1,6010D	DL

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04
Client ID: SB8 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 08:54
Date Received: 10/18/21
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	4500		mg/kg	8.49	2.29	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Antimony, Total	1.54	J	mg/kg	4.25	0.323	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Arsenic, Total	4.74		mg/kg	0.849	0.177	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Barium, Total	198		mg/kg	0.849	0.148	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Beryllium, Total	0.221	J	mg/kg	0.425	0.028	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Cadmium, Total	1.54		mg/kg	0.849	0.083	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Calcium, Total	4990		mg/kg	8.49	2.97	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Chromium, Total	14.5		mg/kg	0.849	0.082	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Cobalt, Total	4.68		mg/kg	1.70	0.141	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Copper, Total	58.0		mg/kg	0.849	0.219	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Iron, Total	18000		mg/kg	4.25	0.767	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Lead, Total	1140		mg/kg	4.25	0.228	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Magnesium, Total	1810		mg/kg	8.49	1.31	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Manganese, Total	187		mg/kg	0.849	0.135	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Mercury, Total	0.631		mg/kg	0.086	0.056	1	10/19/21 23:45	10/20/21 15:34	EPA 7471B	1,7471B	AC
Nickel, Total	18.5		mg/kg	2.12	0.206	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Potassium, Total	594		mg/kg	212	12.2	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.70	0.219	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.849	0.240	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Sodium, Total	143	J	mg/kg	170	2.68	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.70	0.268	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Vanadium, Total	18.5		mg/kg	0.849	0.172	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL
Zinc, Total	624		mg/kg	4.25	0.249	2	10/19/21 22:57	10/20/21 18:10	EPA 3050B	1,6010D	DL

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05
Client ID: SB4 (2-3')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Date Collected: 10/18/21 14:35
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4940		mg/kg	8.91	2.41	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Antimony, Total	2.98	J	mg/kg	4.46	0.339	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Arsenic, Total	10.8		mg/kg	0.891	0.185	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Barium, Total	217		mg/kg	0.891	0.155	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Beryllium, Total	0.258	J	mg/kg	0.446	0.029	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Cadmium, Total	1.53		mg/kg	0.891	0.087	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Calcium, Total	9050		mg/kg	8.91	3.12	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Chromium, Total	16.1		mg/kg	0.891	0.086	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Cobalt, Total	6.98		mg/kg	1.78	0.148	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Copper, Total	49.5		mg/kg	0.891	0.230	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Iron, Total	35400		mg/kg	4.46	0.805	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Lead, Total	741		mg/kg	4.46	0.239	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Magnesium, Total	2260		mg/kg	8.91	1.37	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Manganese, Total	356		mg/kg	0.891	0.142	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Mercury, Total	0.673		mg/kg	0.084	0.055	1	10/19/21 23:45	10/20/21 15:37	EPA 7471B	1,7471B	AC
Nickel, Total	13.1		mg/kg	2.23	0.216	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Potassium, Total	494		mg/kg	223	12.8	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.78	0.230	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.891	0.252	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Sodium, Total	295		mg/kg	178	2.81	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.78	0.281	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Vanadium, Total	20.5		mg/kg	0.891	0.181	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL
Zinc, Total	329		mg/kg	4.46	0.261	2	10/19/21 22:57	10/20/21 18:14	EPA 3050B	1,6010D	DL

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

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): 01-05 Batch: WG1560457-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Barium, Total	ND		mg/kg	0.400	0.070	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Copper, Total	ND		mg/kg	0.400	0.103	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Iron, Total	ND		mg/kg	2.00	0.361	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Lead, Total	ND		mg/kg	2.00	0.107	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Potassium, Total	ND		mg/kg	100	5.76	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Silver, Total	ND		mg/kg	0.400	0.113	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/19/21 22:57	10/20/21 14:43	1,6010D	DL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1560460-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/19/21 23:45	10/20/21 14:12	1,7471B	AC

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1560457-2 SRM Lot Number: D109-540								
Aluminum, Total	74		-		50-150	-		
Antimony, Total	122		-		19-250	-		
Arsenic, Total	101		-		70-130	-		
Barium, Total	95		-		75-125	-		
Beryllium, Total	95		-		75-125	-		
Cadmium, Total	94		-		75-125	-		
Calcium, Total	90		-		73-128	-		
Chromium, Total	94		-		70-130	-		
Cobalt, Total	95		-		75-125	-		
Copper, Total	100		-		75-125	-		
Iron, Total	97		-		35-165	-		
Lead, Total	95		-		72-128	-		
Magnesium, Total	86		-		62-138	-		
Manganese, Total	90		-		74-126	-		
Nickel, Total	94		-		70-130	-		
Potassium, Total	84		-		59-141	-		
Selenium, Total	97		-		68-132	-		
Silver, Total	96		-		68-131	-		
Sodium, Total	96		-		35-165	-		
Thallium, Total	94		-		68-131	-		
Vanadium, Total	90		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1560457-2 SRM Lot Number: D109-540					
Zinc, Total	96	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1560460-2 SRM Lot Number: D109-540					
Mercury, Total	102	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

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): 01-05 QC Batch ID: WG1560457-3 WG1560457-4 QC Sample: L2156919-04 Client ID: MS Sample												
Aluminum, Total	6540	173	6020	**0**	Q	5930	**0**	Q	75-125	2		20
Antimony, Total	20.6	43.3	58.3	87		54.4	78		75-125	7		20
Arsenic, Total	19.2	10.4	31.9	122		28.3	87		75-125	12		20
Barium, Total	391	173	632	**139**	Q	586	112		75-125	8		20
Beryllium, Total	0.237J	4.33	3.64	84		3.75	86		75-125	3		20
Cadmium, Total	12.4	4.59	17.4	109		15.4	**65**	Q	75-125	12		20
Calcium, Total	34200	866	37100	**335**	Q	30800	**0**	Q	75-125	19		20
Chromium, Total	71.0	17.3	93.3	**129**	Q	82.8	**68**	Q	75-125	12		20
Cobalt, Total	13.0	43.3	46.5	77		45.9	76		75-125	1		20
Copper, Total	1180	21.6	2240	**4900**	Q	846	**0**	Q	75-125	**90**	Q	20
Iron, Total	82200	86.6	110000	**32100**	Q	92000	**11200**	Q	75-125	18		20
Lead, Total	1040	45.9	1120	**174**	Q	899	**0**	Q	75-125	**22**	Q	20
Magnesium, Total	11100	866	10400	**0**	Q	7240	**0**	Q	75-125	**36**	Q	20
Manganese, Total	495	43.3	499	**9**	Q	468	**0**	Q	75-125	6		20
Nickel, Total	54.1	43.3	87.2	76		89.6	82		75-125	3		20
Potassium, Total	559	866	1330	89		1330	88		75-125	0		20
Selenium, Total	ND	10.4	6.84	**66**	Q	6.71	**64**	Q	75-125	2		20
Silver, Total	1.13	26	26.1	96		26.8	98		75-125	3		20
Sodium, Total	330	866	1190	99		1100	88		75-125	8		20
Thallium, Total	ND	10.4	7.64	**74**	Q	7.87	75		75-125	3		20
Vanadium, Total	34.3	43.3	68.4	79		64.9	**70**	Q	75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

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): 01-05 QC Batch ID: WG1560457-3 WG1560457-4 QC Sample: L2156919-04 Client ID: MS Sample											
Zinc, Total	1300	43.3	1260	**0**	Q	1220	**0**	Q	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1560460-3 WG1560460-4 QC Sample: L2156919-04 Client ID: MS Sample											
Mercury, Total	0.370	0.164	0.387	**10**	Q	0.441	**40**	Q	80-120	13	20

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2156962
Report Date: 10/22/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1560457-6 QC Sample: L2156919-04 Client ID: DUP Sample						
Vanadium, Total	34.3	38.2	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-01
Client ID: SB3 (3-4')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/18/21 13:05
Date Received: 10/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	10/19/21 10:51	121,2540G	RI

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-02
Client ID: SB3 (5-6')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/18/21 13:15
Date Received: 10/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	10/19/21 10:51	121,2540G	RI

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-03
Client ID: SB6 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/18/21 13:43
Date Received: 10/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	10/19/21 10:51	121,2540G	RI

Project Name: 1885 ATLANTIC
Project Number: 0203563
Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-04
Client ID: SB8 (0-2')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/18/21 08:54
Date Received: 10/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	10/19/21 10:51	121,2540G	RI

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

SAMPLE RESULTS

Lab ID: L2156962-05
Client ID: SB4 (2-3')
Sample Location: 1885 ATLANTIC AVE., BROOKLYN, NY

Date Collected: 10/18/21 14:35
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	10/19/21 10:51	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1885 ATLANTIC

Project Number: 0203563

Lab Number: L2156962

Report Date: 10/22/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1560300-1 QC Sample: L2156919-04 Client ID: DUP Sample						
Solids, Total	87.2	87.5	%	0		20

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

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(*)
L2156962-01A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2156962-01B	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-01C	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2156962-01E	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14)
L2156962-01F	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2156962-02A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2156962-02B	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-02C	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2156962-02E	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14)
L2156962-02F	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2156962-03A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2156962-03B	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-03C	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 1885 ATLANTIC
Project Number: 0203563

Lab Number: L2156962
Report Date: 10/22/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2156962-03E	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14)
L2156962-03F	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2156962-04A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2156962-04B	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-04C	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2156962-04E	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14)
L2156962-04F	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2156962-05A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2156962-05B	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-05C	Vial water preserved	A	NA		4.7	Y	Absent	19-OCT-21 07:00	NYTCL-8260HLW(14)
L2156962-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2156962-05E	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14)
L2156962-05F	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156962
Project Number:	0203563	**Report Date:**	10/22/21

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156962
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Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1885 ATLANTIC	**Lab Number:**	L2156962
Project Number:	0203563	**Report Date:**	10/22/21

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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 10/19/21

ALPHA Job #: L2157962

Client Information

Client: Haley and Aldrich of New York
Address: 237 West 35th Street, floor 16
New York, NY 10123
Phone:
Fax:
Email: MCondon@haleyaldrich.com

Project Information

Project Name: 1885 Atlantic
Project Location: 1885 Atlantic Ave. Brooklyn, NY
Project #: 0203563
(Use Project name as Project #) ☐
Project Manager: Mari Cate Condon
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 Excel + PDF

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SVOCs (8270D)	Total Metals	VOCs						Sample Specific Comments	Total Bottle
L2157962-01	SB3 (3-4')	10/18/21	13:05	Soil	YL										
-02	SB3 (5-6')	10/18/21	13:15	Soil	YL										
-03	SB6 (0-2')	10/18/21	13:43	Soil	YL										
-04	SB8 (0-2')	10/18/21	08:54	Soil	YL										
-05	SB4 (2-3')	10/18/21	14:35	Soil	YL										
Container Type						A	A	V							
Preservative						A	A	F							

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

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
Yanjia Lin	10/18/21 10:09		10/18/21 16:09
	10/18/21 19:10		10/18/21 20:30
	10/19/21 0205		10/19/21 02:05

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 & CONSTITUTIONS. (See reverse side.)

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