16 November 2021
File No. 0203563-001-01

Via Electronic Mail

210 Greenpoint 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: 210 Greenpoint Avenue Limited Phase II Environmental Site Investigation Report
Speedway #7821
210 Greenpoint Avenue
Brooklyn, New York

Dear Mr. Jacob and Joel Kohn:

As requested, Haley & Aldrich of New York (Haley & Aldrich), is providing this letter to 210 Greenpoint Realty LLC summarizing the results of the Limited Phase II Environmental Site Investigation (ESI) completed at 210 Greenpoint Avenue, Brooklyn, NY, Speedway #7821, between 01 and 02 November 2021.

BACKGROUND

The Site, identified as Block 2576 Lot 30 on the New York City tax map in a residential R7-A and R6B with a commercial C2-4 overlay zoning area, is currently occupied by an active retail petroleum station operated by Speedway LLC. The Site is approximately 13,675 square feet (sf) in size and partially developed with an overhead canopy and a one-story structure that encompasses approximately 840 sf. Greenpoint Avenue adjoins the Site to the north followed by a mixed-use commercial/residential buildings, occupied by "Kimchee Market" and "Pueblo Querido" on the street level; the intersection of Greenpoint Avenue and McGuinness Boulevard adjoins the Site to the northeast, followed by a portion of a gasoline service station, occupied by "BP" and the NYC Fire Department, Engine Company 238 public facility; McGuinness Boulevard adjoins the Site to the west, followed by a "Key Food" supermarket; and mid-rise residential properties adjoin the Site to the west. The Site is located within an urban area characterized by mixed-use commercial and residential buildings.

The Site is listed with an environmental E-Designation under the E-287 – 209-231 McGuinness Boulevard Rezoning Action (CEQR 10DCP024K). The requirements under the E-Designation program are satisfaction of the requirements for Hazardous Material, Noise and Air components with the New York City Office of Environmental Remediation (NYCOER). The Air requirement for this E-Designation is to exclusively use natural gas with the stack location 65 feet from the lot line facing Calyer Street at a height of 3 feet above roof level (73 feet high). The Noise requirement 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 33 dB(A) window/wall attenuation on all building's east, north and south facades 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 NYCOER 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, the Site was developed in the 1800s and occupied by commercial, residential, and vacant properties. By the early 1940s, the majority of the Site began operating as an auto repair garage and auto sales shop. By the late 1970s, an overhead canopy was developed on a portion of the Site. Development at the Site has not changed since the late 1970s, and operations have remained generally consistent (i.e., auto operations) since this time. The Site currently operates as a gasoline filling station. Historic operations conducted at the Site included the following: auto repair; auto sales; gasoline filling station; and, gasoline 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 1993. 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. Investigative activities to determine the nature and extent of petroleum contamination at the Site were performed between 1994 and 2006; spill cases associated with the Site have been subsequently closed by NYSDEC as of 2007. There are currently no active spill cases associated with the Site. All spill cases that have been assigned to the Site have achieved regulatory closure through the NYSDEC.

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

Between 01 and 02 November 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 foot below grade surface (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: B-1 to 4.0 ft bgs; B-2 to 2.0 ft bgs; B-3 to 1.0 ft bgs; B-4 to 2.0 ft bgs; B-5 to 5.5 ft bgs; B-6 to 4.5 ft bgs; B-7 to 0.5 ft bgs; and, B-8 to 0.5 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 in close proximity to the adjacent to the on-site tanks and petroleum dispensers, respectively.

Urban fill, generally consisting of dark brown to black medium-grained silty sand with varying amounts of gravel, concrete, wood fragments and brick throughout, was observed from the surface grade to the boring terminus (0.5 to 5.5 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 B-1, B-3, B-5 and B-6, no visual and/or olfactory evidence of contamination was observed and PID readings did not exceed 0.0 parts per million (ppm). Elevated PID readings above background levels and petroleum-like odors were encountered at the 0 to 4 ft bgs interval (boring terminus) at B-1, with a maximum detection of 399 ppm; and, at the 4.0 to 4.5 ft bgs interval (boring terminus) at B-6, with a maximum detection of 136 ppm. Petroleum-like odors and PID readings above background levels were encountered at B-3 at the 0 to 1 ft bgs interval (boring terminus); and, B-5 at the 0.5 to 2.5 ft bgs interval. Soil borings logs are included in Attachment A. Groundwater was not encountered during the investigation; however, it is anticipated at approximately 7 to 10 ft bgs.

Subsurface media encountered at B-3, B-7 and B-8 consisted of pea gravel/fill material with little to no soil/ fines present. The amount of soil/fines observed was insufficient for soil sampling, therefore soil samples were not collected at these three boring locations. One soil sample was collected from each of the other five soil borings. Soil samples were analyzed for 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 Figures 2 and 3, 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.

Six SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), were identified at concentrations above the UUSCOs and RRSCOs in soil samples from the surface down to 4.5 ft bgs (the maximum depth reached during this investigation). This includes benzo(a)anthracene [maximum concentration 3.1 milligrams per kilogram (mg/kg) in B-5 from 0-1.5'], benzo(a)pyrene (maximum concentration 2.5 mg/kg in B-6 from 4-4.5'), benzo(b)fluoranthene (maximum detection 3.2 mg/kg in B-5 from 0-1.5'),

dibenzo(a,h)anthracene (maximum detection 0.65 mg/kg in B-6 from 4-4.5'), and indeno(1,2,3-cd)pyrene (maximum concentration 1.7 mg/kg in B-5 from 0-1.5'), which were detected at concentrations exceeding the UUSCOs and RRSCOs in four of the five soil samples collected. Chrysene was detected in one soil sample, B-6 (4-4.5'), at a concentration above the UUSCO and RRSCO (4.3 mg/kg), and in three soil samples, B-5 (0-1.5'), B-1 (1.5-2') and B-2 (0-1'), at concentrations above the UUSCOs. Benzo(k)fluoranthene was also detected at concentrations above the UUSCOs in four soils samples, B-5 (0-1.5'), B-6 (4-4.5'), B-1 (1.5-2') and B-2 (0-1'), with a maximum detection of 0.95 mg/kg in B-1 (1.5-2'). No other SVOCs were detected in soil samples at concentrations exceeding the applicable soil cleanup objectives.

Total lead was detected above the RRSCOs in one soil sample, B-5 (0-1.5') at a concentration of 522 mg/kg; and above the UUSCOs in the remaining four soil samples analyzed. Total mercury concentrations were detected above the RRSCOs in two soil samples, B-5 (0-1.5') and B-1 (1.5-2'), at concentrations of 0.811 mg/kg and 0.92 mg/kg, respectively. Total mercury concentrations were also detected above UUSCOs in three soil samples. Total zinc concentrations were detected above the UUSCOs in three soil samples [B-5 (0-1.5',)B-6 (4-4.5'), B-1 (1.5-2') and B-2 (0-1')] at a maximum concentration of 273 mg/kg. 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 909.71 micrograms per cubic meter ($\mu g/m^3$) in sample SV-1 to 226,600 $\mu g/m^3$ in sample SV-2. Total benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations ranged from non-detect in SV-2 to 190.7 $\mu g/m^3$ in SV-1.

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. Tetrachloroethene (PCE) was detected in soil vapor sample SV-1 at a concentration of 51.1 $\mu g/m^3$, above the AGV of 30 $\mu g/m^3$. No other VOCs exceeded the NYSDOH AGVs.

The soil vapor sample results were also evaluated using the NYSDOH Decision Matrices A, B and C (updated May 2017) as referenced in the 2006 NYSDOH Soil Vapor Intrusion Guidance document. The Decision Matrices present recommended actions based on the concentrations of 1,1-dichloroethene, 1,1,1-trichloroethane, cis-1,2-dichloroethene (DCE), carbon tetrachloride, methylene chloride, TCE, 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. Based on the soil vapor concentrations of PCE in SV-1, the NYSDOH Decision Matrix actions range from "no further action" to "identify source(s), resample or mitigate" depending on indoor air concentrations.

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 highly diluted in the laboratory 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 operated 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, down to the 4.5 ft bgs, the maximum depth reached during this investigation. Soil vapor identified PCE above the NYSDOH AGV in one soil vapor sample. Based on the detected concentrations of PCE in soil vapor samples, the NYSDOH Decision Matrix actions range from "no further action" to "mitigate" or "identify source(s), resample". In addition, high 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.

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

Sincerely,

Haley & Aldrich of New York

James M. Bellew
Senior Associate

Mari C. Conlon, P.G.
Project Manager

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

FIGURES

LEGEND

- BLOCK 2576 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 13 OCTOBER 2021.
2. ALL DRILLING AND INTRUSIVE WORK WAS CONDUCTED IN ACCORDANCE WITH THE "ENVIRONMENTAL PRE-CLEARING AND DRILLING STANDARD" PROVIDED BY SPEEDWAY, DATED 07 JULY 2021.
3. SEE APPENDED GPR REPORT FOR UTILITY LOCATIONS.

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 30 60
SCALE IN FEET

HALEY ALDRICH

LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION
SPEEDWAY #7821
210 GREENPOINT AVENUE
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

NOVEMBER 2021

FIGURE 1

GIS: C:\Users\khensen\OneDrive - haleyaldrich.com\Desktop\KH_LOCAL\Phase_II\Former_Speedway_#7821\GIS\Maps\2021_09\000000_000_0002_SITE_PLAN.mxd - khensen - 9/8/2021 3:59:23 PM

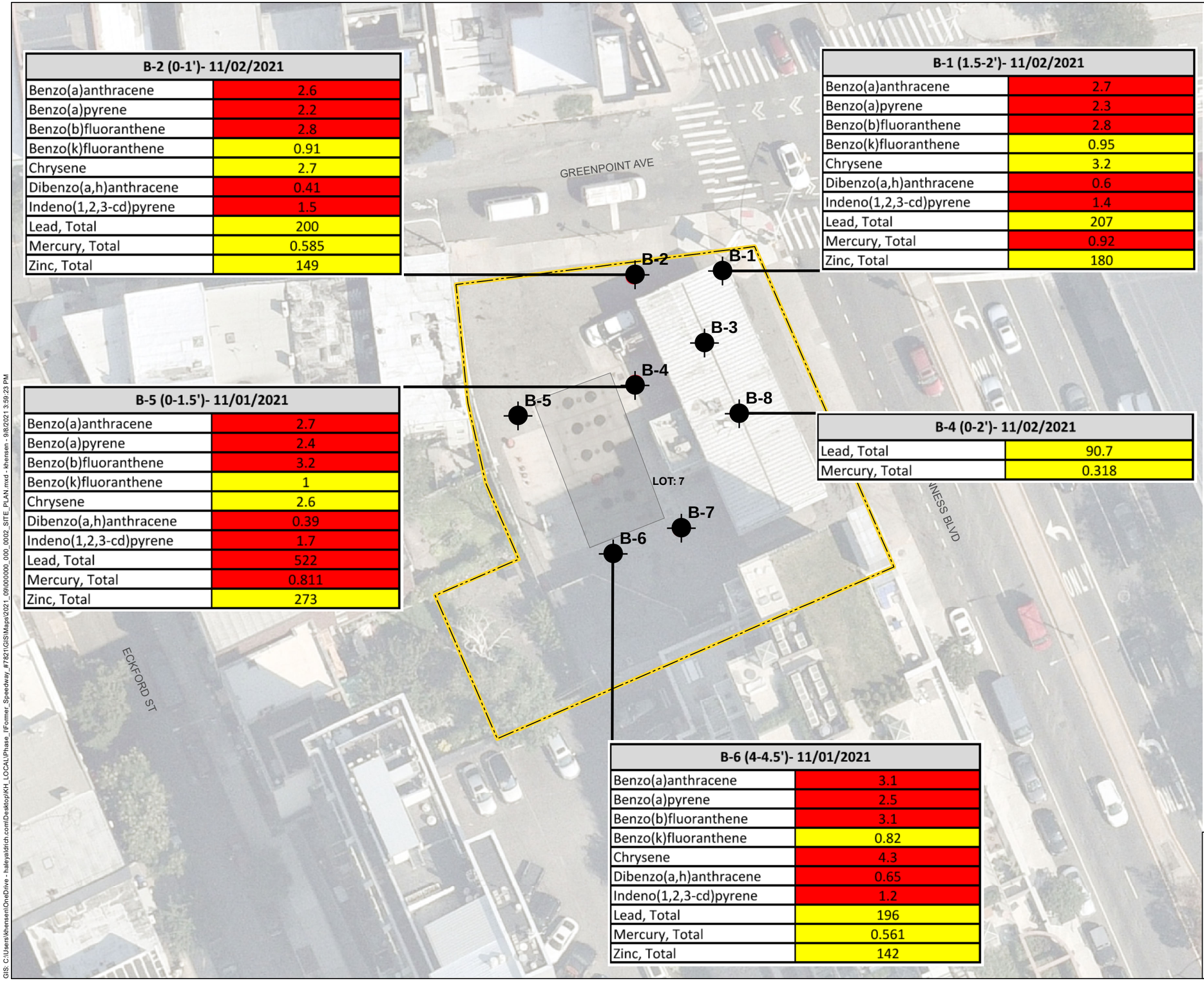
B-2 (0-1')- 11/02/2021	
Benzo(a)anthracene	2.6
Benzo(a)pyrene	2.2
Benzo(b)fluoranthene	2.8
Benzo(k)fluoranthene	0.91
Chrysene	2.7
Dibenzo(a,h)anthracene	0.41
Indeno(1,2,3-cd)pyrene	1.5
Lead, Total	200
Mercury, Total	0.585
Zinc, Total	149

B-1 (1.5-2')- 11/02/2021	
Benzo(a)anthracene	2.7
Benzo(a)pyrene	2.3
Benzo(b)fluoranthene	2.8
Benzo(k)fluoranthene	0.95
Chrysene	3.2
Dibenzo(a,h)anthracene	0.6
Indeno(1,2,3-cd)pyrene	1.4
Lead, Total	207
Mercury, Total	0.92
Zinc, Total	180

B-5 (0-1.5')- 11/01/2021	
Benzo(a)anthracene	2.7
Benzo(a)pyrene	2.4
Benzo(b)fluoranthene	3.2
Benzo(k)fluoranthene	1
Chrysene	2.6
Dibenzo(a,h)anthracene	0.39
Indeno(1,2,3-cd)pyrene	1.7
Lead, Total	522
Mercury, Total	0.811
Zinc, Total	273

B-4 (0-2')- 11/02/2021	
Lead, Total	90.7
Mercury, Total	0.318

B-6 (4-4.5')- 11/01/2021	
Benzo(a)anthracene	3.1
Benzo(a)pyrene	2.5
Benzo(b)fluoranthene	3.1
Benzo(k)fluoranthene	0.82
Chrysene	4.3
Dibenzo(a,h)anthracene	0.65
Indeno(1,2,3-cd)pyrene	1.2
Lead, Total	196
Mercury, Total	0.561
Zinc, Total	142



LEGEND

- BLOCK 2576 SITE BOUNDARY
- APPROXIMATE LOCATION OF UNDERGROUND STORAGE TANKS
- SOIL BORING AND SOIL 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(a)pyrene	mg/kg	1	1
Benzo(b)fluoranthene	mg/kg	1	1
Benzo(k)fluoranthene	mg/kg	3.9	0.8
Chrysene	mg/kg	3.9	1
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5
Lead, Total	mg/kg	400	63
Mercury, Total	mg/kg	0.81	0.18
Zinc, Total	mg/kg	10000	109

SPEEDWAY SPECIFIC NOTES

1. GPR SURVEY PERFORMED BY GPRS, INC. ON 13 OCTOBER 2021.

2. ALL DRILLING AND INTRUSIVE WORK WAS CONDUCTED IN ACCORDANCE WITH THE "ENVIRONMENTAL PRE-CLEARING AND DRILLING STANDARD" PROVIDED BY SPEEDWAY, DATED 07 JULY 2021.

3. SEE APPENDED GPR REPORT FOR UTILITY LOCATIONS.

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 30 60

SCALE IN FEET

HALEY ALDRICH

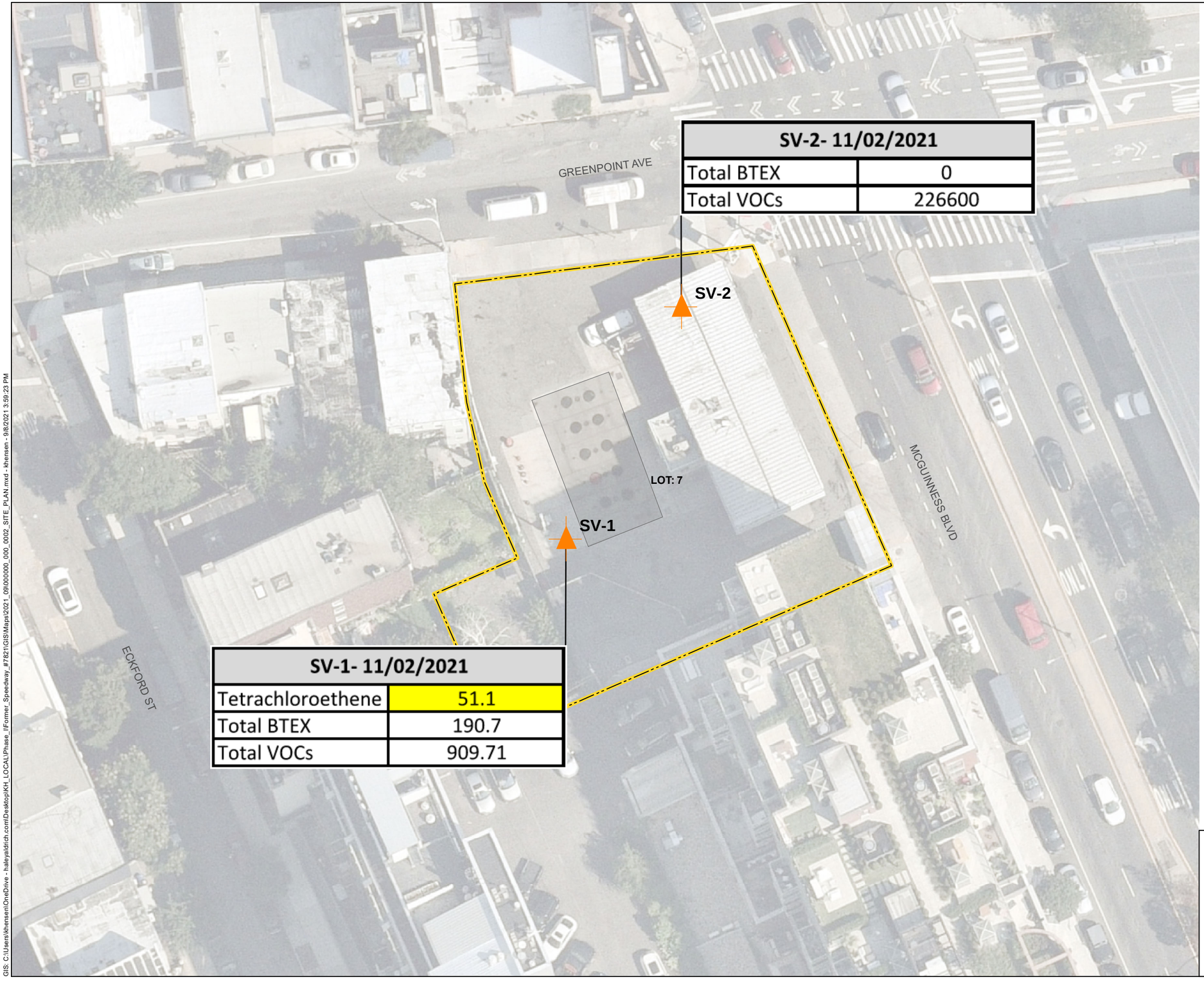
LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION
SPEEDWAY #7821
210 GREENPOINT AVENUE
BROOKLYN, NEW YORK

SOIL CHEMISTRY MAP

NOVEMBER 2021

FIGURE 2

GIS: C:\Users\khensen\OneDrive - haleyaldrich.com\Desktop\KH_LOCAL\Phase_II\Former_Speedway_#7821\GIS\Maps\2021_09\000000_000_0002_SITE_PLAN.mxd - khensen - 9/8/2021 3:59:23 PM



LEGEND

- BLOCK 2576 SITE BOUNDARY
- APPROXIMATE LOCATION OF UNDERGROUND STORAGE TANKS
- SOIL VAPOR SAMPLE LOCATION

New York DOH Air Guidance Values Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017		
Analyte	**Units**	**NYSDOH AGV**
Tetrachloroethene	ug/m^3	30

SPEEDWAY SPECIFIC NOTES

1. GPR SURVEY PERFORMED BY GPRS, INC. ON 13 OCTOBER 2021.
2. ALL DRILLING AND INTRUSIVE WORK WAS CONDUCTED IN ACCORDANCE WITH THE "ENVIRONMENTAL PRE-CLEARING AND DRILLING STANDARD" PROVIDED BY SPEEDWAY, DATED 07 JULY 2021.
3. SEE APPENDED GPR REPORT FOR UTILITY LOCATIONS.

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 12 AUGUST 2021
4. TOTAL CONCENTRATION OF BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES (TOTAL BTEX)
5. CONCENTRATIONS DISPLAYED IN ug/m3

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION
SPEEDWAY #7821
210 GREENPOINT AVENUE
BROOKLYN, NEW YORK

SOIL VAPOR CHEMISTRY MAP

NOVEMBER 2021

FIGURE 3

GIS: C:\Users\khensen\OneDrive - haleyaldrich.com\Desktop\KH_LOCAL\Phase_II\Former_Speedway_#7821\GIS\Maps\2021_09\000000_000_0002_SITE_PLAN.mxd - khensen - 9/8/2021 3:59:23 PM

TABLES

Table 1. Soil Analytical Results
210 Greenpoint Avenue Redevelopment - Speedway #7821
210 Greenpoint Avenue, Brooklyn, NY

					LOCATION:	B-5 (0-1.5')		B-6 (4-4.5')		B-1 (1.5-2')		B-2 (0-1')		B-4 (0-2')	
					SAMPLING DATE:	11/1/2021		11/1/2021		11/2/2021		11/2/2021		11/2/2021	
					LAB SAMPLE ID:	L2159794-01		L2159794-02		L2160070-01		L2160070-02		L2160070-03	
					SAMPLE TYPE:	SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESC	NY-RESGW	NY-RESRR	NY-UNRES	Units	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	0.0061	U	0.33	U	0.32	U	0.0059	U	0.0053	U
1,1-Dichloroethane	240	0.27	26	0.27	mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
Chloroform	350	0.37	49	0.37	mg/kg	0.0018	U	0.1	U	0.095	U	0.0018	U	0.0016	U
Carbon tetrachloride	22	0.76	2.4	0.76	mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
1,2-Dichloropropane					mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
Dibromochloromethane					mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
1,1,2-Trichloroethane					mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
Tetrachloroethene	150	1.3	19	1.3	mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
Chlorobenzene	500	1.1	100	1.1	mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
Trichlorofluoromethane					mg/kg	0.0048	U	0.27	U	0.25	U	0.0047	U	0.0043	U
1,2-Dichloroethane	30	0.02	3.1	0.02	mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
1,1,1-Trichloroethane	500	0.68	100	0.68	mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
Bromodichloromethane					mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
trans-1,3-Dichloropropene					mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
cis-1,3-Dichloropropene					mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
1,3-Dichloropropene, Total					mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
1,1-Dichloropropene					mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
Bromoform					mg/kg	0.0048	U	0.27	U	0.25	U	0.0047	U	0.0043	U
1,1,2,2-Tetrachloroethane					mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
Benzene	44	0.06	4.8	0.06	mg/kg	0.00044	J	0.033	U	0.033		0.00038	J	0.00053	U
Toluene	500	0.7	100	0.7	mg/kg	0.0012	U	0.067	U	0.092		0.0012	U	0.0011	U
Ethylbenzene	390	1	41	1	mg/kg	0.0029		0.051	J	0.12		0.0012	U	0.0011	U
Chloromethane					mg/kg	0.0048	U	0.27	U	0.25	U	0.0047	U	0.0043	U
Bromomethane					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
Vinyl chloride	13	0.02	0.9	0.02	mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
Chloroethane					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,1-Dichloroethene	500	0.33	100	0.33	mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
trans-1,2-Dichloroethene	500	0.19	100	0.19	mg/kg	0.0018	U	0.1	U	0.095	U	0.0018	U	0.0016	U
Trichloroethene	200	0.47	21	0.47	mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
1,2-Dichlorobenzene	500	1.1	100	1.1	mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,3-Dichlorobenzene	280	2.4	49	2.4	mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,4-Dichlorobenzene	130	1.8	13	1.8	mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
Methyl tert butyl ether	500	0.93	100	0.93	mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
p/m-Xylene					mg/kg	0.0018	J	0.092	J	0.18		0.0024	U	0.0021	U
o-Xylene					mg/kg	0.0012	U	0.084		0.039	J	0.0012	U	0.0011	U
Xylenes, Total	500	1.6	100	0.26	mg/kg	0.0018	J	0.18	J	0.22	J	0.0012	U	0.0011	U
cis-1,2-Dichloroethene	500	0.25	100	0.25	mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
1,2-Dichloroethene, Total					mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
Dibromomethane					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
Styrene					mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
Dichlorodifluoromethane					mg/kg	0.012	U	0.67	U	0.63	U	0.012	U	0.011	U
Acetone	500	0.05	100	0.05	mg/kg	0.03		0.67	U	0.63	U	0.012	U	0.011	U
Carbon disulfide					mg/kg	0.012	U	0.67	U	0.63	U	0.012	U	0.011	U
2-Butanone	500	0.12	100	0.12	mg/kg	0.012	U	0.67	U	0.63	U	0.012	U	0.011	U
Vinyl acetate					mg/kg	0.012	U	0.67	U	0.63	U	0.012	U	0.011	U
4-Methyl-2-pentanone					mg/kg	0.012	U	0.67	U	0.63	U	0.012	U	0.011	U
1,2,3-Trichloropropane					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
2-Hexanone					mg/kg	0.012	U	0.67	U	0.63	U	0.012	U	0.011	U
Bromochloromethane					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
2,2-Dichloropropane					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,2-Dibromoethane					mg/kg	0.0012	U	0.067	U	0.063	U	0.0012	U	0.0011	U
1,3-Dichloropropane					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,1,1,2-Tetrachloroethane					mg/kg	0.00061	U	0.033	U	0.032	U	0.00059	U	0.00053	U
Bromobenzene					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
n-Butylbenzene	500	12	100	12	mg/kg	0.0012	U	0.45		1.1		0.0012	U	0.0011	U
sec-Butylbenzene	500	11	100	11	mg/kg	0.00033	J	0.4		1.3		0.0012	U	0.0011	U
tert-Butylbenzene	500	5.9	100	5.9	mg/kg	0.0024	U	0.041	J	0.023	J	0.0024	U	0.0021	U
o-Chlorotoluene					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
p-Chlorotoluene					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,2-Dibromo-3-chloropropane					mg/kg	0.0036	U	0.2	U	0.19	U	0.0036	U	0.0032	U
Hexachlorobutadiene					mg/kg	0.0048	U	0.27	U	0.25	U	0.0047	U	0.0043	U
Isopropylbenzene					mg/kg	0.00086	J	0.098		1		0.0012	U	0.0011	U
p-Isopropyltoluene					mg/kg	0.0012	U	0.75		0.018	J	0.0012	U	0.0011	U
Naphthalene	500	12	100	12	mg/kg	0.0048	U	1.2		0.31		0.0047	U	0.0043	U
Acrylonitrile					mg/kg	0.0048	U	0.27	U	0.25	U	0.0047	U	0.0043	U
n-Propylbenzene	500	3.9	100	3.9	mg/kg	0.0015		0.17		3.8		0.0012	U	0.0011	U
1,2,3-Trichlorobenzene					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,2,4-Trichlorobenzene					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
1,3,5-Trimethylbenzene	190	8.4	52	8.4	mg/kg	0.002	J	0.21		0.035	J	0.0024	U	0.0021	U
1,2,4-Trimethylbenzene	190	3.6	52	3.6	mg/kg	0.0033		0.68		0.17		0.0024	U	0.0021	U
1,4-Dioxane	130	0.1	13	0.1	mg/kg	0.097	U	5.4	U	5	U	0.095	U	0.085	U
p-Diethylbenzene					mg/kg	0.0015	J	2.4		1.6		0.0024	U	0.0021	U
p-Ethyltoluene					mg/kg	0.0015	J	0.51		0.16		0.0024	U	0.0021	U
1,2,4,5-Tetramethylbenzene					mg/kg	0.0013	J	2		5.9		0.0024	U	0.0021	U
Ethyl ether					mg/kg	0.0024	U	0.13	U	0.13	U	0.0024	U	0.0021	U
trans-1,4-Dichloro-2-butene					mg/kg	0.0061	U	0.33	U	0.32	U	0.0059	U	0.0053	U

Notes:

Concentration exceeds NY-UNRES and RESRR

Concentration exceeds NY-UNRES

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
210 Greenpoint Avenue Redevelopment - Speedway #7821
210 Greenpoint Avenue, Brooklyn, NY

			LOCATION:	B-5 (0-1.5')		B-6 (4-4.5')		B-1 (1.5-2')		B-2 (0-1')		B-4 (0-2')	
			SAMPLING DATE:	11/1/2021		11/1/2021		11/2/2021		11/2/2021		11/2/2021	
			LAB SAMPLE ID:	L2159794-01		L2159794-02		L2160070-01		L2160070-02		L2160070-03	
			SAMPLE TYPE:	SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semivolatile Organics by GC/MS													
Acenaphthene	100	20	mg/kg	0.2		0.86		0.47		0.35		0.088	J
1,2,4-Trichlorobenzene			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Hexachlorobenzene	1.2	0.33	mg/kg	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Bis(2-chloroethyl)ether			mg/kg	0.17	U	0.17	U	0.17	U	0.16	U	0.17	U
2-Chloronaphthalene			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
3,3'-Dichlorobenzidine			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2,4-Dinitrotoluene			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2,6-Dinitrotoluene			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Fluoranthene	100	100	mg/kg	5		4.7		3.5		4.2		1.2	
4-Chlorophenyl phenyl ether			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
4-Bromophenyl phenyl ether			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Bis(2-chloroisopropyl)ether			mg/kg	0.22	U	0.23	U	0.22	U	0.22	U	0.22	U
Bis(2-chloroethoxy)methane			mg/kg	0.2	U	0.21	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Hexachlorocyclopentadiene			mg/kg	0.53	U	0.55	U	0.53	U	0.52	U	0.54	U
Hexachloroethane			mg/kg	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
Isophorone			mg/kg	0.17	U	0.17	U	0.17	U	0.16	U	0.17	U
Naphthalene	100	12	mg/kg	0.083	J	0.43		0.38		0.22		0.15	J
Nitrobenzene			mg/kg	0.17	U	0.17	U	0.17	U	0.16	U	0.17	U
NDPA/DPA			mg/kg	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
n-Nitrosodi-n-propylamine			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Bis(2-ethylhexyl)phthalate			mg/kg	0.18	U	0.19	U	0.16	J	0.18	U	0.19	U
Butyl benzyl phthalate			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Di-n-butylphthalate			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Di-n-octylphthalate			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Diethyl phthalate			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Dimethyl phthalate			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Benzo(a)anthracene	1	1	mg/kg	2.7		3.1		2.7		2.6		0.58	
Benzo(a)pyrene	1	1	mg/kg	2.4		2.5		2.3		2.2		0.54	
Benzo(b)fluoranthene	1	1	mg/kg	3.2		3.1		2.8		2.8		0.68	
Benzo(k)fluoranthene	3.9	0.8	mg/kg	1		0.82		0.95		0.91		0.26	
Chrysene	3.9	1	mg/kg	2.6		4.3		3.2		2.7		0.6	
Acenaphthylene	100	100	mg/kg	0.34		0.15	U	0.14	J	0.2		0.067	J
Anthracene	100	100	mg/kg	0.68		1.2		1		0.98		0.2	
Benzo(ghi)perylene	100	100	mg/kg	1.4		1.7		1.7		1.5		0.4	
Fluorene	100	30	mg/kg	0.23		1.3		0.62		0.31		0.083	J
Phenanthrene	100	100	mg/kg	2.3		5		2.4		3.5		1.1	
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.39		0.65		0.6		0.41		0.094	J
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	1.7		1.2		1.4		1.5		0.4	
Pyrene	100	100	mg/kg	4.7		4.2		3.3		3.9		1	
Biphenyl			mg/kg	0.42	U	0.26	J	0.42	U	0.42	U	0.43	U
4-Chloroaniline			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2-Nitroaniline			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
3-Nitroaniline			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
4-Nitroaniline			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Dibenzofuran	59	7	mg/kg	0.13	J	0.6		0.33		0.31		0.092	J
2-Methylnaphthalene			mg/kg	0.05	J	1.6		0.26		0.1	J	0.059	J
1,2,4,5-Tetrachlorobenzene			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Acetophenone			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2,4,6-Trichlorophenol			mg/kg	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
p-Chloro-m-cresol			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2-Chlorophenol			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2,4-Dichlorophenol			mg/kg	0.17	U	0.17	U	0.17	U	0.16	U	0.17	U
2,4-Dimethylphenol			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2-Nitrophenol			mg/kg	0.4	U	0.42	U	0.4	U	0.39	U	0.4	U
4-Nitrophenol			mg/kg	0.26	U	0.27	U	0.26	U	0.26	U	0.26	U
2,4-Dinitrophenol			mg/kg	0.89	U	0.92	U	0.9	U	0.88	U	0.9	U
4,6-Dinitro-o-cresol			mg/kg	0.48	U	0.5	U	0.48	U	0.47	U	0.49	U
Pentachlorophenol	6.7	0.8	mg/kg	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
Phenol	100	0.33	mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
2-Methylphenol	100	0.33	mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.27	U	0.28	U	0.27	U	0.26	U	0.27	U
2,4,5-Trichlorophenol			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Benzoic Acid			mg/kg	0.6	U	0.62	U	0.6	U	0.59	U	0.61	U
Benzyl Alcohol			mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U
Carbazole			mg/kg	0.21		0.4		0.3		0.36		0.12	J
1,4-Dioxane	13	0.1	mg/kg	0.028	U	0.029	U	0.028	U	0.027	U	0.028	U

Notes:

Concentration exceeds NY-UNRES and RESRR

Concentration exceeds NY-UNRES

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

210 Greenpoint Avenue Redevelopment - Speedway #7821

210 Greenpoint Avenue, Brooklyn, NY

			LOCATION:	**B-5 (0-1.5')**		**B-6 (4-4.5')**		**B-1 (1.5-2')**		**B-2 (0-1')**		**B-4 (0-2')**	
			SAMPLING DATE:	**11/1/2021**		**11/1/2021**		**11/2/2021**		**11/2/2021**		**11/2/2021**	
			LAB SAMPLE ID:	**L2159794-01**		**L2159794-02**		**L2160070-01**		**L2160070-02**		**L2160070-03**	
			SAMPLE TYPE:	**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
	NY-RESRR	**NY-UNRES**	**Units**	**Result**	**Qual**	**Result**	**Qual**	**Result**	**Qual**	**Result**	**Qual**	**Result**	**Qual**
Total Metals (mg/kg)													
Aluminum, Total			mg/kg	4330		5040		6540		5100		6700	
Antimony, Total			mg/kg	4.34	U	0.365	J	2.88	J	0.65	J	4.36	U
Arsenic, Total	16	13	mg/kg	5.76		4.64		7.93		3.72		3.36	
Barium, Total	400	350	mg/kg	246		118		111		124		65.6	
Beryllium, Total	72	7.2	mg/kg	0.269	J	0.274	J	0.353	J	0.312	J	0.331	J
Cadmium, Total	4.3	2.5	mg/kg	0.816	J	0.529	J	0.884	U	0.844	U	0.871	U
Calcium, Total			mg/kg	41300		6910		7080		11300		11800	
Chromium, Total			mg/kg	11.9		15.4		14.8		13.4		13.4	
Cobalt, Total			mg/kg	4.4		4.53		6.03		4.59		4.9	
Copper, Total	270	50	mg/kg	29.5		31.1		32		27.3		20.1	
Iron, Total			mg/kg	11400		16700		35700		15600		16600	
Lead, Total	400	63	mg/kg	522		196		207		200		90.7	
Magnesium, Total			mg/kg	18900		1620		3440		3640		4710	
Manganese, Total	2000	1600	mg/kg	187		176		330		233		273	
Mercury, Total	0.81	0.18	mg/kg	0.811		0.561		0.92		0.585		0.318	
Nickel, Total	310	30	mg/kg	9.23		9.33		13		8.22		8.98	
Potassium, Total			mg/kg	510		863		642		843		702	
Selenium, Total	180	3.9	mg/kg	0.452	J	0.255	J	0.574	J	0.507	J	1.74	U
Silver, Total	180	2	mg/kg	0.868	U	0.912	U	0.884	U	0.844	U	0.871	U
Sodium, Total			mg/kg	176		479		602		670		610	
Thallium, Total			mg/kg	1.74	U	1.82	U	1.77	U	1.69	U	1.74	U
Vanadium, Total			mg/kg	23.1		21.5		21.5		19.6		17.9	
Zinc, Total	10000	109	mg/kg	273		142		180		149		102	

Notes:

Concentration exceeds NY-UNRES and RESRR

Concentration exceeds NY-UNRES

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
210 Greenpoint Avenue Redevelopment - Speedway #7821
210 Greenpoint Avenue, Brooklyn, NY

					LOCATION:	SV-1		SV-2	
					SAMPLING DATE:	11/2/2021		11/2/2021	
					LAB SAMPLE ID:	L2160073-01		L2160073-02	
					SAMPLE TYPE:	SOIL VAPOR		SOIL VAPOR	
	NYSDOH AGVs	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Result	Qual	Result	Qual
Volatile Organics by EPA 5035									
Dichlorodifluoromethane					ug/m^3	4.94	U	727	U
Chloromethane					ug/m^3	2.07	U	304	U
Freon-114					ug/m^3	6.99	U	1030	U
Vinyl chloride				6	ug/m^3	2.56	U	*376*	U
1,3-Butadiene					ug/m^3	75.2		325	U
Bromomethane					ug/m^3	3.88	U	571	U
Chloroethane					ug/m^3	13.1		388	U
Ethanol					ug/m^3	47.1	U	6930	U
Vinyl bromide					ug/m^3	4.37	U	643	U
Acetone					ug/m^3	64.1		1750	U
Trichlorofluoromethane					ug/m^3	5.62	U	826	U
Isopropanol					ug/m^3	6.15	U	905	U
1,1-Dichloroethene		6			ug/m^3	3.96	U	*583*	U
Tertiary butyl Alcohol					ug/m^3	7.58	U	1120	U
Methylene chloride	60		100		ug/m^3	8.69	U	*1280*	U
3-Chloropropene					ug/m^3	3.13	U	460	U
Carbon disulfide					ug/m^3	18		458	U
Freon-113					ug/m^3	7.66	U	1130	U
trans-1,2-Dichloroethene					ug/m^3	3.96	U	583	U
1,1-Dichloroethane					ug/m^3	4.05	U	595	U
Methyl tert butyl ether					ug/m^3	3.61	U	530	U
2-Butanone					ug/m^3	102		1090	U
cis-1,2-Dichloroethene		6			ug/m^3	3.96	U	*583*	U
Ethyl Acetate					ug/m^3	9.01	U	1330	U
Chloroform					ug/m^3	4.88	U	718	U
Tetrahydrofuran					ug/m^3	7.37	U	1090	U
1,2-Dichloroethane					ug/m^3	4.05	U	595	U
n-Hexane					ug/m^3	66.3		29200	
1,1,1-Trichloroethane			100		ug/m^3	5.46	U	*802*	U
Benzene					ug/m^3	53		470	U
Carbon tetrachloride		6			ug/m^3	*6.29*	U	*925*	U
Cyclohexane					ug/m^3	38.9		15800	
1,2-Dichloropropane					ug/m^3	4.62	U	679	U
Bromodichloromethane					ug/m^3	6.7	U	985	U
1,4-Dioxane					ug/m^3	3.6	U	530	U
Trichloroethene	2	6			ug/m^3	5.37	U	*790*	U
2,2,4-Trimethylpentane					ug/m^3	196		175000	
Heptane					ug/m^3	37.7		6600	
cis-1,3-Dichloropropene					ug/m^3	4.54	U	667	U
4-Methyl-2-pentanone					ug/m^3	12.5		1510	U
trans-1,3-Dichloropropene					ug/m^3	4.54	U	667	U
1,1,2-Trichloroethane					ug/m^3	5.46	U	802	U
Toluene					ug/m^3	73.5		554	U
2-Hexanone					ug/m^3	38.6		602	U
Dibromochloromethane					ug/m^3	8.52	U	1250	U
1,2-Dibromoethane					ug/m^3	7.69	U	1130	U
Tetrachloroethene	30		100		ug/m^3	51.1		*997*	U
Chlorobenzene					ug/m^3	4.61	U	677	U
Ethylbenzene					ug/m^3	13.8		639	U
p/m-Xylene					ug/m^3	36.4		1280	U
Bromoform					ug/m^3	10.3	U	1520	U
Styrene					ug/m^3	4.26	U	626	U
1,1,2,2-Tetrachloroethane					ug/m^3	6.87	U	1010	U
o-Xylene					ug/m^3	14		639	U
4-Ethyltoluene					ug/m^3	4.92	U	723	U
1,3,5-Trimethylbenzene					ug/m^3	4.92	U	723	U
1,2,4-Trimethylbenzene					ug/m^3	5.51		723	U
Benzyl chloride					ug/m^3	5.18	U	761	U
1,3-Dichlorobenzene					ug/m^3	6.01	U	884	U
1,4-Dichlorobenzene					ug/m^3	6.01	U	884	U
1,2-Dichlorobenzene					ug/m^3	6.01	U	884	U
1,2,4-Trichlorobenzene					ug/m^3	7.42	U	1090	U
Hexachlorobutadiene					ug/m^3	10.7	U	1570	U
Total BTEX					ug/m^3	190.7		0	U
Total VOCs					ug/m^3	909.71		226600	

Notes:

Exceedances of the NYSDOH Air Guidance Values (AGVs) are highlighted yellow

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

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

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

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

Qualifiers:

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

ATTACHMENT A

SOIL BORING LOGS

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B-1

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/2/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/2/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
		1.5-2'	B-1 (1.5-2')	0-3" Asphalt	57.6
				3"-2' Dark brown to black silty SAND with gravel, petroleum odor, moist	76.5
					276.0
					399.0
2				2' Encounter unknown utility, offset boring by 2 ft	
				2-4' Dark brown to black silty SAND with gavel, petroleum odor, moist	
4					
				Refusal encountered at 4 ft bgs	
				END OF EXPLORATION 4 FT BGS	
6					

Water Level Data

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

Sample ID

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

Summary

Overburden (Linear ft.)	4
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B-1

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

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B-2

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/2/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/2/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
		0-1'	B-2 (0-1')	0-3" Asphalt	0.0
				3"-2' Dark brown silty SAND with gravel containing fill material including pieces of brick, no odor, moist	0.0
					0.0
					0.0
2				Refusal encountered at 2 ft bgs due to large pieces of gravel and fill material.	0.0
				END OF EXPLORATION 2 FT BGS	
4					
6					

Water Level Data

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

Sample ID

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

Summary

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

BORING NO. B-2

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

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B-3

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/2/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/2/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
				0-4" Concrete	
				4"-1' Dark brown GRAVEL with trace sand, petroleum odor, wet.	26.2
				Note: Water pooling in boring with noticable petroleum odor	
				Refusal 1 ft bgs due to presence of pea gravel	
2				END OF EXPLORATION 1 FT BGS	
4					
6					

Water Level Data

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

Sample ID

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

Summary

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

BORING NO. B-3

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

GEOPROBE BORING REPORT

BORING NO. B-4

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/2/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/2/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
		0-2'	B-4 (0-2')	0-4" Concrete	0.0
				4"-2' Light brown silty SAND with gravel, no odor, moist.	0.0
					0.0
					0.0
2				Refusal at 2 ft bgs due to the presence of pea gravel	0.0
				END OF EXPLORATION 2 FT BGS	
4					
6					

Water Level Data

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

Sample ID

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

Summary

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

BORING NO. B-4

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

GEOPROBE BORING REPORT

BORING NO. B-5

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/1/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/1/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
		0-1.5	B-5 (0-1.5')	0-4" Concrete	0.0
				4"-1.5' Light brown SAND with gravel, no odor, moist	0.0
					6.2
				1.5-2.5' Dark brown silty SAND containing fill material including pieces of concrete and brick, slight petroleum odor, moi	56.2
2					8.7
					16.0
				2.5-3' Dark brown silty SAND, slight petroleum odor, moist	37.6
					0.0
				3-5.5' Brown silty SAND with trace clay, no odor, moist	0.0
4					0.0
					0.0
					0.0
				Refusal encountered at 5.5 ft bgs	0.0
				END OF EXPLORATION 5.5 FT BGS	
6					

Water Level Data

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

Sample ID

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

Summary

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

BORING NO. B-5

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

GEOPROBE BORING REPORT

BORING NO. B-6

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/1/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/1/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
				0-2" Concrete	0.0
				2"-3.5' Dark brown silty SAND, no odor, dry	0.0
					0.0
					0.0
2					0.0
					0.0
					0.0
					0.0
				3.5-4.5' Dark brown silty SAND with trace clay, slight petroleum odor, moist. Pieces of wood present	0.0
4					32.6
				Refusal encountered at 4.5 ft bgs due to wooden beam running across boring	120.0
		4-4.5'	B-6 (4-4.5')	END OF EXPLORATION 4.5 FT BGS	136.0
6					

Water Level Data

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

Sample ID

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

Summary

Overburden (Linear ft.)	4.5
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B-6

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

GEOPROBE BORING REPORT

BORING NO. B-7

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/1/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/1/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
				0-2" Asphalt/concrete	0.0
				Refusal encounted at 6 inches bgs due to the presence of pea gravel	
				END OF EXPLORATION 6 INCHES BGS	
2					
4					
6					

Water Level Data

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

Sample ID

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

Summary

Overburden (Linear ft.)	6"
Rock Cored (Linear ft.)	-
Number of Samples	0

BORING NO. B-7

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

GEOPROBE BORING REPORT

BORING NO. B-8

Page 1 of 1

PROJECT	210 Greenpoint Avenue Limited Phase II Environmental Site Investigation	**H&A FILE NO.**	0203563
LOCATION	210 Greenpoint Avenue, Brooklyn, NY	**PROJECT MGR.**	M. Conlon
CLIENT	210 Greenpoint Realty LLC	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	11/2/2021
DRILLER	B. Sullivan	**DATE FINISHED**	11/2/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** See site plan

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

Rig Make & Model

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☐ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Hand auger ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Air Knife/Vacuum Excavation

Drilling Notes:

Depth (ft.)	Recovery (in.)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0					
				0-6" Concrete	0.0
					0.0
				Refusal encountered at 1 ft bgs due to the presence of pea gravel	0.0
				END OF EXPLORATION 1 FT BGS	
2					
4					
6					

Water Level Data

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

Sample ID

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

Summary

Overburden (Linear ft.)	1
Rock Cored (Linear ft.)	-
Number of Samples	0

BORING NO. B-8

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

ATTACHMENT B

LABORATORY ANALYTICAL DATA REPORTS

HALEY ALDRICH

ANALYTICAL REPORT

Lab Number:	L2159794
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	210 GREENPOINT AVE
Project Number:	0203563
Report Date:	11/05/21

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: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2159794-01	B-5 (0-1.5')	SOIL	210 GREENPOINT AVE., BROOKLYN, NY	11/01/21 12:25	11/01/21
L2159794-02	B-6 (4-4.5')	SOIL	210 GREENPOINT AVE., BROOKLYN, NY	11/01/21 10:31	11/01/21

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2159794
Project Number:	0203563	**Report Date:**	11/05/21

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: 210 GREENPOINT AVE **Lab Number:** L2159794
Project Number: 0203563 **Report Date:** 11/05/21

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 WG1565850-2/-3 LCS/LCSD recoveries, associated with L2159794-01 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

L2159794-01 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.

The WG1566204-3 MS recoveries for aluminum (669%), calcium (0%), iron (4500%), lead (0%), magnesium (0%), manganese (390%) and zinc (48%), performed on L2159794-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1566204-3 MS recovery, performed on L2159794-01, is outside the acceptance criteria for barium (40%). A post digestion spike was performed and was within acceptance criteria.

The WG1566204-4 Laboratory Duplicate RPD for sodium (59%), performed on L2159794-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Total Mercury

The WG1566205-4 Laboratory Duplicate RPD for mercury (60%), performed on L2159794-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native 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: Sebastian Corbin

Title: Technical Director/Representative Date: 11/05/21

ORGANICS

VOLATILES

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01
Client ID: B-5 (0-1.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/01/21 12:25
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/05/21 00:00
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	0.44	J	ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	2.9		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2159794

Project Number: 0203563 **Report Date:** 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01 Date Collected: 11/01/21 12:25

Client ID: B-5 (0-1.5') Date Received: 11/01/21

Sample Location: 210 GREENPOINT 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	0.61	0.17	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	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	1.8	J	ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	1.8	J	ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	30		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	0.33	J	ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	0.86	J	ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 210 GREENPOINT AVE
Lab Number: L2159794
Project Number: 0203563
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01
Client ID: B-5 (0-1.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/01/21 12:25
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	1.5		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	2.0	J	ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	3.3		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	1.5	J	ug/kg	2.4	0.21	1
p-Ethyltoluene	1.5	J	ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	1.3	J	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	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02
Client ID: B-6 (4-4.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/01/21 10:31
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/05/21 00:27
Analyst: MKS
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	67	9.7	1
Chloroform	ND		ug/kg	100	9.4	1
Carbon tetrachloride	ND		ug/kg	67	15.	1
1,2-Dichloropropane	ND		ug/kg	67	8.4	1
Dibromochloromethane	ND		ug/kg	67	9.4	1
1,1,2-Trichloroethane	ND		ug/kg	67	18.	1
Tetrachloroethene	ND		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.5	1
Trichlorofluoromethane	ND		ug/kg	270	46.	1
1,2-Dichloroethane	ND		ug/kg	67	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.3	1
trans-1,3-Dichloropropene	ND		ug/kg	67	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	33	10.	1
1,1-Dichloropropene	ND		ug/kg	33	11.	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	67	36.	1
Ethylbenzene	51	J	ug/kg	67	9.4	1
Chloromethane	ND		ug/kg	270	62.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	ND		ug/kg	67	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	67	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.2	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2159794

Project Number: 0203563 **Report Date:** 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02 Date Collected: 11/01/21 10:31

Client ID: B-6 (4-4.5') Date Received: 11/01/21

Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	33	9.2	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.6	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.9	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	92	J	ug/kg	130	37.	1
o-Xylene	84		ug/kg	67	19.	1
Xylenes, Total	180	J	ug/kg	67	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	67	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	67	9.2	1
Dibromomethane	ND		ug/kg	130	16.	1
Styrene	ND		ug/kg	67	13.	1
Dichlorodifluoromethane	ND		ug/kg	670	61.	1
Acetone	ND		ug/kg	670	320	1
Carbon disulfide	ND		ug/kg	670	300	1
2-Butanone	ND		ug/kg	670	150	1
Vinyl acetate	ND		ug/kg	670	140	1
4-Methyl-2-pentanone	ND		ug/kg	670	86.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.5	1
2-Hexanone	ND		ug/kg	670	79.	1
Bromochloromethane	ND		ug/kg	130	14.	1
2,2-Dichloropropane	ND		ug/kg	130	14.	1
1,2-Dibromoethane	ND		ug/kg	67	19.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	33	8.8	1
Bromobenzene	ND		ug/kg	130	9.7	1
n-Butylbenzene	450		ug/kg	67	11.	1
sec-Butylbenzene	400		ug/kg	67	9.8	1
tert-Butylbenzene	41	J	ug/kg	130	7.9	1
o-Chlorotoluene	ND		ug/kg	130	13.	1
p-Chlorotoluene	ND		ug/kg	130	7.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	67.	1
Hexachlorobutadiene	ND		ug/kg	270	11.	1
Isopropylbenzene	98		ug/kg	67	7.3	1
p-Isopropyltoluene	750		ug/kg	67	7.3	1
Naphthalene	1200		ug/kg	270	43.	1
Acrylonitrile	ND		ug/kg	270	77.	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2159794

Project Number: 0203563 **Report Date:** 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02 Date Collected: 11/01/21 10:31

Client ID: B-6 (4-4.5') Date Received: 11/01/21

Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	170		ug/kg	67	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	210		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	680		ug/kg	130	22.	1
1,4-Dioxane	ND		ug/kg	5400	2300	1
p-Diethylbenzene	2400		ug/kg	130	12.	1
p-Ethyltoluene	510		ug/kg	130	26.	1
1,2,4,5-Tetramethylbenzene	2000		ug/kg	130	13.	1
Ethyl ether	ND		ug/kg	130	23.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	330	95.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	109		70-130

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/04/21 19:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1567624-5					
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: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/04/21 19:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1567624-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	2.4	J	ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/04/21 19:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1567624-5					
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	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/04/21 19:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1567627-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/04/21 19:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1567627-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	120	J	ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/04/21 19:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1567627-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1567624-3 WG1567624-4								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	102		98		70-130	4		30
Carbon tetrachloride	106		104		70-130	2		30
1,2-Dichloropropane	98		99		70-130	1		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	96		96		70-130	0		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	96		95		70-130	1		30
Trichlorofluoromethane	104		101		70-139	3		30
1,2-Dichloroethane	101		102		70-130	1		30
1,1,1-Trichloroethane	104		103		70-130	1		30
Bromodichloromethane	103		104		70-130	1		30
trans-1,3-Dichloropropene	93		93		70-130	0		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
1,1-Dichloropropene	102		102		70-130	0		30
Bromoform	87		86		70-130	1		30
1,1,2,2-Tetrachloroethane	89		89		70-130	0		30
Benzene	98		96		70-130	2		30
Toluene	94		93		70-130	1		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	99		94		52-130	5		30
Bromomethane	86		81		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1567624-3 WG1567624-4								
Vinyl chloride	91		88		67-130	3		30
Chloroethane	89		86		50-151	3		30
1,1-Dichloroethene	97		96		65-135	1		30
trans-1,2-Dichloroethene	96		95		70-130	1		30
Trichloroethene	100		102		70-130	2		30
1,2-Dichlorobenzene	96		93		70-130	3		30
1,3-Dichlorobenzene	97		94		70-130	3		30
1,4-Dichlorobenzene	94		92		70-130	2		30
Methyl tert butyl ether	99		101		66-130	2		30
p/m-Xylene	101		100		70-130	1		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	96		98		70-130	2		30
Dibromomethane	96		98		70-130	2		30
Styrene	104		104		70-130	0		30
Dichlorodifluoromethane	106		104		30-146	2		30
Acetone	75		76		54-140	1		30
Carbon disulfide	89		88		59-130	1		30
2-Butanone	74		76		70-130	3		30
Vinyl acetate	94		91		70-130	3		30
4-Methyl-2-pentanone	77		78		70-130	1		30
1,2,3-Trichloropropane	91		90		68-130	1		30
2-Hexanone	70		73		70-130	4		30
Bromochloromethane	99		99		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1567624-3 WG1567624-4								
2,2-Dichloropropane	103		104		70-130	1		30
1,2-Dibromoethane	89		91		70-130	2		30
1,3-Dichloropropane	96		97		69-130	1		30
1,1,1,2-Tetrachloroethane	103		103		70-130	0		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	99		96		70-130	3		30
tert-Butylbenzene	99		97		70-130	2		30
o-Chlorotoluene	96		95		70-130	1		30
p-Chlorotoluene	98		94		70-130	4		30
1,2-Dibromo-3-chloropropane	76		79		68-130	4		30
Hexachlorobutadiene	99		96		67-130	3		30
Isopropylbenzene	100		96		70-130	4		30
p-Isopropyltoluene	103		100		70-130	3		30
Naphthalene	96		95		70-130	1		30
Acrylonitrile	93		94		70-130	1		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	98		96		70-130	2		30
1,2,4-Trichlorobenzene	101		98		70-130	3		30
1,3,5-Trimethylbenzene	101		98		70-130	3		30
1,2,4-Trimethylbenzene	102		99		70-130	3		30
1,4-Dioxane	83		85		65-136	2		30
p-Diethylbenzene	101		99		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1567624-3 WG1567624-4								
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	102		99		70-130	3		30
Ethyl ether	78		80		67-130	3		30
trans-1,4-Dichloro-2-butene	97		98		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	103		99		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1567627-3 WG1567627-4								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	102		98		70-130	4		30
Carbon tetrachloride	106		104		70-130	2		30
1,2-Dichloropropane	98		99		70-130	1		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	96		96		70-130	0		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	96		95		70-130	1		30
Trichlorofluoromethane	104		101		70-139	3		30
1,2-Dichloroethane	101		102		70-130	1		30
1,1,1-Trichloroethane	104		103		70-130	1		30
Bromodichloromethane	103		104		70-130	1		30
trans-1,3-Dichloropropene	93		93		70-130	0		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
1,1-Dichloropropene	102		102		70-130	0		30
Bromoform	87		86		70-130	1		30
1,1,2,2-Tetrachloroethane	89		89		70-130	0		30
Benzene	98		96		70-130	2		30
Toluene	94		93		70-130	1		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	99		94		52-130	5		30
Bromomethane	86		81		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1567627-3 WG1567627-4								
Vinyl chloride	91		88		67-130	3		30
Chloroethane	89		86		50-151	3		30
1,1-Dichloroethene	97		96		65-135	1		30
trans-1,2-Dichloroethene	96		95		70-130	1		30
Trichloroethene	100		102		70-130	2		30
1,2-Dichlorobenzene	96		93		70-130	3		30
1,3-Dichlorobenzene	97		94		70-130	3		30
1,4-Dichlorobenzene	94		92		70-130	2		30
Methyl tert butyl ether	99		101		66-130	2		30
p/m-Xylene	101		100		70-130	1		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	96		98		70-130	2		30
Dibromomethane	96		98		70-130	2		30
Styrene	104		104		70-130	0		30
Dichlorodifluoromethane	106		104		30-146	2		30
Acetone	75		76		54-140	1		30
Carbon disulfide	89		88		59-130	1		30
2-Butanone	74		76		70-130	3		30
Vinyl acetate	94		91		70-130	3		30
4-Methyl-2-pentanone	77		78		70-130	1		30
1,2,3-Trichloropropane	91		90		68-130	1		30
2-Hexanone	70		73		70-130	4		30
Bromochloromethane	99		99		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1567627-3 WG1567627-4								
2,2-Dichloropropane	103		104		70-130	1		30
1,2-Dibromoethane	89		91		70-130	2		30
1,3-Dichloropropane	96		97		69-130	1		30
1,1,1,2-Tetrachloroethane	103		103		70-130	0		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	99		96		70-130	3		30
tert-Butylbenzene	99		97		70-130	2		30
o-Chlorotoluene	96		95		70-130	1		30
p-Chlorotoluene	98		94		70-130	4		30
1,2-Dibromo-3-chloropropane	76		79		68-130	4		30
Hexachlorobutadiene	99		96		67-130	3		30
Isopropylbenzene	100		96		70-130	4		30
p-Isopropyltoluene	103		100		70-130	3		30
Naphthalene	96		95		70-130	1		30
Acrylonitrile	93		94		70-130	1		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	98		96		70-130	2		30
1,2,4-Trichlorobenzene	101		98		70-130	3		30
1,3,5-Trimethylbenzene	101		98		70-130	3		30
1,2,4-Trimethylbenzene	102		99		70-130	3		30
1,4-Dioxane	83		85		65-136	2		30
p-Diethylbenzene	101		99		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1567627-3 WG1567627-4								
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	102		99		70-130	3		30
Ethyl ether	78		80		67-130	3		30
trans-1,4-Dichloro-2-butene	97		98		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	103		99		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01
Client ID: B-5 (0-1.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY

Date Collected: 11/01/21 12:25
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/03/21 16:28
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/02/21 18:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		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	5000		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	83	J	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: 210 GREENPOINT AVE **Lab Number:** L2159794

Project Number: 0203563 **Report Date:** 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01 Date Collected: 11/01/21 12:25

Client ID: B-5 (0-1.5') Date Received: 11/01/21

Sample Location: 210 GREENPOINT 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	2700		ug/kg	110	21.	1
Benzo(a)pyrene	2400		ug/kg	150	45.	1
Benzo(b)fluoranthene	3200		ug/kg	110	31.	1
Benzo(k)fluoranthene	1000		ug/kg	110	30.	1
Chrysene	2600		ug/kg	110	19.	1
Acenaphthylene	340		ug/kg	150	28.	1
Anthracene	680		ug/kg	110	36.	1
Benzo(ghi)perylene	1400		ug/kg	150	22.	1
Fluorene	230		ug/kg	180	18.	1
Phenanthrene	2300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	390		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	150	26.	1
Pyrene	4700		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	130	J	ug/kg	180	17.	1
2-Methylnaphthalene	50	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: 210 GREENPOINT AVE
Lab Number: L2159794
Project Number: 0203563
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01
Client ID: B-5 (0-1.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/01/21 12:25
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	210		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	56		18-120

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02
Client ID: B-6 (4-4.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY

Date Collected: 11/01/21 10:31
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/04/21 07:55
Analyst: JRW
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/02/21 18:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	860		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	4700		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	430		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2159794

Project Number: 0203563 **Report Date:** 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02 Date Collected: 11/01/21 10:31

Client ID: B-6 (4-4.5') Date Received: 11/01/21

Sample Location: 210 GREENPOINT 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	3100		ug/kg	120	22.	1
Benzo(a)pyrene	2500		ug/kg	150	47.	1
Benzo(b)fluoranthene	3100		ug/kg	120	32.	1
Benzo(k)fluoranthene	820		ug/kg	120	31.	1
Chrysene	4300		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	1200		ug/kg	120	38.	1
Benzo(ghi)perylene	1700		ug/kg	150	23.	1
Fluorene	1300		ug/kg	190	19.	1
Phenanthrene	5000		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	650		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	27.	1
Pyrene	4200		ug/kg	120	19.	1
Biphenyl	260	J	ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	600		ug/kg	190	18.	1
2-Methylnaphthalene	1600		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 210 GREENPOINT AVE
Lab Number: L2159794
Project Number: 0203563
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02
Client ID: B-6 (4-4.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/01/21 10:31
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	400		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	68		18-120

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/02/21 10:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/02/21 03:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1565850-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/02/21 10:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/02/21 03:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1565850-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/02/21 10:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/02/21 03:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1565850-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	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	67		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1565850-2 WG1565850-3								
Acenaphthene	74		66		31-137	11		50
1,2,4-Trichlorobenzene	78		68		38-107	14		50
Hexachlorobenzene	68		59		40-140	14		50
Bis(2-chloroethyl)ether	79		69		40-140	14		50
2-Chloronaphthalene	73		64		40-140	13		50
1,2-Dichlorobenzene	78		67		40-140	15		50
1,3-Dichlorobenzene	77		67		40-140	14		50
1,4-Dichlorobenzene	77		68		28-104	12		50
3,3'-Dichlorobenzidine	58		54		40-140	7		50
2,4-Dinitrotoluene	82		73		40-132	12		50
2,6-Dinitrotoluene	88		77		40-140	13		50
Fluoranthene	75		65		40-140	14		50
4-Chlorophenyl phenyl ether	74		64		40-140	14		50
4-Bromophenyl phenyl ether	70		62		40-140	12		50
Bis(2-chloroisopropyl)ether	62		54		40-140	14		50
Bis(2-chloroethoxy)methane	79		69		40-117	14		50
Hexachlorobutadiene	66		58		40-140	13		50
Hexachlorocyclopentadiene	83		70		40-140	17		50
Hexachloroethane	83		72		40-140	14		50
Isophorone	76		66		40-140	14		50
Naphthalene	73		64		40-140	13		50
Nitrobenzene	86		74		40-140	15		50
NDPA/DPA	78		66		36-157	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1565850-2 WG1565850-3								
n-Nitrosodi-n-propylamine	78		69		32-121	12		50
Bis(2-ethylhexyl)phthalate	91		80		40-140	13		50
Butyl benzyl phthalate	90		78		40-140	14		50
Di-n-butylphthalate	83		72		40-140	14		50
Di-n-octylphthalate	92		81		40-140	13		50
Diethyl phthalate	78		70		40-140	11		50
Dimethyl phthalate	75		65		40-140	14		50
Benzo(a)anthracene	78		67		40-140	15		50
Benzo(a)pyrene	75		65		40-140	14		50
Benzo(b)fluoranthene	74		66		40-140	11		50
Benzo(k)fluoranthene	75		65		40-140	14		50
Chrysene	74		66		40-140	11		50
Acenaphthylene	73		63		40-140	15		50
Anthracene	74		65		40-140	13		50
Benzo(ghi)perylene	74		65		40-140	13		50
Fluorene	75		66		40-140	13		50
Phenanthrene	74		65		40-140	13		50
Dibenzo(a,h)anthracene	73		65		40-140	12		50
Indeno(1,2,3-cd)pyrene	73		65		40-140	12		50
Pyrene	75		64		35-142	16		50
Biphenyl	73		65		37-127	12		50
4-Chloroaniline	54		48		40-140	12		50
2-Nitroaniline	92		79		47-134	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1565850-2 WG1565850-3								
3-Nitroaniline	72		67		26-129	7		50
4-Nitroaniline	88		77		41-125	13		50
Dibenzofuran	72		65		40-140	10		50
2-Methylnaphthalene	71		63		40-140	12		50
1,2,4,5-Tetrachlorobenzene	71		61		40-117	15		50
Acetophenone	79		69		14-144	14		50
2,4,6-Trichlorophenol	82		71		30-130	14		50
p-Chloro-m-cresol	80		69		26-103	15		50
2-Chlorophenol	92		79		25-102	15		50
2,4-Dichlorophenol	89		76		30-130	16		50
2,4-Dimethylphenol	87		75		30-130	15		50
2-Nitrophenol	121		104		30-130	15		50
4-Nitrophenol	89		76		11-114	16		50
2,4-Dinitrophenol	71		67		4-130	6		50
4,6-Dinitro-o-cresol	103		89		10-130	15		50
Pentachlorophenol	70		60		17-109	15		50
Phenol	84		72		26-90	15		50
2-Methylphenol	89		78		30-130.	13		50
3-Methylphenol/4-Methylphenol	88		76		30-130	15		50
2,4,5-Trichlorophenol	82		73		30-130	12		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	84		74		40-140	13		50
Carbazole	77		66		54-128	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1565850-2 WG1565850-3								
1,4-Dioxane	58		53		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		78		25-120
Phenol-d6	93		80		10-120
Nitrobenzene-d5	91		77		23-120
2-Fluorobiphenyl	71		62		30-120
2,4,6-Tribromophenol	75		66		10-136
4-Terphenyl-d14	78		66		18-120

METALS

Project Name: 210 GREENPOINT AVE
Lab Number: L2159794
Project Number: 0203563
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01
Client ID: B-5 (0-1.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/01/21 12:25
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	4330		mg/kg	8.68	2.34	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.34	0.330	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Arsenic, Total	5.76		mg/kg	0.868	0.181	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Barium, Total	246		mg/kg	0.868	0.151	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Beryllium, Total	0.269	J	mg/kg	0.434	0.029	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Cadmium, Total	0.816	J	mg/kg	0.868	0.085	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Calcium, Total	41300		mg/kg	8.68	3.04	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Chromium, Total	11.9		mg/kg	0.868	0.083	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Cobalt, Total	4.40		mg/kg	1.74	0.144	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Copper, Total	29.5		mg/kg	0.868	0.224	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Iron, Total	11400		mg/kg	4.34	0.784	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Lead, Total	522		mg/kg	4.34	0.233	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Magnesium, Total	18900		mg/kg	8.68	1.34	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Manganese, Total	187		mg/kg	0.868	0.138	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Mercury, Total	0.811		mg/kg	0.083	0.054	1	11/02/21 22:08	11/03/21 17:39	EPA 7471B	1,7471B	AC
Nickel, Total	9.23		mg/kg	2.17	0.210	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Potassium, Total	510		mg/kg	217	12.5	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Selenium, Total	0.452	J	mg/kg	1.74	0.224	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.868	0.246	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Sodium, Total	176		mg/kg	174	2.74	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.74	0.274	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Vanadium, Total	23.1		mg/kg	0.868	0.176	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL
Zinc, Total	273		mg/kg	4.34	0.254	2	11/02/21 21:14	11/03/21 16:22	EPA 3050B	1,6010D	DL

Project Name: 210 GREENPOINT AVE
Lab Number: L2159794
Project Number: 0203563
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02
Client ID: B-6 (4-4.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/01/21 10:31
Date Received: 11/01/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5040		mg/kg	9.12	2.46	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Antimony, Total	0.365	J	mg/kg	4.56	0.346	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Arsenic, Total	4.64		mg/kg	0.912	0.190	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Barium, Total	118		mg/kg	0.912	0.159	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Beryllium, Total	0.274	J	mg/kg	0.456	0.030	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Cadmium, Total	0.529	J	mg/kg	0.912	0.089	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Calcium, Total	6910		mg/kg	9.12	3.19	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Chromium, Total	15.4		mg/kg	0.912	0.088	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Cobalt, Total	4.53		mg/kg	1.82	0.151	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Copper, Total	31.1		mg/kg	0.912	0.235	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Iron, Total	16700		mg/kg	4.56	0.824	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Lead, Total	196		mg/kg	4.56	0.244	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Magnesium, Total	1620		mg/kg	9.12	1.40	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Manganese, Total	176		mg/kg	0.912	0.145	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Mercury, Total	0.561		mg/kg	0.088	0.058	1	11/02/21 22:08	11/03/21 17:58	EPA 7471B	1,7471B	AC
Nickel, Total	9.33		mg/kg	2.28	0.221	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Potassium, Total	863		mg/kg	228	13.1	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Selenium, Total	0.255	J	mg/kg	1.82	0.235	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.912	0.258	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Sodium, Total	479		mg/kg	182	2.87	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.82	0.287	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Vanadium, Total	21.5		mg/kg	0.912	0.185	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL
Zinc, Total	142		mg/kg	4.56	0.267	2	11/02/21 21:14	11/03/21 17:00	EPA 3050B	1,6010D	DL

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1566204-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Antimony, Total	ND		mg/kg	2.00	0.152	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Barium, Total	ND		mg/kg	0.400	0.070	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Calcium, Total	ND		mg/kg	4.00	1.40	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Copper, Total	ND		mg/kg	0.400	0.103	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Iron, Total	ND		mg/kg	2.00	0.361	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Lead, Total	ND		mg/kg	2.00	0.107	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Potassium, Total	ND		mg/kg	100	5.76	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Silver, Total	ND		mg/kg	0.400	0.113	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Sodium, Total	1.53	J	mg/kg	80.0	1.26	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/02/21 21:14	11/03/21 15:59	1,6010D	DL
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/02/21 21:14	11/03/21 15:59	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: WG1566205-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/02/21 22:08	11/03/21 17:32	1,7471B	AC

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1566204-2 SRM Lot Number: D109-540								
Aluminum, Total	67		-		50-150	-		
Antimony, Total	129		-		19-250	-		
Arsenic, Total	101		-		70-130	-		
Barium, Total	96		-		75-125	-		
Beryllium, Total	103		-		75-125	-		
Cadmium, Total	104		-		75-125	-		
Calcium, Total	99		-		73-128	-		
Chromium, Total	100		-		70-130	-		
Cobalt, Total	106		-		75-125	-		
Copper, Total	96		-		75-125	-		
Iron, Total	88		-		35-165	-		
Lead, Total	96		-		72-128	-		
Magnesium, Total	88		-		62-138	-		
Manganese, Total	104		-		74-126	-		
Nickel, Total	104		-		70-130	-		
Potassium, Total	85		-		59-141	-		
Selenium, Total	100		-		68-132	-		
Silver, Total	99		-		68-131	-		
Sodium, Total	96		-		35-165	-		
Thallium, Total	103		-		68-131	-		
Vanadium, Total	93		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2159794

Report Date: 11/05/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1566204-2 SRM Lot Number: D109-540					
Zinc, Total	96	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1566205-2 SRM Lot Number: D109-540					
Mercury, Total	105	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1566204-3 QC Sample: L2159794-01 Client ID: B-5 (0-1.5')												
Aluminum, Total	4330	173	5490	**669**	Q	-	-		75-125	-		20
Antimony, Total	ND	43.3	33.0	76		-	-		75-125	-		20
Arsenic, Total	5.76	10.4	17.6	114		-	-		75-125	-		20
Barium, Total	246	173	316	**40**	Q	-	-		75-125	-		20
Beryllium, Total	0.269J	4.33	4.03	93		-	-		75-125	-		20
Cadmium, Total	0.816J	4.59	4.76	104		-	-		75-125	-		20
Calcium, Total	41300	867	33100	**0**	Q	-	-		75-125	-		20
Chromium, Total	11.9	17.3	26.4	84		-	-		75-125	-		20
Cobalt, Total	4.40	43.3	39.2	80		-	-		75-125	-		20
Copper, Total	29.5	21.7	53.4	110		-	-		75-125	-		20
Iron, Total	11400	86.7	15300	**4500**	Q	-	-		75-125	-		20
Lead, Total	522	45.9	374	**0**	Q	-	-		75-125	-		20
Magnesium, Total	18900	867	11200	**0**	Q	-	-		75-125	-		20
Manganese, Total	187	43.3	356	**390**	Q	-	-		75-125	-		20
Nickel, Total	9.23	43.3	44.2	81		-	-		75-125	-		20
Potassium, Total	510	867	1320	93		-	-		75-125	-		20
Selenium, Total	0.452J	10.4	9.77	94		-	-		75-125	-		20
Silver, Total	ND	26	24.7	95		-	-		75-125	-		20
Sodium, Total	176	867	1030	98		-	-		75-125	-		20
Thallium, Total	ND	10.4	7.92	76		-	-		75-125	-		20
Vanadium, Total	23.1	43.3	59.1	83		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1566204-3 QC Sample: L2159794-01 Client ID: B-5 (0-1.5')										
Zinc, Total	273	43.3	294	**48**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1566205-3 QC Sample: L2159794-01 Client ID: B-5 (0-1.5')										
Mercury, Total	0.811	0.177	0.996	105		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1566204-4 QC Sample: L2159794-01 Client ID: B-5 (0-1.5')						
Aluminum, Total	4330	4690	mg/kg	8		20
Antimony, Total	ND	0.363J	mg/kg	NC		20
Arsenic, Total	5.76	5.73	mg/kg	1		20
Barium, Total	246	209	mg/kg	16		20
Beryllium, Total	0.269J	0.274J	mg/kg	NC		20
Cadmium, Total	0.816J	0.699J	mg/kg	NC		20
Calcium, Total	41300	38900	mg/kg	6		20
Chromium, Total	11.9	11.6	mg/kg	3		20
Cobalt, Total	4.40	4.16	mg/kg	6		20
Copper, Total	29.5	27.5	mg/kg	7		20
Iron, Total	11400	10800	mg/kg	5		20
Lead, Total	522	434	mg/kg	18		20
Magnesium, Total	18900	17000	mg/kg	11		20
Manganese, Total	187	215	mg/kg	14		20
Nickel, Total	9.23	8.07	mg/kg	13		20
Potassium, Total	510	461	mg/kg	10		20
Selenium, Total	0.452J	0.425J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	176	324	mg/kg	**59**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1566204-4 QC Sample: L2159794-01 Client ID: B-5 (0-1.5')						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	23.1	21.2	mg/kg	9		20
Zinc, Total	273	223	mg/kg	20		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1566205-4 QC Sample: L2159794-01 Client ID: B-5 (0-1.5')						
Mercury, Total	0.811	1.51	mg/kg	**60**	Q	20

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2159794
Report Date: 11/05/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1566204-6 QC Sample: L2159794-01 Client ID: B-5 (0-1.5')						
Aluminum, Total	4330	4140	mg/kg	4		20
Barium, Total	246	241	mg/kg	2		20
Calcium, Total	41300	41700	mg/kg	1		20
Copper, Total	29.5	29.5	mg/kg	0		20
Iron, Total	11400	11600	mg/kg	2		20
Lead, Total	522	578	mg/kg	11		20
Magnesium, Total	18900	20000	mg/kg	6		20
Manganese, Total	187	187	mg/kg	0		20
Vanadium, Total	23.1	23.9	mg/kg	3		20
Zinc, Total	273	306	mg/kg	12		20

INORGANICS
&
MISCELLANEOUS

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-01
Client ID: B-5 (0-1.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 11/01/21 12:25
Date Received: 11/01/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	11/02/21 07:18	121,2540G	RI

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2159794
Report Date: 11/05/21

SAMPLE RESULTS

Lab ID: L2159794-02
Client ID: B-6 (4-4.5')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 11/01/21 10:31
Date Received: 11/01/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	11/02/21 07:18	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1565899-1 QC Sample: L2159853-01 Client ID: DUP Sample						
Solids, Total	91.7	91.3	%	0		20

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2159794
Report Date: 11/05/21

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(*)
L2159794-01A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2159794-01B	Vial water preserved	A	NA		5.5	Y	Absent	02-NOV-21 07:05	NYTCL-8260HLW(14)
L2159794-01C	Vial water preserved	A	NA		5.5	Y	Absent	02-NOV-21 07:05	NYTCL-8260HLW(14)
L2159794-01D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Absent		TS(7)
L2159794-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2159794-01F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14)
L2159794-02A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW(14)
L2159794-02B	Vial water preserved	A	NA		5.5	Y	Absent	02-NOV-21 07:05	NYTCL-8260HLW(14)
L2159794-02C	Vial water preserved	A	NA		5.5	Y	Absent	02-NOV-21 07:05	NYTCL-8260HLW(14)
L2159794-02D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Absent		TS(7)
L2159794-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2159794-02F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2159794
Project Number:	0203563	**Report Date:**	11/05/21

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:	210 GREENPOINT AVE	**Lab Number:**	L2159794
Project Number:	0203563	**Report Date:**	11/05/21

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:	210 GREENPOINT AVE	**Lab Number:**	L2159794
Project Number:	0203563	**Report Date:**	11/05/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2159794
Project Number:	0203563	**Report Date:**	11/05/21

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 | of |

Date Rec'd in Lab: 11/1/21

ALPHA Job #: L2159749

Client Information

Client: Haley + Aldrich of New York
Address: 237 W 35th Street, 16th Floor, New York, NY 10123
Phone:
Fax:
Email: MConlon@haleyaldrich.com

Project Information

Project Name: 210 Greenpoint Ave
Project Location: 210 Greenpoint 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 PDF + excel

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260C	NYTCL SVOCs 8270D	TAL Metals	Sample Specific Comments	Total Bottle
59749-01	B-5 (0-1.5')	11/1/21	1225	S	SC	X	X	X		6
02	B-6 (4-4.5')	11/1/21	1031	S	SC	X	X	X		6

Container Type: V A A
Preservative: F A A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	11/1/21 13:55		11/1/21 13:55
	11/1/21 18:30	J+A AAC	11/1 1930
J+A AAC	11/1 2330		11/1/21 23:30

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:	L2160070
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	210 GREENPOINT AVE
Project Number:	0203563
Report Date:	11/08/21

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: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2160070-01	B-1 (1.5-2')	SOIL	210 GREENPOINT AVE., BROOKLYN, NY	11/02/21 11:55	11/02/21
L2160070-02	B-2 (0-1')	SOIL	210 GREENPOINT AVE., BROOKLYN, NY	11/02/21 14:30	11/02/21
L2160070-03	B-4 (0-2')	SOIL	210 GREENPOINT AVE., BROOKLYN, NY	11/02/21 14:40	11/02/21

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160070
Project Number:	0203563	**Report Date:**	11/08/21

Case Narrative

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

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

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

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

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

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

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160070
Project Number:	0203563	**Report Date:**	11/08/21

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.

Total Metals

L2160070-01 through -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 11/08/21

ORGANICS

VOLATILES

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01
Client ID: B-1 (1.5-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 11:55
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/05/21 19:26
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	140	1
1,1-Dichloroethane	ND		ug/kg	63	9.2	1
Chloroform	ND		ug/kg	95	8.8	1
Carbon tetrachloride	ND		ug/kg	63	14.	1
1,2-Dichloropropane	ND		ug/kg	63	7.9	1
Dibromochloromethane	ND		ug/kg	63	8.8	1
1,1,2-Trichloroethane	ND		ug/kg	63	17.	1
Tetrachloroethene	ND		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.0	1
Trichlorofluoromethane	ND		ug/kg	250	44.	1
1,2-Dichloroethane	ND		ug/kg	63	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	10.	1
Bromodichloromethane	ND		ug/kg	32	6.9	1
trans-1,3-Dichloropropene	ND		ug/kg	63	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	32	10.	1
1,1-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	250	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	10.	1
Benzene	33		ug/kg	32	10.	1
Toluene	92		ug/kg	63	34.	1
Ethylbenzene	120		ug/kg	63	8.9	1
Chloromethane	ND		ug/kg	250	59.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	63	21.	1
Chloroethane	ND		ug/kg	130	28.	1
1,1-Dichloroethene	ND		ug/kg	63	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	95	8.6	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01 Date Collected: 11/02/21 11:55

Client ID: B-1 (1.5-2') Date Received: 11/02/21

Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	32	8.6	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.1	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.4	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	180		ug/kg	130	35.	1
o-Xylene	39	J	ug/kg	63	18.	1
Xylenes, Total	220	J	ug/kg	63	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	63	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	63	8.6	1
Dibromomethane	ND		ug/kg	130	15.	1
Styrene	ND		ug/kg	63	12.	1
Dichlorodifluoromethane	ND		ug/kg	630	58.	1
Acetone	ND		ug/kg	630	300	1
Carbon disulfide	ND		ug/kg	630	290	1
2-Butanone	ND		ug/kg	630	140	1
Vinyl acetate	ND		ug/kg	630	140	1
4-Methyl-2-pentanone	ND		ug/kg	630	81.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.0	1
2-Hexanone	ND		ug/kg	630	74.	1
Bromochloromethane	ND		ug/kg	130	13.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	63	18.	1
1,3-Dichloropropane	ND		ug/kg	130	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	8.3	1
Bromobenzene	ND		ug/kg	130	9.2	1
n-Butylbenzene	1100		ug/kg	63	10.	1
sec-Butylbenzene	1300		ug/kg	63	9.2	1
tert-Butylbenzene	23	J	ug/kg	130	7.4	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	6.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	63.	1
Hexachlorobutadiene	ND		ug/kg	250	11.	1
Isopropylbenzene	1000		ug/kg	63	6.9	1
p-Isopropyltoluene	18	J	ug/kg	63	6.9	1
Naphthalene	310		ug/kg	250	41.	1
Acrylonitrile	ND		ug/kg	250	73.	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01 Date Collected: 11/02/21 11:55

Client ID: B-1 (1.5-2') Date Received: 11/02/21

Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	3800		ug/kg	63	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
1,3,5-Trimethylbenzene	35	J	ug/kg	130	12.	1
1,2,4-Trimethylbenzene	170		ug/kg	130	21.	1
1,4-Dioxane	ND		ug/kg	5000	2200	1
p-Diethylbenzene	1600		ug/kg	130	11.	1
p-Ethyltoluene	160		ug/kg	130	24.	1
1,2,4,5-Tetramethylbenzene	5900		ug/kg	130	12.	1
Ethyl ether	ND		ug/kg	130	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	320	90.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	98		70-130

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02
Client ID: B-2 (0-1')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 14:30
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/05/21 18:36
Analyst: MV
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	0.38	J	ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	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: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02 Date Collected: 11/02/21 14:30

Client ID: B-2 (0-1') Date Received: 11/02/21

Sample Location: 210 GREENPOINT 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	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	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	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	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	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02 Date Collected: 11/02/21 14:30

Client ID: B-2 (0-1') Date Received: 11/02/21

Sample Location: 210 GREENPOINT 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	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	106		70-130

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03
Client ID: B-4 (0-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 14:40
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/05/21 19:01
Analyst: MV
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03 Date Collected: 11/02/21 14:40

Client ID: B-4 (0-2') Date Received: 11/02/21

Sample Location: 210 GREENPOINT 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	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 210 GREENPOINT AVE
Lab Number: L2160070
Project Number: 0203563
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03
Client ID: B-4 (0-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 14:40
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/21 10:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1567768-5					
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: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/21 10:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1567768-5					
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: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/21 10:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1567768-5					
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	103		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/21 10:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1568004-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/21 10:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1568004-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/21 10:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1568004-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1567768-3 WG1567768-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	101		97		70-130	4		30
Chloroform	98		96		70-130	2		30
Carbon tetrachloride	108		103		70-130	5		30
1,2-Dichloropropane	100		98		70-130	2		30
Dibromochloromethane	101		102		70-130	1		30
1,1,2-Trichloroethane	102		103		70-130	1		30
Tetrachloroethene	108		108		70-130	0		30
Chlorobenzene	110		108		70-130	2		30
Trichlorofluoromethane	89		89		70-139	0		30
1,2-Dichloroethane	98		97		70-130	1		30
1,1,1-Trichloroethane	108		104		70-130	4		30
Bromodichloromethane	105		104		70-130	1		30
trans-1,3-Dichloropropene	115		115		70-130	0		30
cis-1,3-Dichloropropene	107		105		70-130	2		30
1,1-Dichloropropene	106		101		70-130	5		30
Bromoform	100		102		70-130	2		30
1,1,2,2-Tetrachloroethane	106		109		70-130	3		30
Benzene	103		100		70-130	3		30
Toluene	108		106		70-130	2		30
Ethylbenzene	110		107		70-130	3		30
Chloromethane	93		93		52-130	0		30
Bromomethane	101		98		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1567768-3 WG1567768-4								
Vinyl chloride	92		92		67-130	0		30
Chloroethane	97		94		50-151	3		30
1,1-Dichloroethene	97		96		65-135	1		30
trans-1,2-Dichloroethene	99		97		70-130	2		30
Trichloroethene	104		100		70-130	4		30
1,2-Dichlorobenzene	109		106		70-130	3		30
1,3-Dichlorobenzene	111		109		70-130	2		30
1,4-Dichlorobenzene	110		106		70-130	4		30
Methyl tert butyl ether	94		96		66-130	2		30
p/m-Xylene	114		110		70-130	4		30
o-Xylene	112		112		70-130	0		30
cis-1,2-Dichloroethene	100		98		70-130	2		30
Dibromomethane	99		98		70-130	1		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	86		87		30-146	1		30
Acetone	95		97		54-140	2		30
Carbon disulfide	89		87		59-130	2		30
2-Butanone	93		95		70-130	2		30
Vinyl acetate	114		116		70-130	2		30
4-Methyl-2-pentanone	96		101		70-130	5		30
1,2,3-Trichloropropane	99		103		68-130	4		30
2-Hexanone	94		98		70-130	4		30
Bromochloromethane	99		98		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1567768-3 WG1567768-4								
2,2-Dichloropropane	107		103		70-130	4		30
1,2-Dibromoethane	107		108		70-130	1		30
1,3-Dichloropropane	104		106		69-130	2		30
1,1,1,2-Tetrachloroethane	115		114		70-130	1		30
Bromobenzene	103		102		70-130	1		30
n-Butylbenzene	117		114		70-130	3		30
sec-Butylbenzene	116		112		70-130	4		30
tert-Butylbenzene	112		110		70-130	2		30
o-Chlorotoluene	112		128		70-130	13		30
p-Chlorotoluene	112		109		70-130	3		30
1,2-Dibromo-3-chloropropane	101		104		68-130	3		30
Hexachlorobutadiene	107		104		67-130	3		30
Isopropylbenzene	111		110		70-130	1		30
p-Isopropyltoluene	116		114		70-130	2		30
Naphthalene	103		106		70-130	3		30
Acrylonitrile	94		100		70-130	6		30
n-Propylbenzene	113		110		70-130	3		30
1,2,3-Trichlorobenzene	102		100		70-130	2		30
1,2,4-Trichlorobenzene	106		104		70-130	2		30
1,3,5-Trimethylbenzene	112		109		70-130	3		30
1,2,4-Trimethylbenzene	110		108		70-130	2		30
1,4-Dioxane	96		99		65-136	3		30
p-Diethylbenzene	116		113		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1567768-3 WG1567768-4								
p-Ethyltoluene	112		109		70-130	3		30
1,2,4,5-Tetramethylbenzene	114		113		70-130	1		30
Ethyl ether	94		96		67-130	2		30
trans-1,4-Dichloro-2-butene	110		112		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1568004-3 WG1568004-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	101		97		70-130	4		30
Chloroform	98		96		70-130	2		30
Carbon tetrachloride	108		103		70-130	5		30
1,2-Dichloropropane	100		98		70-130	2		30
Dibromochloromethane	101		102		70-130	1		30
1,1,2-Trichloroethane	102		103		70-130	1		30
Tetrachloroethene	108		108		70-130	0		30
Chlorobenzene	110		108		70-130	2		30
Trichlorofluoromethane	89		89		70-139	0		30
1,2-Dichloroethane	98		97		70-130	1		30
1,1,1-Trichloroethane	108		104		70-130	4		30
Bromodichloromethane	105		104		70-130	1		30
trans-1,3-Dichloropropene	115		115		70-130	0		30
cis-1,3-Dichloropropene	107		105		70-130	2		30
1,1-Dichloropropene	106		101		70-130	5		30
Bromoform	100		102		70-130	2		30
1,1,2,2-Tetrachloroethane	106		109		70-130	3		30
Benzene	103		100		70-130	3		30
Toluene	108		106		70-130	2		30
Ethylbenzene	110		107		70-130	3		30
Chloromethane	93		93		52-130	0		30
Bromomethane	101		98		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1568004-3 WG1568004-4								
Vinyl chloride	92		92		67-130	0		30
Chloroethane	97		94		50-151	3		30
1,1-Dichloroethene	97		96		65-135	1		30
trans-1,2-Dichloroethene	99		97		70-130	2		30
Trichloroethene	104		100		70-130	4		30
1,2-Dichlorobenzene	109		106		70-130	3		30
1,3-Dichlorobenzene	111		109		70-130	2		30
1,4-Dichlorobenzene	110		106		70-130	4		30
Methyl tert butyl ether	94		96		66-130	2		30
p/m-Xylene	114		110		70-130	4		30
o-Xylene	112		112		70-130	0		30
cis-1,2-Dichloroethene	100		98		70-130	2		30
Dibromomethane	99		98		70-130	1		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	86		87		30-146	1		30
Acetone	95		97		54-140	2		30
Carbon disulfide	89		87		59-130	2		30
2-Butanone	93		95		70-130	2		30
Vinyl acetate	114		116		70-130	2		30
4-Methyl-2-pentanone	96		101		70-130	5		30
1,2,3-Trichloropropane	99		103		68-130	4		30
2-Hexanone	94		98		70-130	4		30
Bromochloromethane	99		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1568004-3 WG1568004-4								
2,2-Dichloropropane	107		103		70-130	4		30
1,2-Dibromoethane	107		108		70-130	1		30
1,3-Dichloropropane	104		106		69-130	2		30
1,1,1,2-Tetrachloroethane	115		114		70-130	1		30
Bromobenzene	103		102		70-130	1		30
n-Butylbenzene	117		114		70-130	3		30
sec-Butylbenzene	116		112		70-130	4		30
tert-Butylbenzene	112		110		70-130	2		30
o-Chlorotoluene	112		128		70-130	13		30
p-Chlorotoluene	112		109		70-130	3		30
1,2-Dibromo-3-chloropropane	101		104		68-130	3		30
Hexachlorobutadiene	107		104		67-130	3		30
Isopropylbenzene	111		110		70-130	1		30
p-Isopropyltoluene	116		114		70-130	2		30
Naphthalene	103		106		70-130	3		30
Acrylonitrile	94		100		70-130	6		30
n-Propylbenzene	113		110		70-130	3		30
1,2,3-Trichlorobenzene	102		100		70-130	2		30
1,2,4-Trichlorobenzene	106		104		70-130	2		30
1,3,5-Trimethylbenzene	112		109		70-130	3		30
1,2,4-Trimethylbenzene	110		108		70-130	2		30
1,4-Dioxane	96		99		65-136	3		30
p-Diethylbenzene	116		113		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1568004-3 WG1568004-4								
p-Ethyltoluene	112		109		70-130	3		30
1,2,4,5-Tetramethylbenzene	114		113		70-130	1		30
Ethyl ether	94		96		67-130	2		30
trans-1,4-Dichloro-2-butene	110		112		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01
Client ID: B-1 (1.5-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY

Date Collected: 11/02/21 11:55
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/08/21 10:37
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/06/21 10:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	470		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	3500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	380		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01 Date Collected: 11/02/21 11:55

Client ID: B-1 (1.5-2') Date Received: 11/02/21

Sample Location: 210 GREENPOINT 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	2700		ug/kg	110	21.	1
Benzo(a)pyrene	2300		ug/kg	150	46.	1
Benzo(b)fluoranthene	2800		ug/kg	110	31.	1
Benzo(k)fluoranthene	950		ug/kg	110	30.	1
Chrysene	3200		ug/kg	110	19.	1
Acenaphthylene	140	J	ug/kg	150	29.	1
Anthracene	1000		ug/kg	110	36.	1
Benzo(ghi)perylene	1700		ug/kg	150	22.	1
Fluorene	620		ug/kg	190	18.	1
Phenanthrene	2400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	600		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	3300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	330		ug/kg	190	18.	1
2-Methylnaphthalene	260		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 210 GREENPOINT AVE
Lab Number: L2160070
Project Number: 0203563
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01
Client ID: B-1 (1.5-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 11:55
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	300		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	66		18-120

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02
Client ID: B-2 (0-1')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY

Date Collected: 11/02/21 14:30
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/08/21 11:21
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/06/21 10:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	4200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	220		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: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02 Date Collected: 11/02/21 14:30

Client ID: B-2 (0-1') Date Received: 11/02/21

Sample Location: 210 GREENPOINT 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	2600		ug/kg	110	20.	1
Benzo(a)pyrene	2200		ug/kg	150	44.	1
Benzo(b)fluoranthene	2800		ug/kg	110	31.	1
Benzo(k)fluoranthene	910		ug/kg	110	29.	1
Chrysene	2700		ug/kg	110	19.	1
Acenaphthylene	200		ug/kg	150	28.	1
Anthracene	980		ug/kg	110	36.	1
Benzo(ghi)perylene	1500		ug/kg	150	21.	1
Fluorene	310		ug/kg	180	18.	1
Phenanthrene	3500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	410		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	150	25.	1
Pyrene	3900		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	310		ug/kg	180	17.	1
2-Methylnaphthalene	100	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	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02 Date Collected: 11/02/21 14:30

Client ID: B-2 (0-1') Date Received: 11/02/21

Sample Location: 210 GREENPOINT 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	360		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	109		25-120
Phenol-d6	114		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	85		18-120

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03
Client ID: B-4 (0-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY

Date Collected: 11/02/21 14:40
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/08/21 11:43
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 11/06/21 10:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	88	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1200		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	150	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 210 GREENPOINT AVE **Lab Number:** L2160070

Project Number: 0203563 **Report Date:** 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03 Date Collected: 11/02/21 14:40

Client ID: B-4 (0-2') Date Received: 11/02/21

Sample Location: 210 GREENPOINT 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	580		ug/kg	110	21.	1
Benzo(a)pyrene	540		ug/kg	150	46.	1
Benzo(b)fluoranthene	680		ug/kg	110	32.	1
Benzo(k)fluoranthene	260		ug/kg	110	30.	1
Chrysene	600		ug/kg	110	20.	1
Acenaphthylene	67	J	ug/kg	150	29.	1
Anthracene	200		ug/kg	110	37.	1
Benzo(ghi)perylene	400		ug/kg	150	22.	1
Fluorene	83	J	ug/kg	190	18.	1
Phenanthrene	1100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	94	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	400		ug/kg	150	26.	1
Pyrene	1000		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	92	J	ug/kg	190	18.	1
2-Methylnaphthalene	59	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 210 GREENPOINT AVE
Lab Number: L2160070
Project Number: 0203563
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03
Client ID: B-4 (0-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 14:40
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	120	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	108		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	82		18-120

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/08/21 08:04
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/06/21 10:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1568060-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/08/21 08:04
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/06/21 10:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1568060-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/08/21 08:04
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/06/21 10:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1568060-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1568060-2 WG1568060-3								
Acenaphthene	78		86		31-137	10		50
1,2,4-Trichlorobenzene	75		82		38-107	9		50
Hexachlorobenzene	76		85		40-140	11		50
Bis(2-chloroethyl)ether	73		81		40-140	10		50
2-Chloronaphthalene	79		86		40-140	8		50
1,2-Dichlorobenzene	74		80		40-140	8		50
1,3-Dichlorobenzene	74		82		40-140	10		50
1,4-Dichlorobenzene	73		80		28-104	9		50
3,3'-Dichlorobenzidine	49		52		40-140	6		50
2,4-Dinitrotoluene	80		89		40-132	11		50
2,6-Dinitrotoluene	83		90		40-140	8		50
Fluoranthene	83		90		40-140	8		50
4-Chlorophenyl phenyl ether	76		83		40-140	9		50
4-Bromophenyl phenyl ether	78		85		40-140	9		50
Bis(2-chloroisopropyl)ether	73		82		40-140	12		50
Bis(2-chloroethoxy)methane	76		84		40-117	10		50
Hexachlorobutadiene	76		81		40-140	6		50
Hexachlorocyclopentadiene	71		77		40-140	8		50
Hexachloroethane	73		79		40-140	8		50
Isophorone	76		82		40-140	8		50
Naphthalene	77		85		40-140	10		50
Nitrobenzene	76		84		40-140	10		50
NDPA/DPA	80		88		36-157	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1568060-2 WG1568060-3								
n-Nitrosodi-n-propylamine	75		83		32-121	10		50
Bis(2-ethylhexyl)phthalate	90		98		40-140	9		50
Butyl benzyl phthalate	88		98		40-140	11		50
Di-n-butylphthalate	88		94		40-140	7		50
Di-n-octylphthalate	93		101		40-140	8		50
Diethyl phthalate	82		90		40-140	9		50
Dimethyl phthalate	83		89		40-140	7		50
Benzo(a)anthracene	80		85		40-140	6		50
Benzo(a)pyrene	78		86		40-140	10		50
Benzo(b)fluoranthene	78		87		40-140	11		50
Benzo(k)fluoranthene	81		89		40-140	9		50
Chrysene	80		89		40-140	11		50
Acenaphthylene	82		90		40-140	9		50
Anthracene	81		87		40-140	7		50
Benzo(ghi)perylene	80		88		40-140	10		50
Fluorene	79		86		40-140	8		50
Phenanthrene	83		91		40-140	9		50
Dibenzo(a,h)anthracene	80		88		40-140	10		50
Indeno(1,2,3-cd)pyrene	82		90		40-140	9		50
Pyrene	81		90		35-142	11		50
Biphenyl	82		89		37-127	8		50
4-Chloroaniline	50		50		40-140	0		50
2-Nitroaniline	84		92		47-134	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1568060-2 WG1568060-3								
3-Nitroaniline	62		67		26-129	8		50
4-Nitroaniline	71		81		41-125	13		50
Dibenzofuran	80		90		40-140	12		50
2-Methylnaphthalene	78		87		40-140	11		50
1,2,4,5-Tetrachlorobenzene	80		88		40-117	10		50
Acetophenone	80		86		14-144	7		50
2,4,6-Trichlorophenol	81		90		30-130	11		50
p-Chloro-m-cresol	85		92		26-103	8		50
2-Chlorophenol	82		90		25-102	9		50
2,4-Dichlorophenol	84		92		30-130	9		50
2,4-Dimethylphenol	83		90		30-130	8		50
2-Nitrophenol	76		82		30-130	8		50
4-Nitrophenol	89		100		11-114	12		50
2,4-Dinitrophenol	60		70		4-130	15		50
4,6-Dinitro-o-cresol	80		87		10-130	8		50
Pentachlorophenol	76		86		17-109	12		50
Phenol	80		88		26-90	10		50
2-Methylphenol	82		90		30-130.	9		50
3-Methylphenol/4-Methylphenol	80		88		30-130	10		50
2,4,5-Trichlorophenol	85		93		30-130	9		50
Benzoic Acid	24		21		10-110	13		50
Benzyl Alcohol	81		89		40-140	9		50
Carbazole	83		90		54-128	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1568060-2 WG1568060-3								
1,4-Dioxane	53		60		40-140	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		89		25-120
Phenol-d6	85		95		10-120
Nitrobenzene-d5	75		82		23-120
2-Fluorobiphenyl	80		85		30-120
2,4,6-Tribromophenol	79		85		10-136
4-Terphenyl-d14	82		88		18-120

METALS

Project Name: 210 GREENPOINT AVE
Lab Number: L2160070
Project Number: 0203563
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01
Client ID: B-1 (1.5-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 11:55
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6540		mg/kg	8.84	2.38	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Antimony, Total	2.88	J	mg/kg	4.42	0.336	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Arsenic, Total	7.93		mg/kg	0.884	0.184	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Barium, Total	111		mg/kg	0.884	0.154	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Beryllium, Total	0.353	J	mg/kg	0.442	0.029	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.884	0.087	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Calcium, Total	7080		mg/kg	8.84	3.09	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Chromium, Total	14.8		mg/kg	0.884	0.085	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Cobalt, Total	6.03		mg/kg	1.77	0.147	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Copper, Total	32.0		mg/kg	0.884	0.228	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Iron, Total	35700		mg/kg	4.42	0.798	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Lead, Total	207		mg/kg	4.42	0.237	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Magnesium, Total	3440		mg/kg	8.84	1.36	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Manganese, Total	330		mg/kg	0.884	0.140	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Mercury, Total	0.920		mg/kg	0.072	0.047	1	11/04/21 09:30	11/04/21 15:16	EPA 7471B	1,7471B	NB
Nickel, Total	13.0		mg/kg	2.21	0.214	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Potassium, Total	642		mg/kg	221	12.7	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Selenium, Total	0.574	J	mg/kg	1.77	0.228	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.884	0.250	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Sodium, Total	602		mg/kg	177	2.78	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.77	0.278	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Vanadium, Total	21.5		mg/kg	0.884	0.179	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC
Zinc, Total	180		mg/kg	4.42	0.259	2	11/04/21 05:50	11/04/21 20:10	EPA 3050B	1,6010D	MC

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02
Client ID: B-2 (0-1')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 14:30
Date Received: 11/02/21
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	5100		mg/kg	8.44	2.28	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Antimony, Total	0.650	J	mg/kg	4.22	0.321	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Arsenic, Total	3.72		mg/kg	0.844	0.176	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Barium, Total	124		mg/kg	0.844	0.147	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Beryllium, Total	0.312	J	mg/kg	0.422	0.028	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.844	0.083	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Calcium, Total	11300		mg/kg	8.44	2.96	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Chromium, Total	13.4		mg/kg	0.844	0.081	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Cobalt, Total	4.59		mg/kg	1.69	0.140	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Copper, Total	27.3		mg/kg	0.844	0.218	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Iron, Total	15600		mg/kg	4.22	0.762	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Lead, Total	200		mg/kg	4.22	0.226	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Magnesium, Total	3640		mg/kg	8.44	1.30	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Manganese, Total	233		mg/kg	0.844	0.134	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Mercury, Total	0.585		mg/kg	0.070	0.046	1	11/04/21 09:30	11/04/21 15:20	EPA 7471B	1,7471B	NB
Nickel, Total	8.22		mg/kg	2.11	0.204	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Potassium, Total	843		mg/kg	211	12.2	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Selenium, Total	0.507	J	mg/kg	1.69	0.218	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.844	0.239	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Sodium, Total	670		mg/kg	169	2.66	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.69	0.266	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Vanadium, Total	19.6		mg/kg	0.844	0.171	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC
Zinc, Total	149		mg/kg	4.22	0.247	2	11/04/21 05:50	11/04/21 20:14	EPA 3050B	1,6010D	MC

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03
Client ID: B-4 (0-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Date Collected: 11/02/21 14:40
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	6700		mg/kg	8.71	2.35	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.36	0.331	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Arsenic, Total	3.36		mg/kg	0.871	0.181	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Barium, Total	65.6		mg/kg	0.871	0.152	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Beryllium, Total	0.331	J	mg/kg	0.436	0.029	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.871	0.085	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Calcium, Total	11800		mg/kg	8.71	3.05	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Chromium, Total	13.4		mg/kg	0.871	0.084	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Cobalt, Total	4.90		mg/kg	1.74	0.145	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Copper, Total	20.1		mg/kg	0.871	0.225	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Iron, Total	16600		mg/kg	4.36	0.787	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Lead, Total	90.7		mg/kg	4.36	0.234	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Magnesium, Total	4710		mg/kg	8.71	1.34	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Manganese, Total	273		mg/kg	0.871	0.138	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Mercury, Total	0.318		mg/kg	0.071	0.046	1	11/04/21 09:30	11/04/21 15:23	EPA 7471B	1,7471B	NB
Nickel, Total	8.98		mg/kg	2.18	0.211	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Potassium, Total	702		mg/kg	218	12.5	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.74	0.225	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.871	0.247	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Sodium, Total	610		mg/kg	174	2.74	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.74	0.274	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Vanadium, Total	17.9		mg/kg	0.871	0.177	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC
Zinc, Total	102		mg/kg	4.36	0.255	2	11/04/21 05:50	11/04/21 20:18	EPA 3050B	1,6010D	MC

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1566710-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Antimony, Total	ND		mg/kg	2.00	0.152	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Barium, Total	0.080	J	mg/kg	0.400	0.070	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Calcium, Total	1.40	J	mg/kg	4.00	1.40	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Copper, Total	ND		mg/kg	0.400	0.103	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Iron, Total	0.528	J	mg/kg	2.00	0.361	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Lead, Total	ND		mg/kg	2.00	0.107	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Potassium, Total	ND		mg/kg	100	5.76	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Silver, Total	ND		mg/kg	0.400	0.113	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Sodium, Total	15.6	J	mg/kg	80.0	1.26	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/04/21 05:50	11/04/21 17:37	1,6010D	JC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1566711-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/04/21 09:30	11/04/21 14:07	1,7471B	NB

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1566710-2 SRM Lot Number: D109-540								
Aluminum, Total	76		-		50-150	-		
Antimony, Total	146		-		19-250	-		
Arsenic, Total	97		-		70-130	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	97		-		75-125	-		
Cadmium, Total	91		-		75-125	-		
Calcium, Total	96		-		73-128	-		
Chromium, Total	90		-		70-130	-		
Cobalt, Total	92		-		75-125	-		
Copper, Total	94		-		75-125	-		
Iron, Total	98		-		35-165	-		
Lead, Total	94		-		72-128	-		
Magnesium, Total	87		-		62-138	-		
Manganese, Total	99		-		74-126	-		
Nickel, Total	91		-		70-130	-		
Potassium, Total	94		-		59-141	-		
Selenium, Total	96		-		68-132	-		
Silver, Total	93		-		68-131	-		
Sodium, Total	100		-		35-165	-		
Thallium, Total	92		-		68-131	-		
Vanadium, Total	84		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160070

Report Date: 11/08/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1566710-2 SRM Lot Number: D109-540					
Zinc, Total	92	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1566711-2 SRM Lot Number: D109-540					
Mercury, Total	89	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1566710-3 WG1566710-4 QC Sample: L2160071-01 Client ID: MS Sample												
Aluminum, Total	6210	176	5990	**0**	Q	6870	**364**	Q	75-125	14		20
Antimony, Total	3.13J	44.1	40.7	92		42.1	93		75-125	3		20
Arsenic, Total	7.34	10.6	16.0	82		17.4	92		75-125	8		20
Barium, Total	999	176	866	**0**	Q	1180	100		75-125	**31**	Q	20
Beryllium, Total	0.337J	4.41	4.49	102		4.48	99		75-125	0		20
Cadmium, Total	1.51	4.68	5.42	84		5.41	81		75-125	0		20
Calcium, Total	22200	883	17900	**0**	Q	19900	**0**	Q	75-125	11		20
Chromium, Total	18.4	17.6	31.4	**74**	Q	35.5	94		75-125	12		20
Cobalt, Total	5.99	44.1	41.0	79		41.5	78		75-125	1		20
Copper, Total	93.6	22.1	101	**34**	Q	155	**270**	Q	75-125	**42**	Q	20
Iron, Total	20000	88.3	13600	**0**	Q	19500	**0**	Q	75-125	**36**	Q	20
Lead, Total	1140	46.8	690	**0**	Q	983	**0**	Q	75-125	**35**	Q	20
Magnesium, Total	4860	883	3510	**0**	Q	4020	**0**	Q	75-125	14		20
Manganese, Total	296	44.1	283	**0**	Q	331	77		75-125	16		20
Nickel, Total	15.4	44.1	50.1	78		60.3	99		75-125	18		20
Potassium, Total	852	883	1700	96		1880	113		75-125	10		20
Selenium, Total	ND	10.6	9.96	94		9.73	89		75-125	2		20
Silver, Total	ND	26.5	25.3	96		25.1	92		75-125	1		20
Sodium, Total	201	883	1050	96		1070	96		75-125	2		20
Thallium, Total	ND	10.6	8.51	80		8.54	78		75-125	0		20
Vanadium, Total	20.9	44.1	57.0	82		59.9	86		75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1566710-3 WG1566710-4 QC Sample: L2160071-01 Client ID: MS Sample												
Zinc, Total	727	44.1	606	**0**	Q	928	**443**	Q	75-125	**42**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1566711-3 WG1566711-4 QC Sample: L2160071-01 Client ID: MS Sample												
Mercury, Total	0.284	0.148	0.418	91		0.458	119		80-120	9		20

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2160070
Report Date: 11/08/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1566710-6 QC Sample: L2160071-01 Client ID: DUP Sample						
Aluminum, Total	6210	7060	mg/kg	14		20
Barium, Total	999	1160	mg/kg	16		20
Calcium, Total	22200	26300	mg/kg	18		20
Copper, Total	93.6	104	mg/kg	11		20
Iron, Total	20000	24200	mg/kg	**21**	Q	20
Lead, Total	1140	1380	mg/kg	**21**	Q	20
Magnesium, Total	4860	5750	mg/kg	18		20
Manganese, Total	296	356	mg/kg	20		20
Zinc, Total	727	892	mg/kg	**23**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-01
Client ID: B-1 (1.5-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 11/02/21 11:55
Date Received: 11/02/21
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	87.4		%	0.100	NA	1	-	11/03/21 07:27	121,2540G	RI

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-02
Client ID: B-2 (0-1')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 11/02/21 14:30
Date Received: 11/02/21
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	89.1		%	0.100	NA	1	-	11/03/21 07:27	121,2540G	RI

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160070
Report Date: 11/08/21

SAMPLE RESULTS

Lab ID: L2160070-03
Client ID: B-4 (0-2')
Sample Location: 210 GREENPOINT AVE., BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 11/02/21 14:40
Date Received: 11/02/21
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	-	11/03/21 07:27	121,2540G	RI

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

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(*)
L2160070-01A	Vial MeOH preserved	A	NA		6.3	Y	Absent		NYTCL-8260HLW(14)
L2160070-01B	Vial water preserved	A	NA		6.3	Y	Absent	03-NOV-21 00:57	NYTCL-8260HLW(14)
L2160070-01C	Vial water preserved	A	NA		6.3	Y	Absent	03-NOV-21 00:57	NYTCL-8260HLW(14)
L2160070-01D	Plastic 2oz unpreserved for TS	A	NA		6.3	Y	Absent		TS(7)
L2160070-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		6.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2160070-01F	Glass 120ml/4oz unpreserved	A	NA		6.3	Y	Absent		NYTCL-8270(14)
L2160070-02A	Vial MeOH preserved	A	NA		6.3	Y	Absent		NYTCL-8260HLW(14)
L2160070-02B	Vial water preserved	A	NA		6.3	Y	Absent	03-NOV-21 00:57	NYTCL-8260HLW(14)
L2160070-02C	Vial water preserved	A	NA		6.3	Y	Absent	03-NOV-21 00:57	NYTCL-8260HLW(14)
L2160070-02D	Plastic 2oz unpreserved for TS	A	NA		6.3	Y	Absent		TS(7)
L2160070-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		6.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2160070-02F	Glass 120ml/4oz unpreserved	A	NA		6.3	Y	Absent		NYTCL-8270(14)
L2160070-03A	Vial MeOH preserved	A	NA		6.3	Y	Absent		NYTCL-8260HLW(14)
L2160070-03B	Vial water preserved	A	NA		6.3	Y	Absent	03-NOV-21 00:57	NYTCL-8260HLW(14)
L2160070-03C	Vial water preserved	A	NA		6.3	Y	Absent	03-NOV-21 00:57	NYTCL-8260HLW(14)
L2160070-03D	Plastic 2oz unpreserved for TS	A	NA		6.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160070
Report Date: 11/08/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2160070-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		6.3	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),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2160070-03F	Glass 120ml/4oz unpreserved	A	NA		6.3	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160070
Project Number:	0203563	**Report Date:**	11/08/21

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160070
Project Number:	0203563	**Report Date:**	11/08/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. 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:	210 GREENPOINT AVE	**Lab Number:**	L2160070
Project Number:	0203563	**Report Date:**	11/08/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160070
Project Number:	0203563	**Report Date:**	11/08/21

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

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: 11/2/21

ALPHA Job #: L2160070

Client Information
Client: Haley and Aldrich of NY
Address: 237 W 35th Street
16th Floor, New York, NY 10123
Phone:
Fax:
Email: MConlon@haleyaldrich.com

Project Information
Project Name: 210 Greenpoint Ave
Project Location: 210 Greenpoint Ave, Brooklyn, NY
Project # 0203563
(Use Project name as Project #) ☐
Project Manager: M. Conlon
ALPHAQuote #:

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

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other PDF + excel

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	NYTCL SVOCs 8270D	TAL Metals	Sample Specific Comments	Total Bottle
L2160070-01	B-1 (1.5-2')	11/2/21	1155	S	SC	X	X	X		6
02	B-2 (0-1')	11/2/21	1430	S	SC	X	X	X		6
03	B-4 (0-2')	11/2/21	1440	S	SC	X	X	X		6

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	V	A	A
Preservative	F	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	11/2/21 1534	ATL	11/2/21 1534
ATL	11/2/21 1705	Paul Mazzella	11/2/21 17:05
Paul Mazzella	11/2/21		

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

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

ANALYTICAL REPORT

Lab Number:	L2160073
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	210 GREENPOINT AVE
Project Number:	0203563
Report Date:	11/10/21

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: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160073
Report Date: 11/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2160073-01	SV-1	SOIL_VAPOR	210 GREENPOINT AVE, BROOKLYN, NY	11/02/21 09:50	11/02/21
L2160073-02	SV-2	SOIL_VAPOR	210 GREENPOINT AVE, BROOKLYN, NY	11/02/21 15:01	11/02/21

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160073
Project Number:	0203563	**Report Date:**	11/10/21

Case Narrative

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

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

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

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

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

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

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160073
Project Number:	0203563	**Report Date:**	11/10/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on November 1, 2021. The canister certification results are provided as an addendum.

L2160073-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2160073-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1569251-3 LCS recovery for benzyl chloride (142%) is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

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: 11/10/21

AIR

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2160073-01 D
Client ID: SV-1
Sample Location: 210 GREENPOINT AVE, BROOKLYN, NY

Date Collected: 11/02/21 09:50
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/10/21 00:38
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	34.0	1.00	--	75.2	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	4.98	1.00	--	13.1	2.64	--		5
Ethanol	ND	25.0	--	ND	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	27.0	5.00	--	64.1	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	2.50	--	ND	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	5.79	1.00	--	18.0	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	34.6	2.50	--	102	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2160073-01 D
Client ID: SV-1
Sample Location: 210 GREENPOINT AVE, BROOKLYN, NY

Date Collected: 11/02/21 09:50
Date Received: 11/02/21
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	2.50	--	ND	9.01	--		5
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	18.8	1.00	--	66.3	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	16.6	1.00	--	53.0	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	11.3	1.00	--	38.9	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	42.0	1.00	--	196	4.67	--		5
Heptane	9.20	1.00	--	37.7	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	3.04	2.50	--	12.5	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	19.5	1.00	--	73.5	3.77	--		5
2-Hexanone	9.42	1.00	--	38.6	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	7.54	1.00	--	51.1	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	3.18	1.00	--	13.8	4.34	--		5

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2160073-01 D
Client ID: SV-1
Sample Location: 210 GREENPOINT AVE, BROOKLYN, NY

Date Collected: 11/02/21 09:50
Date Received: 11/02/21
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	8.37	2.00	--	36.4	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	3.22	1.00	--	14.0	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	1.12	1.00	--	5.51	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	79		60-140
Bromochloromethane	76		60-140
chlorobenzene-d5	78		60-140

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2160073-02 D
Client ID: SV-2
Sample Location: 210 GREENPOINT AVE, BROOKLYN, NY

Date Collected: 11/02/21 15:01
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/10/21 01:14
Analyst: RY

	ppbV			ug/m3				Dilution
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	147.	--	ND	727	--		735.3
Chloromethane	ND	147.	--	ND	304	--		735.3
Freon-114	ND	147.	--	ND	1030	--		735.3
Vinyl chloride	ND	147.	--	ND	376	--		735.3
1,3-Butadiene	ND	147.	--	ND	325	--		735.3
Bromomethane	ND	147.	--	ND	571	--		735.3
Chloroethane	ND	147.	--	ND	388	--		735.3
Ethanol	ND	3680	--	ND	6930	--		735.3
Vinyl bromide	ND	147.	--	ND	643	--		735.3
Acetone	ND	735.	--	ND	1750	--		735.3
Trichlorofluoromethane	ND	147.	--	ND	826	--		735.3
Isopropanol	ND	368.	--	ND	905	--		735.3
1,1-Dichloroethene	ND	147.	--	ND	583	--		735.3
Tertiary butyl Alcohol	ND	368.	--	ND	1120	--		735.3
Methylene chloride	ND	368.	--	ND	1280	--		735.3
3-Chloropropene	ND	147.	--	ND	460	--		735.3
Carbon disulfide	ND	147.	--	ND	458	--		735.3
Freon-113	ND	147.	--	ND	1130	--		735.3
trans-1,2-Dichloroethene	ND	147.	--	ND	583	--		735.3
1,1-Dichloroethane	ND	147.	--	ND	595	--		735.3
Methyl tert butyl ether	ND	147.	--	ND	530	--		735.3
2-Butanone	ND	368.	--	ND	1090	--		735.3
cis-1,2-Dichloroethene	ND	147.	--	ND	583	--		735.3

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2160073-02 D
Client ID: SV-2
Sample Location: 210 GREENPOINT AVE, BROOKLYN, NY

Date Collected: 11/02/21 15:01
Date Received: 11/02/21
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	368.	--	ND	1330	--		735.3
Chloroform	ND	147.	--	ND	718	--		735.3
Tetrahydrofuran	ND	368.	--	ND	1090	--		735.3
1,2-Dichloroethane	ND	147.	--	ND	595	--		735.3
n-Hexane	8290	147	--	29200	518	--		735.3
1,1,1-Trichloroethane	ND	147.	--	ND	802	--		735.3
Benzene	ND	147	--	ND	470	--		735.3
Carbon tetrachloride	ND	147.	--	ND	925	--		735.3
Cyclohexane	4580	147	--	15800	506	--		735.3
1,2-Dichloropropane	ND	147.	--	ND	679	--		735.3
Bromodichloromethane	ND	147.	--	ND	985	--		735.3
1,4-Dioxane	ND	147.	--	ND	530	--		735.3
Trichloroethene	ND	147.	--	ND	790	--		735.3
2,2,4-Trimethylpentane	37500	147	--	175000	687	--		735.3
Heptane	1610	147	--	6600	602	--		735.3
cis-1,3-Dichloropropene	ND	147.	--	ND	667	--		735.3
4-Methyl-2-pentanone	ND	368.	--	ND	1510	--		735.3
trans-1,3-Dichloropropene	ND	147.	--	ND	667	--		735.3
1,1,2-Trichloroethane	ND	147.	--	ND	802	--		735.3
Toluene	ND	147.	--	ND	554	--		735.3
2-Hexanone	ND	147.	--	ND	602	--		735.3
Dibromochloromethane	ND	147.	--	ND	1250	--		735.3
1,2-Dibromoethane	ND	147.	--	ND	1130	--		735.3
Tetrachloroethene	ND	147.	--	ND	997	--		735.3
Chlorobenzene	ND	147.	--	ND	677	--		735.3
Ethylbenzene	ND	147.	--	ND	639	--		735.3

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2160073-02 D
Client ID: SV-2
Sample Location: 210 GREENPOINT AVE, BROOKLYN, NY

Date Collected: 11/02/21 15:01
Date Received: 11/02/21
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	ND	294.	--	ND	1280	--		735.3
Bromoform	ND	147.	--	ND	1520	--		735.3
Styrene	ND	147.	--	ND	626	--		735.3
1,1,2,2-Tetrachloroethane	ND	147.	--	ND	1010	--		735.3
o-Xylene	ND	147.	--	ND	639	--		735.3
4-Ethyltoluene	ND	147.	--	ND	723	--		735.3
1,3,5-Trimethylbenzene	ND	147.	--	ND	723	--		735.3
1,2,4-Trimethylbenzene	ND	147.	--	ND	723	--		735.3
Benzyl chloride	ND	147.	--	ND	761	--		735.3
1,3-Dichlorobenzene	ND	147.	--	ND	884	--		735.3
1,4-Dichlorobenzene	ND	147.	--	ND	884	--		735.3
1,2-Dichlorobenzene	ND	147.	--	ND	884	--		735.3
1,2,4-Trichlorobenzene	ND	147.	--	ND	1090	--		735.3
Hexachlorobutadiene	ND	147.	--	ND	1570	--		735.3

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	82		60-140

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/09/21 20:11

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: WG1569251-4								
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: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/09/21 20:11

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: WG1569251-4								
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: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/09/21 20:11

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: WG1569251-4								
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: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160073

Report Date: 11/10/21

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: WG1569251-3								
Dichlorodifluoromethane	92		-		70-130	-		
Chloromethane	88		-		70-130	-		
Freon-114	96		-		70-130	-		
Vinyl chloride	97		-		70-130	-		
1,3-Butadiene	100		-		70-130	-		
Bromomethane	96		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethanol	87		-		40-160	-		
Vinyl bromide	92		-		70-130	-		
Acetone	106		-		40-160	-		
Trichlorofluoromethane	93		-		70-130	-		
Isopropanol	84		-		40-160	-		
1,1-Dichloroethene	99		-		70-130	-		
Tertiary butyl Alcohol	96		-		70-130	-		
Methylene chloride	91		-		70-130	-		
3-Chloropropene	100		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
Freon-113	96		-		70-130	-		
trans-1,2-Dichloroethene	96		-		70-130	-		
1,1-Dichloroethane	96		-		70-130	-		
Methyl tert butyl ether	104		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 210 GREENPOINT AVE
Project Number: 0203563
Lab Number: L2160073
Report Date: 11/10/21

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: WG1569251-3								
Ethyl Acetate	115		-		70-130	-		
Chloroform	99		-		70-130	-		
Tetrahydrofuran	90		-		70-130	-		
1,2-Dichloroethane	92		-		70-130	-		
n-Hexane	100		-		70-130	-		
1,1,1-Trichloroethane	95		-		70-130	-		
Benzene	92		-		70-130	-		
Carbon tetrachloride	108		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	103		-		70-130	-		
1,4-Dioxane	96		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	102		-		70-130	-		
Heptane	94		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	93		-		70-130	-		
trans-1,3-Dichloropropene	100		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	92		-		70-130	-		
2-Hexanone	96		-		70-130	-		
Dibromochloromethane	111		-		70-130	-		
1,2-Dibromoethane	108		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 210 GREENPOINT AVE

Project Number: 0203563

Lab Number: L2160073

Report Date: 11/10/21

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: WG1569251-3								
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	107		-		70-130	-		
p/m-Xylene	112		-		70-130	-		
Bromoform	119		-		70-130	-		
Styrene	115		-		70-130	-		
1,1,2,2-Tetrachloroethane	130		-		70-130	-		
o-Xylene	114		-		70-130	-		
4-Ethyltoluene	127		-		70-130	-		
1,3,5-Trimethylbenzene	120		-		70-130	-		
1,2,4-Trimethylbenzene	120		-		70-130	-		
Benzyl chloride	**142**	Q	-		70-130	-		
1,3-Dichlorobenzene	129		-		70-130	-		
1,4-Dichlorobenzene	130		-		70-130	-		
1,2-Dichlorobenzene	124		-		70-130	-		
1,2,4-Trichlorobenzene	106		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Project Name: 210 GREENPOINT AVE

Lab Number: L2160073

Project Number: 0203563

Report Date: 11/10/21

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
L2160073-01	SV-1	01456	Flow 3	11/01/21	368999		-	-	-	Pass	18.0	17.6	2
L2160073-01	SV-1	2033	2.7L Can	11/01/21	368999	L2158363-06	Pass	-29.3	-4.7	-	-	-	-
L2160073-02	SV-2	01492	Flow 3	11/01/21	368999		-	-	-	Pass	18.0	18.4	2
L2160073-02	SV-2	2208	2.7L Can	11/01/21	368999	L2158363-06	Pass	-29.4	-4.4	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2158363
Report Date: 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/28/21 16:52
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2158363
Report Date: 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
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: L2158363
Report Date: 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
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: L2158363
Report Date: 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
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: L2158363
Report Date: 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
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	86		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2158363
Report Date: 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/28/21 16:52
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2158363
Report Date: 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
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:** L2158363

Project Number: CANISTER QC BAT **Report Date:** 11/10/21

Air Canister Certification Results

Lab ID: L2158363-06
Client ID: CAN 151 SHELF 4
Sample Location:

Date Collected: 10/26/21 08:00
Date Received: 10/26/21
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	86		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140

Project Name: 210 GREENPOINT AVE
Project Number: 0203563

Lab Number: L2160073
Report Date: 11/10/21

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(*)
L2160073-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2160073-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160073
Project Number:	0203563	**Report Date:**	11/10/21

GLOSSARY

Acronyms

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

Report Format: Data Usability Report

Project Name:	210 GREENPOINT AVE	**Lab Number:**	L2160073
Project Number:	0203563	**Report Date:**	11/10/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. 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:	210 GREENPOINT AVE	**Lab Number:**	L2160073
Project Number:	0203563	**Report Date:**	11/10/21

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

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 11/3/21

ALPHA Job #: L2160073

Client Information

Client: Haley and Aldrich of New York

Address: 237 W 35th Street, 16th Floor, New York, NY

Phone:

Fax:

Email: MConlon@haleyaldrich.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 210 Greenpoint Ave

Project Location: 210 Greenpoint Ave, Brooklyn, NY

Project #: 0203563

Project Manager: M. Conlon

ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX

☐ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)

☑ Additional Deliverables: PDF + excel

Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs) ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
60073-01	SV-1	11/2/21	0750	0950	-30.15	-6.30	SV	SC	2.7L	2033	01456	X					
02	SV-2	11/2/21	1301	1501	-30.45	-6.03	SV	SC	2.7L	2208	01492	X					

*SAMPLE MATRIX CODES

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

Container Type: C C

Relinquished By:	Date/Time	Received By:	Date/Time:
	11/2/21 1534		11/2/21 1534
	11/2/21 1705		11/2/21 2015
	11/3/21		11/3/21 0115

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)