18 February 2021
File No. 0200663-001

Via Electronic Mail

Waterfront Management New York
320 Roebling Street #106
Brooklyn, NY 11211

Attention: Mr. Moses Karpen

RE: 93 Gerry Street Focused Phase II Environmental Site Investigation
93 Gerry Street
Brooklyn, New York

Dear Mr. Karpen:

As requested, Haley & Aldrich of New York (Haley & Aldrich), is providing this letter to Waterfront Management New York summarizing the results of the Focused Phase II Environmental Site Investigation (ESI) completed at 93 Gerry Street, Brooklyn, New York (the Site).

BACKGROUND

The Site is located at 93 Gerry Street, Brooklyn, Kings County, New York, identified as Block 2266 Lot 39 on the New York City tax map in a residential R7-A zoning area. The Site is currently occupied by an at grade parking lot and is approximately 2,500 square-feet (sf) in size. There are no permanent structures located on the Site.

The Site has an E-Designation identified under the E-238—Broadway Triangle rezoning action (CEQR 19HPDD19K). The requirements under the E-Designation program are satisfaction of the requirements for Hazardous Material 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 35 feet from the northern, western and eastern lot lines.

The proposed redevelopment will include the construction of a 6-story residential building with a one-level cellar encompassing the entire site footprint and extending approximately 11 feet below current grade.

Haley & Aldrich completed a Phase I Environmental Site Assessment (ESA) for the Site and neighboring parcels in October 2020. The Phase I ESA revealed no Recognized Environmental Conditions (RECs) in connection with the Site. While no RECs were identified, two other findings were noted which include the proximity to the Former Pfizer Site B&D and the historic use of neighboring lots 40 and 41 as a laundromat. The Site is located approximately 75 feet northeast from the former Pfizer site where the primary contaminants of concern at the property included chlorinated VOCs in groundwater, soil, and soil vapor. The remediation for Pfizer included removal of 4,735 tons of VOC impacted soil and the removal of

18,449 gallons of contaminated groundwater. Further to this, the site included implementation of institutional controls and installation of engineering controls to prevent contact with residual contamination left on the site.

SUBSURFACE INVESTIGATION

On 10 February 2021, Haley & Aldrich mobilized to the Site with Coastal Environmental Solutions, Inc. to install four soil borings, two temporary groundwater monitoring wells, and two soil vapor points using a track mounted Geoprobe drill rig.

Boring locations were chosen to assess the potential impacts from onsite and offsite sources. The four soil borings were installed throughout the subject Site with borings B-1 and B-2 installed to 15 feet below ground surface (ft bgs) and borings B-3 and B-4 installed to 5 ft bgs. Two temporary groundwater monitoring wells, TW-1 and TW-2, were installed to 15 ft bgs at the locations of B-1 and B-2, respectively. Temporary soil vapor points, SV-1 and SV-2, were installed to a depth of 7 ft bgs, approximately 1 to 2 feet above the groundwater interface, located proximal to B-1/TW-1 and B-2/TW-2, respectively.

Subsurface soil consisted primarily of urban fill extending to approximately 5 to 7 ft bgs underlain by a layer of tan to light brown fine sand with varying amounts of silt and clay extending to approximately 10 ft bgs. This layer is underlain by orange-brown to brown poorly graded sand to 15 ft bgs. Soil samples were collected continuously, characterized, and screened for visual and olfactory evidence of contamination such as staining and odors. All soils were screened with a photoionization detector (PID) for volatile organic vapors, including petroleum. No apparent subsurface impacts were observed, including odors and staining, and there were no elevated PID readings detected during screening and all readings were found as non-detect at 0.0 parts per million (ppm). Soil borings logs are included in Attachment A. Groundwater was encountered at approximately 9 ft bgs throughout the Site.

One soil sample was collected from each boring from shallow soil at a depth of 0 to 2 ft bgs and an additional sample was collected at B-2 at the groundwater interface (9 to 11 ft bgs). Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total metals. Groundwater samples were analyzed for VOCs only. Soil vapor samples were collected in 2.7L stainless-steel summa canisters and analyzed for VOCs. Sample locations are provided in Figure 1. All samples were collected in laboratory provided containers, placed on ice in coolers, and shipped by courier to Alpha Analytical of Westborough, Massachusetts, a NYSDOH ELAP-certified laboratory.

RESULTS

Full analytical results are provided in Tables 1 through 3 and laboratory reports are provided in Attachment B.

Soil

Soil results were compared to New York State Department of Environmental Conservation (NYSDEC) 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted-Residential Use Soil Cleanup Objectives (RRSCOs). Several SVOCs, specifically polyaromatic hydrocarbons (PAHs), were identified in shallow soil samples exceeding both UUSCOs and RRSCOs. In borings B-1 (0-2') and B-4 (0-2') SVOCs including benzo(a)anthracene (maximum 2 mg/kg), benzo(a)pyrene (3.2 mg/kg), benzo(b)fluoranthene (4 mg/kg), and indeno(1,2,3-cd)pyrene (maximum 2.2 mg/kg) were identified above RRSCOs. Additionally dibenzo(a,h)anthracene (0.48 mg/kg) was detected in boring B-4 (0-2') above

RRSCOs. Benzo(k)fluoranthene (1.3 mg/kg) was detected above UUSCOs in B-4 (0-2') and chrysene (maximum 2.2 mg/kg) was detected above UUSCOs in borings B-1 (0-2') and B-4 (0-2').

Several metals were found at concentrations exceeding both UUSCOs and RRSCOs in multiple shallow soil samples including lead (maximum 1170 mg/kg) and mercury (maximum 3.82 mg/kg). Arsenic was detected above RRSCOs in boring B-3 (0-2') at 18.5 mg/kg. In boring B-3 (0-2') barium (355 mg/kg), nickel (33.6 mg/kg), and zinc (1670 mg/kg) were detected above UUSCOs but not RRSCOs.

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

Groundwater

Groundwater results were compared to NYSDEC 6NYCRR Part 703.5 Class GA Ambient Water Quality Standards (AWQS). Two VOCs, vinyl chloride (3.4 µg/L) and cis-1,2-dichloroethene (360 µg/L) were detected above the AWQS in TW-2. No VOCs were detected above method detection limits in TW-1.

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

Soil Vapor

Soil vapor results were compared to the New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, May 2017, Matrix A, B, and C guidance values. No VOCs were detected above guidance values. However, several VOCs were detected at concentrations exceeding the method detection limit including vinyl chloride (0.846 µg/m^3) and cis-1,2-dichloroethene (3.77 µg/m^3) in SV-2. Additionally, tetrachloroethene (maximum 2.19 µg/m^3) was detected in both soil vapor samples above method detection limits.

Full soil vapor analytical results are provided in Table 3 and the laboratory report in Attachment B.

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical results found Site conditions to be comparable to similar properties in the surrounding area. Metals and SVOCs identified in shallow soils from 0 to 2 ft bgs are consistent with characteristics of urban fill found throughout the New York City area. Urban fill was observed to extend to a maximum depth of 7 ft bgs across the Site. Chlorinated VOCs (CVOCs) identified in groundwater are potentially the result of the former laundry operations at the neighboring Site and/or migrating from the nearby westerly property, the former Pfizer site.

BROWNFIELD CLEANUP PROGRAM EVALUATION

Due to elevated concentrations of PAHs, mercury, arsenic, and lead above the RRSCOs as well as residual chlorinated VOC contamination indicated in groundwater, there is a chance this Site would be accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). Confirmation of this should be sought with an environmental attorney with experience in the BCP program requirements. In the event the Site is not entered into the BCP program, the Site will be remediated and redeveloped in the hazardous materials E-Designation program with NYCOER.

Whether redeveloped under the BCP or E-Designation program, the Site will still need to complete the air quality E-Designation requirements with NYCOER, which include submission of the Air Quality Remedial Action Plan and Air Quality Installation report confirming exclusively use natural gas with the stack location 35 feet from the northern, western, and eastern lot lines.

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 Cate Conlon, P.G.
Project Manager

Attachments:
Figure 1- Sample Location Map
Figure 2- Map of Soil Chemistry
Figure 3- Map of Groundwater Chemistry
Figure 4 – Map of Soil Vapor Chemistry
Table 1- Soil Analytical Results
Table 2- Groundwater Analytical Results
Table 3- Soil Vapor Analytical Results
Attachment A- Soil Boring Logs
Attachment B- Laboratory Reports

FIGURES

HALEY ALDRICH

LEGEND

- 89-91 GERRY STREET BOUNDARY
- 93 GERRY STREET BOUNDARY
- SOIL BORING
- TEMPORARY MONITORING WELL
- SOIL VAPOR POINT

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: ESRI

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

FEBRUARY 2021

FIGURE 1

GIS FILE PATH: C:\Users\hwachholz\Documents\working\135597\GIS\Maps\2020_10135597_002_0002_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 12/31/2020 1:47:32 PM

B-1 (0-2')	Result
Benzo(a)anthracene	1.5
Benzo(a)pyrene	1.4
Benzo(b)fluoranthene	1.6
Chrysene	1.6
Indeno(1,2,3-cd)pyrene	0.96
Lead	79
Mercury	1.38

B-3 (0-2')	Result
Arsenic	18.5
Barium	355
Copper	332
Lead	1170
Mercury	3.82
Nickel	33.6
Zinc	1670

B-4 (0-2')	Result
Benzo(a)anthracene	2
Benzo(a)pyrene	3.2
Benzo(b)fluoranthene	4
Benzo(k)fluoranthene	1.3
Chrysene	2.2
Dibenzo(a,h)anthracene	0.48
Indeno(1,2,3-cd)pyrene	2.2
Lead	104
Mercury	0.35

LEGEND

- 89-91 GERRY STREET BOUNDARY
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N

0 20 40
SCALE IN FEET

NYCRR Part 375 Unrestricted and Restricted Residential SCOs			
Analyte	**Units**	**NY- ResRestricted**	**NY- Unrestricted**
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
Arsenic	mg/kg	16	13
Barium	mg/kg	400	350
Copper	mg/kg	270	50
Lead	mg/kg	400	63
Mercury	mg/kg	0.81	0.18
Nickel	mg/kg	310	30
Zinc	mg/kg	10000	109

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

MAP OF SOIL CHEMISTRY

FEBRUARY 2021

FIGURE 2

TW-2	Result
Vinyl Chloride	3.4
Cis-1,2-Dichloroethene	360

LEGEND

- 89-91 GERRY STREET BOUNDARY
- 93 GERRY STREET BOUNDARY
- SOIL BORING
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New York TOGS 111 Ambient Water Quality Standards		
Analyte	**Units**	**NY-AWQS**
Vinyl Chloride	µg/L	2
Cis-1,2-Dichloroethene	µg/L	5

NOTES

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N

0 20 40

SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

FEBRUARY 2021

FIGURE 1

LEGEND

- 89-91 GERRY STREET BOUNDARY
- 93 GERRY STREET BOUNDARY
- SOIL BORING
- TEMPORARY MONITORING WELL
- SOIL VAPOR POINT

2017 NYSDOH Soil Vapor Intrusion Guidance Decision Matrices		
Analyte	Units	NYSDOH VI Sub-Slab Vapor Guidance
Vinyl Chloride	µg/m3	6
Cis-1,2-dichloroethene	µg/m3	6
Tetrachlorethene	µg/m3	100

NOTES

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N

0 20 40
SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

MAP OF SOIL VAPOR CHEMISTRY

FEBRUARY 2021

FIGURE 4

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TABLES

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
SAMPLING DATE				2/10/2021		2/10/2021		2/10/2021		2/10/2021		2/10/2021	
LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry													
Solids, Total			%	89.3		93		88.3		88.3		89.3	
Total Metals													
Aluminum, Total			mg/kg	6670		2800		4660		4120		5560	
Antimony, Total			mg/kg	4.22	U	4.18	U	4.34	U	5.32		2.09	J
Arsenic, Total	16	13	mg/kg	2.76		1.19		0.704	J	18.5		4.95	
Barium, Total	400	350	mg/kg	68.5		33.4		13.4		355		77.6	
Beryllium, Total	72	7.2	mg/kg	0.27	J	0.033	J	0.278	J	0.883		0.298	J
Cadmium, Total	4.3	2.5	mg/kg	0.844	U	0.835	U	0.869	U	0.268	J	0.852	U
Calcium, Total			mg/kg	37800		15800		323		56200		2390	
Chromium, Total			mg/kg	14.9		5.07		11.3		33.8		18.3	
Cobalt, Total			mg/kg	4.37		3.86		3.85		11.7		7.54	
Copper, Total	270	50	mg/kg	23.9		28.8		32.2		332		38.8	
Iron, Total			mg/kg	11000		13000		14200		31300		56100	
Lead, Total	400	63	mg/kg	79		28.5		2.75	J	1170		104	
Magnesium, Total			mg/kg	10900		3740		950		7750		1530	
Manganese, Total	2000	1600	mg/kg	802		109		102		295		380	
Mercury, Total	0.81	0.18	mg/kg	1.38		0.07	U	0.072	U	3.82		0.35	
Nickel, Total	310	30	mg/kg	8.56		4.54		6.43		33.6		24.7	
Potassium, Total			mg/kg	776		686		335		564		574	
Selenium, Total	180	3.9	mg/kg	0.405	J	1.67	U	1.74	U	1.25	J	0.375	J
Silver, Total	180	2	mg/kg	0.844	U	0.835	U	0.869	U	0.494	J	0.852	U
Sodium, Total			mg/kg	143	J	175		49.9	J	308		62.4	J
Thallium, Total			mg/kg	1.69	U	1.67	U	1.74	U	1.73	U	1.7	U
Vanadium, Total			mg/kg	16.9		28.6		20.9		35.9		30.4	
Zinc, Total	10000	109	mg/kg	70.4		99.2		16.6		1670		85.7	
Semivolatile Organics by GC/MS													
Acenaphthene	100	20	mg/kg	0.16		1.4	U	0.15	U	0.057	J	0.1	J
1,2,4-Trichlorobenzene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Hexachlorobenzene	1.2	0.33	mg/kg	0.11	U	1.1	U	0.11	U	0.11	U	0.11	U
Bis(2-chloroethyl)ether			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U
2-Chloronaphthalene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
3,3'-Dichlorobenzidine			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2,4-Dinitrotoluene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2,6-Dinitrotoluene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Fluoranthene	100	100	mg/kg	3.2		0.25	J	0.11	U	0.93		3	
4-Chlorophenyl phenyl ether			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
4-Bromophenyl phenyl ether			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Bis(2-chloroisopropyl)ether			mg/kg	0.22	U	2.1	U	0.22	U	0.22	U	0.22	U
Bis(2-chloroethoxy)methane			mg/kg	0.2	U	1.9	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Hexachlorocyclopentadiene			mg/kg	0.52	U	5.1	U	0.53	U	0.54	U	0.53	U
Hexachloroethane			mg/kg	0.15	U	1.4	U	0.15	U	0.15	U	0.15	U
Isophorone			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U
Naphthalene	100	12	mg/kg	0.077	J	1.8	U	0.18	U	0.089	J	0.079	J
Nitrobenzene			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria.
U - Non-detect Result
J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
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LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS (continued)													
NDPA/DPA			mg/kg	0.15	U	1.4	U	0.15	U	0.15	U	0.15	U
n-Nitrosodi-n-propylamine			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Bis(2-ethylhexyl)phthalate			mg/kg	9.9		1.8	U	0.18	U	0.19	U	0.5	
Butyl benzyl phthalate			mg/kg	0.15	J	1.8	U	0.18	U	0.19	U	0.29	
Di-n-butylphthalate			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.044	J
Di-n-octylphthalate			mg/kg	1.7		1.8	U	0.18	U	0.19	U	0.19	U
Diethyl phthalate			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Dimethyl phthalate			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Benzo(a)anthracene	1	1	mg/kg	1.5		0.2	J	0.11	U	0.48		2	
Benzo(a)pyrene	1	1	mg/kg	1.4		1.4	U	0.15	U	0.44		3.2	
Benzo(b)fluoranthene	1	1	mg/kg	1.6		1.1	U	0.11	U	0.6		4	
Benzo(k)fluoranthene	3.9	0.8	mg/kg	0.6		1.1	U	0.11	U	0.17		1.3	
Chrysene	3.9	1	mg/kg	1.6		0.23	J	0.11	U	0.46		2.2	
Acenaphthylene	100	100	mg/kg	0.12	J	1.4	U	0.15	U	0.06	J	0.27	
Anthracene	100	100	mg/kg	0.45		1.1	U	0.11	U	0.13		0.51	
Benzo(ghi)perylene	100	100	mg/kg	0.96		1.4	U	0.15	U	0.27		2	
Fluorene	100	30	mg/kg	0.15	J	1.8	U	0.18	U	0.059	J	0.15	J
Phenanthrene	100	100	mg/kg	2.5		1.1	U	0.11	U	0.72		2	
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.23		1.1	U	0.11	U	0.065	J	0.48	
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.96		1.4	U	0.15	U	0.28		2.2	
Pyrene	100	100	mg/kg	3.1		0.26	J	0.11	U	0.82		3	
Biphenyl			mg/kg	0.42	U	4	U	0.42	U	0.43	U	0.42	U
4-Chloroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Nitroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
3-Nitroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
4-Nitroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Dibenzofuran	59	7	mg/kg	0.1	J	1.8	U	0.18	U	0.048	J	0.1	J
2-Methylnaphthalene			mg/kg	0.051	J	2.1	U	0.22	U	0.083	J	0.054	J
1,2,4,5-Tetrachlorobenzene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Acetophenone			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.025	J
2,4,6-Trichlorophenol			mg/kg	0.11	U	1.1	U	0.11	U	0.11	U	0.11	U
p-Chloro-m-cresol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Chlorophenol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2,4-Dichlorophenol			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U
2,4-Dimethylphenol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Nitrophenol			mg/kg	0.4	U	3.8	U	0.4	U	0.4	U	0.4	U
4-Nitrophenol			mg/kg	0.26	U	2.5	U	0.26	U	0.26	U	0.26	U
2,4-Dinitrophenol			mg/kg	0.88	U	8.5	U	0.89	U	0.9	U	0.89	U
4,6-Dinitro-o-cresol			mg/kg	0.48	U	4.6	U	0.48	U	0.49	U	0.48	U
Pentachlorophenol	6.7	0.8	mg/kg	0.15	U	1.4	U	0.15	U	0.15	U	0.15	U
Phenol	100	0.33	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Methylphenol	100	0.33	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.26	U	2.6	U	0.27	U	0.27	U	0.054	J
2,4,5-Trichlorophenol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Benzoic Acid			mg/kg	0.6	U	5.8	U	0.6	U	0.61	U	0.6	U
Benzyl Alcohol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Carbazole			mg/kg	0.19		1.8	U	0.18	U	0.09	J	0.5	
1,4-Dioxane	13	0.1	mg/kg	0.028	U	0.27	U	0.028	U	0.028	U	0.028	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria.
U - Non-detect Result
J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
SAMPLING DATE				2/10/2021		2/10/2021		2/10/2021		2/10/2021		2/10/2021	
LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035													
Methylene chloride	100	0.05	mg/kg	0.0065	U	0.0056	U	0.005	U	0.0074	U	0.0052	U
1,1-Dichloroethane	26	0.27	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Chloroform	49	0.37	mg/kg	0.0019	U	0.0017	U	0.0015	U	0.0022	U	0.0016	U
Carbon tetrachloride	2.4	0.76	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,2-Dichloropropane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Dibromochloromethane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,1,2-Trichloroethane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Tetrachloroethene	19	1.3	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Chlorobenzene	100	1.1	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Trichlorofluoromethane			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Bromodichloromethane			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
trans-1,3-Dichloropropene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
cis-1,3-Dichloropropene			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
1,3-Dichloropropene, Total			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
1,1-Dichloropropene			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Bromoform			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Benzene	4.8	0.06	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Toluene	100	0.7	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0011	J	0.001	U
Ethylbenzene	41	1	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0004	J	0.001	U
Chloromethane			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
Bromomethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Vinyl chloride	0.9	0.02	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Chloroethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,1-Dichloroethene	100	0.33	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
trans-1,2-Dichloroethene	100	0.19	mg/kg	0.0019	U	0.0017	U	0.0015	U	0.0022	U	0.0016	U
Trichloroethene	21	0.47	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Methyl tert butyl ether	100	0.93	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
p/m-Xylene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
o-Xylene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Xylenes, Total	100	0.26	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
cis-1,2-Dichloroethene	100	0.25	mg/kg	0.0013	U	0.0011	U	0.012		0.0015	U	0.001	U
1,2-Dichloroethene, Total			mg/kg	0.0013	U	0.0011	U	0.012		0.0015	U	0.001	U
Dibromomethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Styrene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Dichlorodifluoromethane			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
Acetone	100	0.05	mg/kg	0.0063	J	0.025		0.01	U	0.019		0.01	U
Carbon disulfide			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
2-Butanone	100	0.12	mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
Vinyl acetate			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
4-Methyl-2-pentanone			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
1,2,3-Trichloropropane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
2-Hexanone			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria.
U - Non-detect Result
J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
SAMPLING DATE				2/10/2021		2/10/2021		2/10/2021		2/10/2021		2/10/2021	
LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 (continued)													
Bromochloromethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
2,2-Dichloropropane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2-Dibromoethane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,3-Dichloropropane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,1,1,2-Tetrachloroethane			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Bromobenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
n-Butylbenzene	100	12	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
sec-Butylbenzene	100	11	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
tert-Butylbenzene	100	5.9	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
o-Chlorotoluene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
p-Chlorotoluene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0039	U	0.0034	U	0.003	U	0.0045	U	0.0031	U
Hexachlorobutadiene			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
Isopropylbenzene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
p-Isopropyltoluene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Naphthalene	100	12	mg/kg	0.0052	U	0.0045	U	0.004	U	0.0016	J	0.0042	U
Acrylonitrile			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
n-Propylbenzene	100	3.9	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,2,3-Trichlorobenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2,4-Trichlorobenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,4-Dioxane	13	0.1	mg/kg	0.1	U	0.09	U	0.08	U	0.12	U	0.084	U
p-Diethylbenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
p-Ethyltoluene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.00062	J	0.0021	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Ethyl ether			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
trans-1,4-Dichloro-2-butene			mg/kg	0.0065	U	0.0056	U	0.005	U	0.0074	U	0.0052	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria.
U - Non-detect Result
J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 2. Groundwater Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION			TW-1		TW-2	
SAMPLING DATE			2/10/2021		2/10/2021	
LAB SAMPLE ID			L2106351-01		L2106351-02	
SAMPLE TYPE			WATER		WATER	
SAMPLE DEPTH (ft.)						
	NY-AWQS	Units	Results	Qual	Results	Qual
Volatile Organics by GC/MS						
Methylene chloride	5	ug/l	2.5	U	6.2	U
1,1-Dichloroethane	5	ug/l	2.5	U	6.2	U
Chloroform	7	ug/l	2.5	U	6.2	U
Carbon tetrachloride	5	ug/l	0.5	U	1.2	U
1,2-Dichloropropane	1	ug/l	1	U	2.5	U
Dibromochloromethane	50	ug/l	0.5	U	1.2	U
1,1,2-Trichloroethane	1	ug/l	1.5	U	3.8	U
Tetrachloroethene	5	ug/l	0.5	U	0.97	J
Chlorobenzene	5	ug/l	2.5	U	6.2	U
Trichlorofluoromethane	5	ug/l	2.5	U	6.2	U
1,2-Dichloroethane	0.6	ug/l	0.5	U	1.2	U
1,1,1-Trichloroethane	5	ug/l	2.5	U	6.2	U
Bromodichloromethane	50	ug/l	0.5	U	1.2	U
trans-1,3-Dichloropropene	0.4	ug/l	0.5	U	1.2	U
cis-1,3-Dichloropropene	0.4	ug/l	0.5	U	1.2	U
1,3-Dichloropropene, Total		ug/l	0.5	U	1.2	U
1,1-Dichloropropene	5	ug/l	2.5	U	6.2	U
Bromoform	50	ug/l	2	U	5	U
1,1,2,2-Tetrachloroethane	5	ug/l	0.5	U	1.2	U
Benzene	1	ug/l	0.5	U	1.2	U
Toluene	5	ug/l	2.5	U	6.2	U
Ethylbenzene	5	ug/l	2.5	U	6.2	U
Chloromethane		ug/l	2.5	U	6.2	U
Bromomethane	5	ug/l	2.5	U	6.2	U
Vinyl chloride	2	ug/l	1	U	3.4	
Chloroethane	5	ug/l	2.5	U	6.2	U
1,1-Dichloroethene	5	ug/l	0.5	U	0.48	J
trans-1,2-Dichloroethene	5	ug/l	2.5	U	6.2	U
Trichloroethene	5	ug/l	0.5	U	1.5	
1,2-Dichlorobenzene	3	ug/l	2.5	U	6.2	U
1,3-Dichlorobenzene	3	ug/l	2.5	U	6.2	U
1,4-Dichlorobenzene	3	ug/l	2.5	U	6.2	U
Methyl tert butyl ether	10	ug/l	2.5	U	6.2	U
p/m-Xylene	5	ug/l	2.5	U	6.2	U
o-Xylene	5	ug/l	2.5	U	6.2	U
Xylenes, Total		ug/l	2.5	U	6.2	U
cis-1,2-Dichloroethene	5	ug/l	2.5	U	360	
1,2-Dichloroethene, Total		ug/l	2.5	U	360	
Dibromomethane	5	ug/l	5	U	12	U
1,2,3-Trichloropropane	0.04	ug/l	2.5	U	6.2	U
Acrylonitrile	5	ug/l	5	U	12	U

Notes:
U - Non-detect Result J - Estimated Result
* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards

Table 2. Groundwater Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION			TW-1		TW-2	
SAMPLING DATE			2/10/2021		2/10/2021	
LAB SAMPLE ID			L2106351-01		L2106351-02	
SAMPLE TYPE			WATER		WATER	
SAMPLE DEPTH (ft.)						
	NY-AWQS	Units	Results	Qual	Results	Qual
Volatile Organics by GC/MS (continued)						
Styrene	5	ug/l	2.5	U	6.2	U
Dichlorodifluoromethane	5	ug/l	5	U	12	U
Acetone	50	ug/l	5	U	12	U
Carbon disulfide	60	ug/l	5	U	12	U
2-Butanone	50	ug/l	5	U	12	U
Vinyl acetate		ug/l	5	U	12	U
4-Methyl-2-pentanone		ug/l	5	U	12	U
2-Hexanone	50	ug/l	5	U	12	U
Bromochloromethane	5	ug/l	2.5	U	6.2	U
2,2-Dichloropropane	5	ug/l	2.5	U	6.2	U
1,2-Dibromoethane	0.0006	ug/l	2	U	5	U
1,3-Dichloropropane	5	ug/l	2.5	U	6.2	U
1,1,1,2-Tetrachloroethane	5	ug/l	2.5	U	6.2	U
Bromobenzene	5	ug/l	2.5	U	6.2	U
n-Butylbenzene	5	ug/l	2.5	U	6.2	U
sec-Butylbenzene	5	ug/l	2.5	U	6.2	U
tert-Butylbenzene	5	ug/l	2.5	U	6.2	U
o-Chlorotoluene	5	ug/l	2.5	U	6.2	U
p-Chlorotoluene	5	ug/l	2.5	U	6.2	U
1,2-Dibromo-3-chloropropane	0.04	ug/l	2.5	U	6.2	U
Hexachlorobutadiene	0.5	ug/l	2.5	U	6.2	U
Isopropylbenzene	5	ug/l	2.5	U	6.2	U
p-Isopropyltoluene	5	ug/l	2.5	U	6.2	U
Naphthalene	10	ug/l	2.5	U	6.2	U
n-Propylbenzene	5	ug/l	2.5	U	6.2	U
1,2,3-Trichlorobenzene	5	ug/l	2.5	U	6.2	U
1,2,4-Trichlorobenzene	5	ug/l	2.5	U	6.2	U
1,3,5-Trimethylbenzene	5	ug/l	2.5	U	6.2	U
1,2,4-Trimethylbenzene	5	ug/l	2.5	U	6.2	U
1,4-Dioxane		ug/l	250	U	620	U
p-Diethylbenzene		ug/l	2	U	5	U
p-Ethyltoluene		ug/l	2	U	5	U
1,2,4,5-Tetramethylbenzene	5	ug/l	2	U	5	U
Ethyl ether		ug/l	2.5	U	6.2	U
trans-1,4-Dichloro-2-butene	5	ug/l	2.5	U	6.2	U

Notes:
U - Non-detect Result J - Estimated Result
* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards

Table 3. Soil Vapor Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION					SV-1		SV-2	
SAMPLING DATE					2/10/2021		2/10/2021	
LAB SAMPLE ID					L2106353-01		L2106353-02	
SAMPLE TYPE					SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)								
	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual
Volatile Organics in Air								
Dichlorodifluoromethane				ug/m3	1.79		1.86	
Chloromethane				ug/m3	0.413	U	0.64	
Freon-114				ug/m3	1.4	U	1.4	U
Vinyl chloride			6	ug/m3	0.511	U	0.846	
1,3-Butadiene				ug/m3	3.94		3.76	
Bromomethane				ug/m3	0.777	U	0.777	U
Chloroethane				ug/m3	0.528	U	0.528	U
Ethanol				ug/m3	19.4		24.9	
Vinyl bromide				ug/m3	0.874	U	0.874	U
Acetone				ug/m3	670		451	
Trichlorofluoromethane				ug/m3	1.73		1.83	
Isopropanol				ug/m3	2.88		1.93	
1,1-Dichloroethene	6			ug/m3	0.793	U	0.793	U
Tertiary butyl Alcohol				ug/m3	2.8		2.74	
Methylene chloride		100		ug/m3	1.74	U	1.74	U
3-Chloropropene				ug/m3	0.626	U	0.626	U
Carbon disulfide				ug/m3	3.58		20.1	
Freon-113				ug/m3	1.53	U	1.53	U
trans-1,2-Dichloroethene				ug/m3	0.793	U	0.793	U
1,1-Dichloroethane				ug/m3	0.809	U	0.809	U
Methyl tert butyl ether				ug/m3	0.721	U	0.721	U
2-Butanone				ug/m3	195		163	
cis-1,2-Dichloroethene	6			ug/m3	0.793	U	3.77	
Ethyl Acetate				ug/m3	32.2		42.2	
Chloroform				ug/m3	0.977	U	0.977	U
Tetrahydrofuran				ug/m3	3.48		3.3	
1,2-Dichloroethane				ug/m3	0.809	U	0.809	U
n-Hexane				ug/m3	8.42		5.15	
1,1,1-Trichloroethane		100		ug/m3	1.09	U	1.09	U
Benzene				ug/m3	3.58		2.33	
Carbon tetrachloride	6			ug/m3	1.26	U	1.26	U
Cyclohexane				ug/m3	21.7		1.41	
1,2-Dichloropropane				ug/m3	0.924	U	0.924	U
Bromodichloromethane				ug/m3	1.34	U	1.34	U
1,4-Dioxane				ug/m3	0.721	U	0.721	U
Trichloroethene	6			ug/m3	1.07	U	1.07	U
2,2,4-Trimethylpentane				ug/m3	0.934	U	6.4	
Heptane				ug/m3	14.5		2.6	
cis-1,3-Dichloropropene				ug/m3	0.908	U	0.908	U
4-Methyl-2-pentanone				ug/m3	8.73		3.84	
trans-1,3-Dichloropropene				ug/m3	0.908	U	0.908	U
1,1,2-Trichloroethane				ug/m3	1.09	U	1.09	U
Toluene				ug/m3	30.8		23.8	
2-Hexanone				ug/m3	0.82	U	0.82	U
Dibromochloromethane				ug/m3	1.7	U	1.7	U
1,2-Dibromoethane				ug/m3	1.54	U	1.54	U
Tetrachloroethene		100		ug/m3	1.67		2.19	
Chlorobenzene				ug/m3	0.921	U	0.921	U
Ethylbenzene				ug/m3	3.35		2.9	
p/m-Xylene				ug/m3	8.6		9.25	
Bromoform				ug/m3	2.07	U	2.07	U
Styrene				ug/m3	0.852	U	0.852	U
1,1,2,2-Tetrachloroethane				ug/m3	1.37	U	1.37	U
o-Xylene				ug/m3	2.38		2.37	
4-Ethyltoluene				ug/m3	0.983	U	0.983	U
1,3,5-Trimethylbenzene				ug/m3	0.983	U	0.983	U
1,2,4-Trimethylbenzene				ug/m3	1.03		0.983	U
Benzyl chloride				ug/m3	1.04	U	1.04	U
1,3-Dichlorobenzene				ug/m3	1.2	U	1.2	U
1,4-Dichlorobenzene				ug/m3	1.2	U	1.2	U
1,2-Dichlorobenzene				ug/m3	1.2	U	1.2	U
1,2,4-Trichlorobenzene				ug/m3	1.48	U	1.48	U
Hexachlorobutadiene				ug/m3	2.13	U	2.13	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria. U - Non-detect Result
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria

ATTACHMENT A

SOIL BORING LOGS

TEST BORING REPORT

BORING NO. B-1

Page 1 of 1

PROJECT	93 Gerry Street Focused Phase II Environmental Site Investigation	**H&A FILE NO.**	0200663-001
LOCATION	93 Gerry Street, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	2/10/2021
DRILLER	M. Morgenstern	**DATE FINISHED**	2/10/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** Rear of lot

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

Rig Make & Model Geoprobe 6610DT

- ☐ 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: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (in.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	36		0-2'	B-1 (0-2')	**0-7'** Dark brown silty SAND with large pieces of rock and fill material	0.0
					including brick, wood,glass, concrete, and asphalt, mps 1 in, no odor, dry	0.0
						0.0
						0.0
5						0.0
						0.0
	38					0.0
					7-10' Tan to light brown clayey SAND, mps 0.5 mm, no odor, moist	0.0
						0.0
					Groundwater at 9 ft	0.0
10						0.0
	30				**10-15'** Light brown poorly graded SAND with silt, mps 2 mm, no odor, wet	0.0
						0.0
						0.0
15						0.0

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Boring	Water
2/10/2021			15 ft	9 ft

Sample ID

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

Summary

Overburden (Linear ft.)	15
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-1

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

TEST BORING REPORT

BORING NO. B-2

Page 1 of 1

PROJECT	93 Gerry Street Focused Phase II Environmental Site Investigation	**H&A FILE NO.**	0200663-001
LOCATION	93 Gerry Street, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	2/10/2021
DRILLER	M. Morgenstern	**DATE FINISHED**	2/10/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** Western boundary of lot

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

Rig Make & Model Geoprobe 6610DT

- ☐ 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
Direct Push

Drilling Notes:

Depth (ft.)	Recovery (in.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	43		0-2'	B-2 (0-2')	**0-5'** Dark brown silty SAND with fill material including pieces of brick, glass, asphalt, and wood, mps 1 in, no odor, dry	0.0
						0.0
						0.0
						0.0
5						0.0
	34				**5-10'** Tan silty SAND with trace clay, mps 0.5 mm, no odor, moist	0.0
						0.0
					Groundwater at 9 ft	0.0
						0.0
10						0.0
	52		9-11'	B-2 (9-11')	**10-15'** Orange brown transitioning to brown poorly graded SAND, mps 2 mm, no odor, wet	0.0
						0.0
						0.0
						0.0
15						0.0

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Boring	Water
2/10/2021			15 ft	9 ft

Sample ID

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

Summary

Overburden (Linear ft.)	15
Rock Cored (Linear ft.)	0
Number of Samples	2

BORING NO. B-2

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

HALEY ALDRICH

TEST BORING REPORT

BORING NO. B-3

Page 1 of 1

PROJECT	93 Gerry Street Focused Phase II Environmental Site Investigation	**H&A FILE NO.**	0200663-001
LOCATION	93 Gerry Street, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	2/10/2021
DRILLER	M. Morgenstern	**DATE FINISHED**	2/10/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** Center of lot

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

Rig Make & Model Geoprobe 6610DT

- ☐ 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
Direct Push

Drilling Notes:

Depth (ft.)	Recovery (in.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	18		0-2'	B-3 (0-2')	**0-5'** Dark brown silty SAND with trace gravel and fill material including pieces of brick, asphalt, and concrete, mps 1 in, no odor, dry	0.0
						0.0
						0.0
						0.0
5						0.0

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Boring	Depth in feet to: 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
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-4

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

HALEY ALDRICH

TEST BORING REPORT

BORING NO. B-4

Page 1 of 1

PROJECT	93 Gerry Street Focused Phase II Environmental Site Investigation	**H&A FILE NO.**	0200663-001
LOCATION	93 Gerry Street, Brooklyn, New York	**PROJECT MGR.**	M. Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S. Commisso
CONTRACTOR	Coastal Environmental Solutions	**DATE STARTED**	2/10/2021
DRILLER	M. Morgenstern	**DATE FINISHED**	2/10/2021

Elevation ft. **Datum** NAVD-88 **Boring Location** Center of lot

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

Rig Make & Model Geoprobe 6610DT

- ☐ 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: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (in.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	36		0-2'	B-4 (0-2')	**0-5'** Medium dense dark brown transitioning to light brown silty SAND with trace grave	0.0
					material including pieces of brick and asphalt, mps 1/2 in, no odor,	0.0
					moist	0.0
						0.0
						0.0
5						

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

BORING NO. B-4

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

ATTACHMENT B

LABORATORY REPORTS

ANALYTICAL REPORT

Lab Number:	L2106350
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	93 GERRY STREET
Project Number:	0200663-001
Report Date:	02/16/21

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: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2106350-01	B-1 (0-2')	SOIL	93 GERRY STREET, BROOKLYN, NY	02/10/21 10:35	02/10/21
L2106350-02	B-2 (0-2')	SOIL	93 GERRY STREET, BROOKLYN, NY	02/10/21 09:18	02/10/21
L2106350-03	B-2 (9-11')	SOIL	93 GERRY STREET, BROOKLYN, NY	02/10/21 09:26	02/10/21
L2106350-04	B-3 (0-2')	SOIL	93 GERRY STREET, BROOKLYN, NY	02/10/21 10:00	02/10/21
L2106350-05	B-4 (0-2')	SOIL	93 GERRY STREET, BROOKLYN, NY	02/10/21 09:04	02/10/21

Project Name:	93 GERRY STREET	**Lab Number:**	L2106350
Project Number:	0200663-001	**Report Date:**	02/16/21

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:	93 GERRY STREET	**Lab Number:**	L2106350
Project Number:	0200663-001	**Report Date:**	02/16/21

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

L2106350-02D: The sample has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix.

L2106350-02D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L2106350-01, -02, -03 and -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

L2106350-04: The sample has elevated detection limits for all elements 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: 02/16/21

ORGANICS

VOLATILES

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01
Client ID: B-1 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/11/21 20:00
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.21	1
Benzene	ND		ug/kg	0.65	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01 Date Collected: 02/10/21 10:35

Client ID: B-1 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	6.3	J	ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01
Client ID: B-1 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02
Client ID: B-2 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:18
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/11/21 20:26
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02 Date Collected: 02/10/21 09:18

Client ID: B-2 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	25		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02 Date Collected: 02/10/21 09:18

Client ID: B-2 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03
Client ID: B-2 (9-11')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:26
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/11/21 20:51
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03 Date Collected: 02/10/21 09:26

Client ID: B-2 (9-11') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	12		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	12		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03 Date Collected: 02/10/21 09:26

Client ID: B-2 (9-11') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04
Client ID: B-3 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/11/21 21:17
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.25	1
Benzene	ND		ug/kg	0.74	0.25	1
Toluene	1.1	J	ug/kg	1.5	0.81	1
Ethylbenzene	0.40	J	ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04 Date Collected: 02/10/21 10:00

Client ID: B-3 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	19		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	1.6	J	ug/kg	6.0	0.97	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04
Client ID: B-3 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:00
Date Received: 02/10/21
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	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	0.62	J	ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	101		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05
Client ID: B-4 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:04
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/11/21 21:42
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05 Date Collected: 02/10/21 09:04

Client ID: B-4 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05 Date Collected: 02/10/21 09:04

Client ID: B-4 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 19:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1464012-5					
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: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 19:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1464012-5					
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: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 19:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1464012-5					
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	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1464012-3 WG1464012-4								
Methylene chloride	89		90		70-130	1		30
1,1-Dichloroethane	100		102		70-130	2		30
Chloroform	94		95		70-130	1		30
Carbon tetrachloride	97		99		70-130	2		30
1,2-Dichloropropane	102		102		70-130	0		30
Dibromochloromethane	100		103		70-130	3		30
1,1,2-Trichloroethane	91		92		70-130	1		30
Tetrachloroethene	98		100		70-130	2		30
Chlorobenzene	98		100		70-130	2		30
Trichlorofluoromethane	99		100		70-139	1		30
1,2-Dichloroethane	105		104		70-130	1		30
1,1,1-Trichloroethane	93		94		70-130	1		30
Bromodichloromethane	89		91		70-130	2		30
trans-1,3-Dichloropropene	103		105		70-130	2		30
cis-1,3-Dichloropropene	102		104		70-130	2		30
1,1-Dichloropropene	100		101		70-130	1		30
Bromoform	96		96		70-130	0		30
1,1,2,2-Tetrachloroethane	94		96		70-130	2		30
Benzene	97		97		70-130	0		30
Toluene	98		100		70-130	2		30
Ethylbenzene	97		98		70-130	1		30
Chloromethane	91		88		52-130	3		30
Bromomethane	85		84		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1464012-3 WG1464012-4								
Vinyl chloride	90		91		67-130	1		30
Chloroethane	98		98		50-151	0		30
1,1-Dichloroethene	88		90		65-135	2		30
trans-1,2-Dichloroethene	94		94		70-130	0		30
Trichloroethene	92		91		70-130	1		30
1,2-Dichlorobenzene	98		100		70-130	2		30
1,3-Dichlorobenzene	100		102		70-130	2		30
1,4-Dichlorobenzene	99		100		70-130	1		30
Methyl tert butyl ether	100		101		66-130	1		30
p/m-Xylene	101		102		70-130	1		30
o-Xylene	101		104		70-130	3		30
cis-1,2-Dichloroethene	93		95		70-130	2		30
Dibromomethane	98		99		70-130	1		30
Styrene	100		102		70-130	2		30
Dichlorodifluoromethane	89		86		30-146	3		30
Acetone	96		92		54-140	4		30
Carbon disulfide	87		86		59-130	1		30
2-Butanone	79		88		70-130	11		30
Vinyl acetate	94		94		70-130	0		30
4-Methyl-2-pentanone	98		102		70-130	4		30
1,2,3-Trichloropropane	102		105		68-130	3		30
2-Hexanone	89		90		70-130	1		30
Bromochloromethane	101		104		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1464012-3 WG1464012-4								
2,2-Dichloropropane	99		99		70-130	0		30
1,2-Dibromoethane	102		105		70-130	3		30
1,3-Dichloropropane	102		104		69-130	2		30
1,1,1,2-Tetrachloroethane	98		102		70-130	4		30
Bromobenzene	97		100		70-130	3		30
n-Butylbenzene	100		102		70-130	2		30
sec-Butylbenzene	100		103		70-130	3		30
tert-Butylbenzene	100		102		70-130	2		30
o-Chlorotoluene	101		104		70-130	3		30
p-Chlorotoluene	98		100		70-130	2		30
1,2-Dibromo-3-chloropropane	92		90		68-130	2		30
Hexachlorobutadiene	96		96		67-130	0		30
Isopropylbenzene	101		102		70-130	1		30
p-Isopropyltoluene	101		102		70-130	1		30
Naphthalene	93		97		70-130	4		30
Acrylonitrile	99		102		70-130	3		30
n-Propylbenzene	100		101		70-130	1		30
1,2,3-Trichlorobenzene	99		100		70-130	1		30
1,2,4-Trichlorobenzene	100		102		70-130	2		30
1,3,5-Trimethylbenzene	100		102		70-130	2		30
1,2,4-Trimethylbenzene	102		104		70-130	2		30
1,4-Dioxane	92		92		65-136	0		30
p-Diethylbenzene	100		102		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1464012-3 WG1464012-4								
p-Ethyltoluene	102		103		70-130	1		30
1,2,4,5-Tetramethylbenzene	101		103		70-130	2		30
Ethyl ether	101		101		67-130	0		30
trans-1,4-Dichloro-2-butene	98		102		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	103		102		70-130

SEMIVOLATILES

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01
Client ID: B-1 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 10:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/15/21 12:18
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	3200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	77	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	7900	E	ug/kg	180	64.	1
Butyl benzyl phthalate	150	J	ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	1700		ug/kg	180	62.	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01 Date Collected: 02/10/21 10:35

Client ID: B-1 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	1500		ug/kg	110	21.	1
Benzo(a)pyrene	1400		ug/kg	150	45.	1
Benzo(b)fluoranthene	1600		ug/kg	110	31.	1
Benzo(k)fluoranthene	600		ug/kg	110	29.	1
Chrysene	1600		ug/kg	110	19.	1
Acenaphthylene	120	J	ug/kg	150	28.	1
Anthracene	450		ug/kg	110	36.	1
Benzo(ghi)perylene	960		ug/kg	150	22.	1
Fluorene	150	J	ug/kg	180	18.	1
Phenanthrene	2500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	230		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	960		ug/kg	150	26.	1
Pyrene	3100		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	100	J	ug/kg	180	17.	1
2-Methylnaphthalene	51	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01
Client ID: B-1 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:35
Date Received: 02/10/21
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	190		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	18		10-136
4-Terphenyl-d14	60		18-120

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01 D
Client ID: B-1 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 10:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/16/21 03:13
Analyst: ALS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-ethylhexyl)phthalate	9900		ug/kg	370	130	2

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02 D
Client ID: B-2 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 09:18
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 08:21
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/11/21 11:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	180	20
1,2,4-Trichlorobenzene	ND		ug/kg	1800	200	20
Hexachlorobenzene	ND		ug/kg	1100	200	20
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	20
2-Chloronaphthalene	ND		ug/kg	1800	180	20
1,2-Dichlorobenzene	ND		ug/kg	1800	320	20
1,3-Dichlorobenzene	ND		ug/kg	1800	310	20
1,4-Dichlorobenzene	ND		ug/kg	1800	310	20
3,3'-Dichlorobenzidine	ND		ug/kg	1800	470	20
2,4-Dinitrotoluene	ND		ug/kg	1800	360	20
2,6-Dinitrotoluene	ND		ug/kg	1800	300	20
Fluoranthene	250	J	ug/kg	1100	200	20
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	20
4-Bromophenyl phenyl ether	ND		ug/kg	1800	270	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	20
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	20
Hexachlorobutadiene	ND		ug/kg	1800	260	20
Hexachlorocyclopentadiene	ND		ug/kg	5100	1600	20
Hexachloroethane	ND		ug/kg	1400	290	20
Isophorone	ND		ug/kg	1600	230	20
Naphthalene	ND		ug/kg	1800	220	20
Nitrobenzene	ND		ug/kg	1600	260	20
NDPA/DPA	ND		ug/kg	1400	200	20
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	270	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	20
Butyl benzyl phthalate	ND		ug/kg	1800	450	20
Di-n-butylphthalate	ND		ug/kg	1800	340	20
Di-n-octylphthalate	ND		ug/kg	1800	600	20

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02 D Date Collected: 02/10/21 09:18

Client ID: B-2 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	1800	160	20
Dimethyl phthalate	ND		ug/kg	1800	370	20
Benzo(a)anthracene	200	J	ug/kg	1100	200	20
Benzo(a)pyrene	ND		ug/kg	1400	430	20
Benzo(b)fluoranthene	ND		ug/kg	1100	300	20
Benzo(k)fluoranthene	ND		ug/kg	1100	280	20
Chrysene	230	J	ug/kg	1100	180	20
Acenaphthylene	ND		ug/kg	1400	270	20
Anthracene	ND		ug/kg	1100	350	20
Benzo(ghi)perylene	ND		ug/kg	1400	210	20
Fluorene	ND		ug/kg	1800	170	20
Phenanthrene	ND		ug/kg	1100	220	20
Dibenzo(a,h)anthracene	ND		ug/kg	1100	200	20
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1400	250	20
Pyrene	260	J	ug/kg	1100	180	20
Biphenyl	ND		ug/kg	4000	410	20
4-Chloroaniline	ND		ug/kg	1800	320	20
2-Nitroaniline	ND		ug/kg	1800	340	20
3-Nitroaniline	ND		ug/kg	1800	340	20
4-Nitroaniline	ND		ug/kg	1800	740	20
Dibenzofuran	ND		ug/kg	1800	170	20
2-Methylnaphthalene	ND		ug/kg	2100	220	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	180	20
Acetophenone	ND		ug/kg	1800	220	20
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	20
p-Chloro-m-cresol	ND		ug/kg	1800	260	20
2-Chlorophenol	ND		ug/kg	1800	210	20
2,4-Dichlorophenol	ND		ug/kg	1600	290	20
2,4-Dimethylphenol	ND		ug/kg	1800	590	20
2-Nitrophenol	ND		ug/kg	3800	670	20
4-Nitrophenol	ND		ug/kg	2500	730	20
2,4-Dinitrophenol	ND		ug/kg	8500	830	20
4,6-Dinitro-o-cresol	ND		ug/kg	4600	850	20
Pentachlorophenol	ND		ug/kg	1400	390	20
Phenol	ND		ug/kg	1800	270	20
2-Methylphenol	ND		ug/kg	1800	280	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	20

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02 D
Client ID: B-2 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 09:18
Date Received: 02/10/21
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	1800	340	20
Benzoic Acid	ND		ug/kg	5800	1800	20
Benzyl Alcohol	ND		ug/kg	1800	540	20
Carbazole	ND		ug/kg	1800	170	20
1,4-Dioxane	ND		ug/kg	270	82.	20

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

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03
Client ID: B-2 (9-11')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 09:26
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 02:07
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/11/21 11:08

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

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03 Date Collected: 02/10/21 09:26

Client ID: B-2 (9-11') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	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: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03
Client ID: B-2 (9-11')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:26
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	124		10-136
4-Terphenyl-d14	92		18-120

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04
Client ID: B-3 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 10:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 09:27
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/11/21 11:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	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	930		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	89	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: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04 Date Collected: 02/10/21 10:00

Client ID: B-3 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	480		ug/kg	110	21.	1
Benzo(a)pyrene	440		ug/kg	150	46.	1
Benzo(b)fluoranthene	600		ug/kg	110	32.	1
Benzo(k)fluoranthene	170		ug/kg	110	30.	1
Chrysene	460		ug/kg	110	20.	1
Acenaphthylene	60	J	ug/kg	150	29.	1
Anthracene	130		ug/kg	110	36.	1
Benzo(ghi)perylene	270		ug/kg	150	22.	1
Fluorene	59	J	ug/kg	190	18.	1
Phenanthrene	720		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	65	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	280		ug/kg	150	26.	1
Pyrene	820		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	48	J	ug/kg	190	18.	1
2-Methylnaphthalene	83	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	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	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: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04 Date Collected: 02/10/21 10:00

Client ID: B-3 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	90	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	49		18-120

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05
Client ID: B-4 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 09:04
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/15/21 15:56
Analyst: ALS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/11/21 11:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	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	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	49.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	3000		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	79	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	500		ug/kg	190	64.	1
Butyl benzyl phthalate	290		ug/kg	190	47.	1
Di-n-butylphthalate	44	J	ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 93 GERRY STREET **Lab Number:** L2106350

Project Number: 0200663-001 **Report Date:** 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05 Date Collected: 02/10/21 09:04

Client ID: B-4 (0-2') Date Received: 02/10/21

Sample Location: 93 GERRY STREET, 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	2000		ug/kg	110	21.	1
Benzo(a)pyrene	3200		ug/kg	150	45.	1
Benzo(b)fluoranthene	4000		ug/kg	110	31.	1
Benzo(k)fluoranthene	1300		ug/kg	110	30.	1
Chrysene	2200		ug/kg	110	19.	1
Acenaphthylene	270		ug/kg	150	29.	1
Anthracene	510		ug/kg	110	36.	1
Benzo(ghi)perylene	2000		ug/kg	150	22.	1
Fluorene	150	J	ug/kg	190	18.	1
Phenanthrene	2000		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	480		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	150	26.	1
Pyrene	3000		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	100	J	ug/kg	190	18.	1
2-Methylnaphthalene	54	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	25	J	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	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	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	54	J	ug/kg	270	29.	1

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05
Client ID: B-4 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:04
Date Received: 02/10/21
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	500		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	46		18-120

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/11/21 10:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/11/21 06:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05 Batch: WG1463688-1					
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	19.
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	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/11/21 10:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/11/21 06:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05 Batch: WG1463688-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	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: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/11/21 10:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/11/21 06:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05 Batch: WG1463688-1					
4-Nitrophenol	ND		ug/kg	230	67.
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	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	71		18-120

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/15/21 12:34
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/12/21 12:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1464250-1					
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	25.
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: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/15/21 12:34
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/12/21 12:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1464250-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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	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	360	62.

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/15/21 12:34
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/12/21 12:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1464250-1					
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	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	86		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG1463688-2 WG1463688-3								
Acenaphthene	77		80		31-137	4		50
1,2,4-Trichlorobenzene	78		80		38-107	3		50
Hexachlorobenzene	77		78		40-140	1		50
Bis(2-chloroethyl)ether	70		73		40-140	4		50
2-Chloronaphthalene	75		77		40-140	3		50
1,2-Dichlorobenzene	72		74		40-140	3		50
1,3-Dichlorobenzene	70		73		40-140	4		50
1,4-Dichlorobenzene	72		74		28-104	3		50
3,3'-Dichlorobenzidine	74		77		40-140	4		50
2,4-Dinitrotoluene	82		84		40-132	2		50
2,6-Dinitrotoluene	74		75		40-140	1		50
Fluoranthene	73		74		40-140	1		50
4-Chlorophenyl phenyl ether	76		78		40-140	3		50
4-Bromophenyl phenyl ether	78		79		40-140	1		50
Bis(2-chloroisopropyl)ether	70		73		40-140	4		50
Bis(2-chloroethoxy)methane	74		75		40-117	1		50
Hexachlorobutadiene	78		80		40-140	3		50
Hexachlorocyclopentadiene	66		68		40-140	3		50
Hexachloroethane	73		76		40-140	4		50
Isophorone	76		79		40-140	4		50
Naphthalene	73		74		40-140	1		50
Nitrobenzene	74		77		40-140	4		50
NDPA/DPA	75		77		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG1463688-2 WG1463688-3								
n-Nitrosodi-n-propylamine	75		76		32-121	1		50
Bis(2-ethylhexyl)phthalate	92		96		40-140	4		50
Butyl benzyl phthalate	79		81		40-140	3		50
Di-n-butylphthalate	84		85		40-140	1		50
Di-n-octylphthalate	79		84		40-140	6		50
Diethyl phthalate	78		79		40-140	1		50
Dimethyl phthalate	77		77		40-140	0		50
Benzo(a)anthracene	80		83		40-140	4		50
Benzo(a)pyrene	74		77		40-140	4		50
Benzo(b)fluoranthene	78		82		40-140	5		50
Benzo(k)fluoranthene	75		79		40-140	5		50
Chrysene	78		80		40-140	3		50
Acenaphthylene	76		76		40-140	0		50
Anthracene	78		78		40-140	0		50
Benzo(ghi)perylene	76		79		40-140	4		50
Fluorene	73		74		40-140	1		50
Phenanthrene	74		75		40-140	1		50
Dibenzo(a,h)anthracene	76		80		40-140	5		50
Indeno(1,2,3-cd)pyrene	77		80		40-140	4		50
Pyrene	71		72		35-142	1		50
Biphenyl	72		71		37-127	1		50
4-Chloroaniline	69		72		40-140	4		50
2-Nitroaniline	83		83		47-134	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG1463688-2 WG1463688-3								
3-Nitroaniline	69		69		26-129	0		50
4-Nitroaniline	72		72		41-125	0		50
Dibenzofuran	74		76		40-140	3		50
2-Methylnaphthalene	75		77		40-140	3		50
1,2,4,5-Tetrachlorobenzene	71		74		40-117	4		50
Acetophenone	74		77		14-144	4		50
2,4,6-Trichlorophenol	79		79		30-130	0		50
p-Chloro-m-cresol	76		76		26-103	0		50
2-Chlorophenol	74		78		25-102	5		50
2,4-Dichlorophenol	79		82		30-130	4		50
2,4-Dimethylphenol	78		79		30-130	1		50
2-Nitrophenol	83		86		30-130	4		50
4-Nitrophenol	78		79		11-114	1		50
2,4-Dinitrophenol	68		67		4-130	1		50
4,6-Dinitro-o-cresol	70		71		10-130	1		50
Pentachlorophenol	70		73		17-109	4		50
Phenol	67		70		26-90	4		50
2-Methylphenol	75		78		30-130.	4		50
3-Methylphenol/4-Methylphenol	73		76		30-130	4		50
2,4,5-Trichlorophenol	77		79		30-130	3		50
Benzoic Acid	55		59		10-110	7		50
Benzyl Alcohol	74		78		40-140	5		50
Carbazole	73		74		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG1463688-2 WG1463688-3								
1,4-Dioxane	52		53		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		72		25-120
Phenol-d6	73		74		10-120
Nitrobenzene-d5	72		73		23-120
2-Fluorobiphenyl	74		76		30-120
2,4,6-Tribromophenol	80		80		10-136
4-Terphenyl-d14	71		72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1464250-2 WG1464250-3								
Acenaphthene	70		67		31-137	4		50
1,2,4-Trichlorobenzene	72		69		38-107	4		50
Hexachlorobenzene	82		75		40-140	9		50
Bis(2-chloroethyl)ether	66		62		40-140	6		50
2-Chloronaphthalene	79		78		40-140	1		50
1,2-Dichlorobenzene	64		61		40-140	5		50
1,3-Dichlorobenzene	65		62		40-140	5		50
1,4-Dichlorobenzene	62		60		28-104	3		50
3,3'-Dichlorobenzidine	50		48		40-140	4		50
2,4-Dinitrotoluene	90		84		40-132	7		50
2,6-Dinitrotoluene	93		84		40-140	10		50
Fluoranthene	78		73		40-140	7		50
4-Chlorophenyl phenyl ether	81		75		40-140	8		50
4-Bromophenyl phenyl ether	85		80		40-140	6		50
Bis(2-chloroisopropyl)ether	76		74		40-140	3		50
Bis(2-chloroethoxy)methane	83		77		40-117	8		50
Hexachlorobutadiene	70		65		40-140	7		50
Hexachlorocyclopentadiene	78		72		40-140	8		50
Hexachloroethane	60		57		40-140	5		50
Isophorone	73		70		40-140	4		50
Naphthalene	72		69		40-140	4		50
Nitrobenzene	79		77		40-140	3		50
NDPA/DPA	83		79		36-157	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1464250-2 WG1464250-3								
n-Nitrosodi-n-propylamine	87		82		32-121	6		50
Bis(2-ethylhexyl)phthalate	87		82		40-140	6		50
Butyl benzyl phthalate	84		77		40-140	9		50
Di-n-butylphthalate	85		79		40-140	7		50
Di-n-octylphthalate	86		80		40-140	7		50
Diethyl phthalate	78		73		40-140	7		50
Dimethyl phthalate	82		79		40-140	4		50
Benzo(a)anthracene	79		76		40-140	4		50
Benzo(a)pyrene	85		81		40-140	5		50
Benzo(b)fluoranthene	83		78		40-140	6		50
Benzo(k)fluoranthene	71		67		40-140	6		50
Chrysene	71		68		40-140	4		50
Acenaphthylene	79		76		40-140	4		50
Anthracene	72		70		40-140	3		50
Benzo(ghi)perylene	76		72		40-140	5		50
Fluorene	81		76		40-140	6		50
Phenanthrene	76		72		40-140	5		50
Dibenzo(a,h)anthracene	77		72		40-140	7		50
Indeno(1,2,3-cd)pyrene	85		79		40-140	7		50
Pyrene	76		71		35-142	7		50
Biphenyl	88		84		37-127	5		50
4-Chloroaniline	**39**	Q	41		40-140	5		50
2-Nitroaniline	93		86		47-134	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1464250-2 WG1464250-3								
3-Nitroaniline	49		50		26-129	2		50
4-Nitroaniline	77		75		41-125	3		50
Dibenzofuran	80		75		40-140	6		50
2-Methylnaphthalene	82		77		40-140	6		50
1,2,4,5-Tetrachlorobenzene	89		83		40-117	7		50
Acetophenone	91		87		14-144	4		50
2,4,6-Trichlorophenol	101		93		30-130	8		50
p-Chloro-m-cresol	91		86		26-103	6		50
2-Chlorophenol	76		74		25-102	3		50
2,4-Dichlorophenol	90		86		30-130	5		50
2,4-Dimethylphenol	84		80		30-130	5		50
2-Nitrophenol	83		79		30-130	5		50
4-Nitrophenol	98		92		11-114	6		50
2,4-Dinitrophenol	84		80		4-130	5		50
4,6-Dinitro-o-cresol	83		77		10-130	8		50
Pentachlorophenol	93		86		17-109	8		50
Phenol	78		75		26-90	4		50
2-Methylphenol	80		77		30-130.	4		50
3-Methylphenol/4-Methylphenol	86		83		30-130	4		50
2,4,5-Trichlorophenol	90		81		30-130	11		50
Benzoic Acid	69		73		10-110	6		50
Benzyl Alcohol	91		88		40-140	3		50
Carbazole	79		75		54-128	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1464250-2 WG1464250-3								
1,4-Dioxane	49		50		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		71		25-120
Phenol-d6	83		79		10-120
Nitrobenzene-d5	82		77		23-120
2-Fluorobiphenyl	82		79		30-120
2,4,6-Tribromophenol	96		89		10-136
4-Terphenyl-d14	83		73		18-120

METALS

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01
Client ID: B-1 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:35
Date Received: 02/10/21
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	6670		mg/kg	8.44	2.28	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.22	0.321	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Arsenic, Total	2.76		mg/kg	0.844	0.176	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Barium, Total	68.5		mg/kg	0.844	0.147	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Beryllium, Total	0.270	J	mg/kg	0.422	0.028	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.844	0.083	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Calcium, Total	37800		mg/kg	8.44	2.95	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Chromium, Total	14.9		mg/kg	0.844	0.081	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Cobalt, Total	4.37		mg/kg	1.69	0.140	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Copper, Total	23.9		mg/kg	0.844	0.218	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Iron, Total	11000		mg/kg	4.22	0.762	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Lead, Total	79.0		mg/kg	4.22	0.226	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Magnesium, Total	10900		mg/kg	8.44	1.30	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Manganese, Total	802		mg/kg	0.844	0.134	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Mercury, Total	1.38		mg/kg	0.076	0.049	1	02/11/21 10:51	02/11/21 14:21	EPA 7471B	1,7471B	EW
Nickel, Total	8.56		mg/kg	2.11	0.204	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Potassium, Total	776		mg/kg	211	12.2	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Selenium, Total	0.405	J	mg/kg	1.69	0.218	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.844	0.239	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Sodium, Total	143	J	mg/kg	169	2.66	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.69	0.266	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Vanadium, Total	16.9		mg/kg	0.844	0.171	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD
Zinc, Total	70.4		mg/kg	4.22	0.247	2	02/11/21 10:42	02/11/21 15:57	EPA 3050B	1,6010D	GD

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02
Client ID: B-2 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:18
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2800		mg/kg	8.35	2.26	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.18	0.317	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Arsenic, Total	1.19		mg/kg	0.835	0.174	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Barium, Total	33.4		mg/kg	0.835	0.145	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Beryllium, Total	0.033	J	mg/kg	0.418	0.028	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.835	0.082	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Calcium, Total	15800		mg/kg	8.35	2.92	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Chromium, Total	5.07		mg/kg	0.835	0.080	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Cobalt, Total	3.86		mg/kg	1.67	0.139	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Copper, Total	28.8		mg/kg	0.835	0.216	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Iron, Total	13000		mg/kg	4.18	0.754	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Lead, Total	28.5		mg/kg	4.18	0.224	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Magnesium, Total	3740		mg/kg	8.35	1.29	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Manganese, Total	109		mg/kg	0.835	0.133	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.070	0.046	1	02/11/21 10:51	02/11/21 14:25	EPA 7471B	1,7471B	EW
Nickel, Total	4.54		mg/kg	2.09	0.202	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Potassium, Total	686		mg/kg	209	12.0	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.67	0.216	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.835	0.236	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Sodium, Total	175		mg/kg	167	2.63	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.67	0.263	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Vanadium, Total	28.6		mg/kg	0.835	0.170	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD
Zinc, Total	99.2		mg/kg	4.18	0.245	2	02/11/21 10:42	02/11/21 16:01	EPA 3050B	1,6010D	GD

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03
Client ID: B-2 (9-11')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:26
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4660		mg/kg	8.69	2.35	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.34	0.330	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Arsenic, Total	0.704	J	mg/kg	0.869	0.181	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Barium, Total	13.4		mg/kg	0.869	0.151	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Beryllium, Total	0.278	J	mg/kg	0.434	0.029	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.869	0.085	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Calcium, Total	323		mg/kg	8.69	3.04	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Chromium, Total	11.3		mg/kg	0.869	0.083	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Cobalt, Total	3.85		mg/kg	1.74	0.144	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Copper, Total	32.2		mg/kg	0.869	0.224	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Iron, Total	14200		mg/kg	4.34	0.785	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Lead, Total	2.75	J	mg/kg	4.34	0.233	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Magnesium, Total	950		mg/kg	8.69	1.34	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Manganese, Total	102		mg/kg	0.869	0.138	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.072	0.047	1	02/11/21 10:51	02/11/21 14:28	EPA 7471B	1,7471B	EW
Nickel, Total	6.43		mg/kg	2.17	0.210	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Potassium, Total	335		mg/kg	217	12.5	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.74	0.224	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.869	0.246	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Sodium, Total	49.9	J	mg/kg	174	2.74	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.74	0.274	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Vanadium, Total	20.9		mg/kg	0.869	0.176	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD
Zinc, Total	16.6		mg/kg	4.34	0.255	2	02/11/21 10:42	02/11/21 16:06	EPA 3050B	1,6010D	GD

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04
Client ID: B-3 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4120		mg/kg	8.66	2.34	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Antimony, Total	5.32		mg/kg	4.33	0.329	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Arsenic, Total	18.5		mg/kg	0.866	0.180	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Barium, Total	355		mg/kg	0.866	0.151	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Beryllium, Total	0.883		mg/kg	0.433	0.029	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Cadmium, Total	0.268	J	mg/kg	0.866	0.085	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Calcium, Total	56200		mg/kg	8.66	3.03	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Chromium, Total	33.8		mg/kg	0.866	0.083	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Cobalt, Total	11.7		mg/kg	1.73	0.144	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Copper, Total	332		mg/kg	0.866	0.223	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Iron, Total	31300		mg/kg	4.33	0.782	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Lead, Total	1170		mg/kg	4.33	0.232	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Magnesium, Total	7750		mg/kg	8.66	1.33	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Manganese, Total	295		mg/kg	0.866	0.138	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Mercury, Total	3.82		mg/kg	0.751	0.490	10	02/11/21 10:51	02/11/21 14:42	EPA 7471B	1,7471B	EW
Nickel, Total	33.6		mg/kg	2.16	0.210	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Potassium, Total	564		mg/kg	216	12.5	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Selenium, Total	1.25	J	mg/kg	1.73	0.223	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Silver, Total	0.494	J	mg/kg	0.866	0.245	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Sodium, Total	308		mg/kg	173	2.73	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.73	0.273	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Vanadium, Total	35.9		mg/kg	0.866	0.176	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD
Zinc, Total	1670		mg/kg	4.33	0.254	2	02/11/21 10:42	02/11/21 16:10	EPA 3050B	1,6010D	GD

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05
Client ID: B-4 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 09:04
Date Received: 02/10/21
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	5560		mg/kg	8.52	2.30	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Antimony, Total	2.09	J	mg/kg	4.26	0.324	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Arsenic, Total	4.95		mg/kg	0.852	0.177	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Barium, Total	77.6		mg/kg	0.852	0.148	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Beryllium, Total	0.298	J	mg/kg	0.426	0.028	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.852	0.083	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Calcium, Total	2390		mg/kg	8.52	2.98	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Chromium, Total	18.3		mg/kg	0.852	0.082	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Cobalt, Total	7.54		mg/kg	1.70	0.141	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Copper, Total	38.8		mg/kg	0.852	0.220	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Iron, Total	56100		mg/kg	42.6	7.69	20	02/11/21 10:42	02/11/21 16:48	EPA 3050B	1,6010D	GD
Lead, Total	104		mg/kg	4.26	0.228	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Magnesium, Total	1530		mg/kg	8.52	1.31	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Manganese, Total	380		mg/kg	0.852	0.135	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Mercury, Total	0.350		mg/kg	0.072	0.047	1	02/11/21 10:51	02/11/21 14:38	EPA 7471B	1,7471B	EW
Nickel, Total	24.7		mg/kg	2.13	0.206	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Potassium, Total	574		mg/kg	213	12.3	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Selenium, Total	0.375	J	mg/kg	1.70	0.220	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.852	0.241	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Sodium, Total	62.4	J	mg/kg	170	2.68	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.70	0.268	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Vanadium, Total	30.4		mg/kg	0.852	0.173	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD
Zinc, Total	85.7		mg/kg	4.26	0.250	2	02/11/21 10:42	02/11/21 16:15	EPA 3050B	1,6010D	GD

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1463773-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Antimony, Total	0.160	J	mg/kg	2.00	0.152	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Potassium, Total	6.80	J	mg/kg	100	5.76	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Sodium, Total	18.5	J	mg/kg	80.0	1.26	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/11/21 09:59	02/11/21 12:51	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1463775-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/11/21 10:51	02/11/21 13:42	1,7471B	EW

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106350
Report Date: 02/16/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1463773-2 SRM Lot Number: D109-540								
Aluminum, Total	69		-		50-150	-		
Antimony, Total	180		-		19-250	-		
Arsenic, Total	104		-		70-130	-		
Barium, Total	96		-		75-125	-		
Beryllium, Total	99		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Calcium, Total	92		-		73-128	-		
Chromium, Total	99		-		70-130	-		
Cobalt, Total	102		-		75-125	-		
Copper, Total	102		-		75-125	-		
Iron, Total	98		-		35-165	-		
Lead, Total	99		-		72-128	-		
Magnesium, Total	88		-		62-138	-		
Manganese, Total	95		-		74-126	-		
Nickel, Total	99		-		70-130	-		
Potassium, Total	84		-		59-141	-		
Selenium, Total	104		-		68-132	-		
Silver, Total	99		-		68-131	-		
Sodium, Total	119		-		35-165	-		
Thallium, Total	101		-		68-131	-		
Vanadium, Total	100		-		59-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1463773-2 SRM Lot Number: D109-540					
Zinc, Total	94	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1463775-2 SRM Lot Number: D109-540					
Mercury, Total	98	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1463773-3 QC Sample: L2106251-01 Client ID: MS Sample												
Aluminum, Total	3420	170	4290	**510**	Q	-	-		75-125	-		20
Antimony, Total	ND	42.6	32.5	76		-	-		75-125	-		20
Arsenic, Total	2.58	10.2	11.5	87		-	-		75-125	-		20
Barium, Total	23.1	170	157	78		-	-		75-125	-		20
Beryllium, Total	0.122J	4.26	3.33	78		-	-		75-125	-		20
Cadmium, Total	ND	4.35	2.54	**58**	Q	-	-		75-125	-		20
Calcium, Total	47800	853	48600	94		-	-		75-125	-		20
Chromium, Total	4.85	17	16.9	**71**	Q	-	-		75-125	-		20
Cobalt, Total	2.53	42.6	29.4	**63**	Q	-	-		75-125	-		20
Copper, Total	8.66	21.3	30.0	100		-	-		75-125	-		20
Iron, Total	7480	85.3	9080	**1880**	Q	-	-		75-125	-		20
Lead, Total	6.99	43.5	35.7	**66**	Q	-	-		75-125	-		20
Magnesium, Total	14900	853	12000	**0**	Q	-	-		75-125	-		20
Manganese, Total	248	42.6	282	80		-	-		75-125	-		20
Nickel, Total	4.70	42.6	30.5	**60**	Q	-	-		75-125	-		20
Potassium, Total	907	853	1360	**53**	Q	-	-		75-125	-		20
Selenium, Total	0.299J	10.2	7.94	78		-	-		75-125	-		20
Silver, Total	ND	25.6	21.2	83		-	-		75-125	-		20
Sodium, Total	536	853	1370	98		-	-		75-125	-		20
Thallium, Total	ND	10.2	5.52	**54**	Q	-	-		75-125	-		20
Vanadium, Total	8.28	42.6	37.9	**69**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1463773-3 QC Sample: L2106251-01 Client ID: MS Sample										
Zinc, Total	36.9	42.6	77.0	94		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1463775-3 QC Sample: L2106251-01 Client ID: MS Sample										
Mercury, Total	ND	0.158	0.085	**54**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1463773-4 QC Sample: L2106251-01 Client ID: DUP Sample						
Arsenic, Total	2.58	2.94	mg/kg	13		20
Barium, Total	23.1	25.3	mg/kg	9		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	4.85	5.79	mg/kg	18		20
Lead, Total	6.99	9.83	mg/kg	**34**	Q	20
Selenium, Total	0.299J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1463775-4 QC Sample: L2106251-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-01
Client ID: B-1 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Sample Depth:
Matrix: Soil

Date Collected: 02/10/21 10:35
Date Received: 02/10/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	02/11/21 06:52	121,2540G	RI

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-02
Client ID: B-2 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 09:18
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	02/11/21 06:52	121,2540G	RI

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-03
Client ID: B-2 (9-11')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 09:26
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	02/11/21 06:52	121,2540G	RI

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-04
Client ID: B-3 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 10:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	02/11/21 06:52	121,2540G	RI

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106350-05
Client ID: B-4 (0-2')
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 09:04
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	02/11/21 06:52	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1463684-1 QC Sample: L2106234-01 Client ID: DUP Sample						
Solids, Total	85.9	84.8	%	1		20

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106350
Report Date: 02/16/21

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(*)
L2106350-01A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2106350-01B	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-01C	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-01D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2106350-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2106350-01F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14)
L2106350-02A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2106350-02B	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-02C	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-02D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2106350-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2106350-02F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14)
L2106350-03A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2106350-03B	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-03C	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-03D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2106350-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2106350-03F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14)
L2106350-04A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2106350-04B	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-04C	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-04D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2106350-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2106350-04F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14)
L2106350-05A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2106350-05B	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-05C	Vial water preserved	A	NA		3.6	Y	Absent	11-FEB-21 03:04	NYTCL-8260HLW(14)
L2106350-05D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2106350-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2106350-05F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	93 GERRY STREET	**Lab Number:**	L2106350
Project Number:	0200663-001	**Report Date:**	02/16/21

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:	93 GERRY STREET	**Lab Number:**	L2106350
Project Number:	0200663-001	**Report Date:**	02/16/21

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). 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:	93 GERRY STREET	**Lab Number:**	L2106350
Project Number:	0200663-001	**Report Date:**	02/16/21

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	93 GERRY STREET	**Lab Number:**	L2106350
Project Number:	0200663-001	**Report Date:**	02/16/21

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 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
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.**

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.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 2/10/21

ALPHA Job #: L2106350

Client Information

Client: Haley and 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: 93 Gerry Street
Project Location: 93 Gerry Street, Brooklyn, NY
Project # 0200663-001
(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

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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	Total Solids-SM 2540	TCL-Volatiles EPA 8260C	NYTCL Semivolatiles EPA 8270D	TAL Metals Total 6010D					Sample Specific Comments	Total Bottle
06350-01	B-1 (0-2')	2/10/21	1035	S	SC	X	X	X	X						6
-02	B-2 (0-2')	2/10/21	0918	S	SC	X	X	X	X						6
-03	B-2 (9-11')	2/10/21	0926	S	SC	X	X	X	X						6
-04	B-3 (0-2')	2/10/21	1000	S	SC	X	X	X	X						6
-05	B-4 (0-2')	2/10/21	0904	S	SC	X	X	X	X						6
Container Type						P	V	G	G						
Preservative						A	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
[signature]	2/10/21 1235	[signature] (AAI)	2/10/21 1235
[signature] (AAI)	2/10/21 1700	[signature]	2/10/21 1715
[signature]	2/10/21 2145	[signature]	2/10/21 2145

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:	L2106351
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	93 GERRY STREET
Project Number:	0200663-001
Report Date:	02/12/21

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: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106351
Report Date: 02/12/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2106351-01	TW-1	WATER	93 GERRY STREET, BROOKLYN, NY	02/10/21 10:58	02/10/21
L2106351-02	TW-2	WATER	93 GERRY STREET, BROOKLYN, NY	02/10/21 10:10	02/10/21

Project Name:	93 GERRY STREET	**Lab Number:**	L2106351
Project Number:	0200663-001	**Report Date:**	02/12/21

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:	93 GERRY STREET	**Lab Number:**	L2106351
Project Number:	0200663-001	**Report Date:**	02/12/21

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 02/12/21

ORGANICS

VOLATILES

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106351
Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106351-01
Client ID: TW-1
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:58
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/11/21 18:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 93 GERRY STREET **Lab Number:** L2106351

Project Number: 0200663-001 **Report Date:** 02/12/21

SAMPLE RESULTS

Lab ID: L2106351-01 Date Collected: 02/10/21 10:58

Client ID: TW-1 Date Received: 02/10/21

Sample Location: 93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106351
Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106351-01
Client ID: TW-1
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:58
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	114		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106351
Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106351-02 D
Client ID: TW-2
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:10
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/11/21 18:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	0.97	J	ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	3.4		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	0.48	J	ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5

Project Name: 93 GERRY STREET **Lab Number:** L2106351

Project Number: 0200663-001 **Report Date:** 02/12/21

SAMPLE RESULTS

Lab ID: L2106351-02 D Date Collected: 02/10/21 10:10

Client ID: TW-2 Date Received: 02/10/21

Sample Location: 93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.5		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
Xylenes, Total	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	360		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	360		ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
Vinyl acetate	ND		ug/l	12	2.5	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	ND		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	ND		ug/l	6.2	1.8	2.5

Project Name: 93 GERRY STREET
Lab Number: L2106351
Project Number: 0200663-001
Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106351-02 D
Client ID: TW-2
Sample Location: 93 GERRY STREET, BROOKLYN, NY
Date Collected: 02/10/21 10:10
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
p-Diethylbenzene	ND		ug/l	5.0	1.8	2.5
p-Ethyltoluene	ND		ug/l	5.0	1.8	2.5
1,2,4,5-Tetramethylbenzene	ND		ug/l	5.0	1.4	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	116		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106351
Report Date: 02/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 17:13
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1464217-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106351
Report Date: 02/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 17:13
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1464217-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106351
Report Date: 02/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 17:13
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1464217-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	114		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106351
Report Date: 02/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1464217-3 WG1464217-4								
Methylene chloride	96		93		70-130	3		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	91		89		70-130	2		20
Carbon tetrachloride	86		86		63-132	0		20
1,2-Dichloropropane	91		90		70-130	1		20
Dibromochloromethane	75		74		63-130	1		20
1,1,2-Trichloroethane	84		83		70-130	1		20
Tetrachloroethene	90		90		70-130	0		20
Chlorobenzene	92		92		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	95		93		70-130	2		20
1,1,1-Trichloroethane	92		92		67-130	0		20
Bromodichloromethane	83		82		67-130	1		20
trans-1,3-Dichloropropene	78		80		70-130	3		20
cis-1,3-Dichloropropene	83		82		70-130	1		20
1,1-Dichloropropene	89		90		70-130	1		20
Bromoform	71		72		54-136	1		20
1,1,2,2-Tetrachloroethane	83		85		67-130	2		20
Benzene	90		90		70-130	0		20
Toluene	89		90		70-130	1		20
Ethylbenzene	88		88		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	97		100		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106351
Report Date: 02/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1464217-3 WG1464217-4								
Vinyl chloride	120		110		55-140	9		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	97		98		61-145	1		20
trans-1,2-Dichloroethene	97		97		70-130	0		20
Trichloroethene	76		78		70-130	3		20
1,2-Dichlorobenzene	92		91		70-130	1		20
1,3-Dichlorobenzene	91		91		70-130	0		20
1,4-Dichlorobenzene	91		92		70-130	1		20
Methyl tert butyl ether	82		81		63-130	1		20
p/m-Xylene	85		85		70-130	0		20
o-Xylene	85		90		70-130	6		20
cis-1,2-Dichloroethene	94		93		70-130	1		20
Dibromomethane	92		89		70-130	3		20
1,2,3-Trichloropropane	84		87		64-130	4		20
Acrylonitrile	84		82		70-130	2		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	83		80		58-148	4		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	80		72		63-138	11		20
Vinyl acetate	79		78		70-130	1		20
4-Methyl-2-pentanone	73		73		59-130	0		20
2-Hexanone	77		78		57-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106351
Report Date: 02/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1464217-3 WG1464217-4								
Bromochloromethane	100		96		70-130	4		20
2,2-Dichloropropane	88		88		63-133	0		20
1,2-Dibromoethane	88		88		70-130	0		20
1,3-Dichloropropane	85		85		70-130	0		20
1,1,1,2-Tetrachloroethane	80		80		64-130	0		20
Bromobenzene	92		92		70-130	0		20
n-Butylbenzene	89		88		53-136	1		20
sec-Butylbenzene	88		88		70-130	0		20
tert-Butylbenzene	75		75		70-130	0		20
o-Chlorotoluene	81		81		70-130	0		20
p-Chlorotoluene	85		85		70-130	0		20
1,2-Dibromo-3-chloropropane	80		80		41-144	0		20
Hexachlorobutadiene	90		91		63-130	1		20
Isopropylbenzene	88		88		70-130	0		20
p-Isopropyltoluene	89		89		70-130	0		20
Naphthalene	89		93		70-130	4		20
n-Propylbenzene	87		87		69-130	0		20
1,2,3-Trichlorobenzene	89		92		70-130	3		20
1,2,4-Trichlorobenzene	91		92		70-130	1		20
1,3,5-Trimethylbenzene	86		86		64-130	0		20
1,2,4-Trimethylbenzene	87		87		70-130	0		20
1,4-Dioxane	58		62		56-162	7		20
p-Diethylbenzene	88		88		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106351
Report Date: 02/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1464217-3 WG1464217-4								
p-Ethyltoluene	87		88		70-130	1		20
1,2,4,5-Tetramethylbenzene	87		86		70-130	1		20
Ethyl ether	98		98		59-134	0		20
trans-1,4-Dichloro-2-butene	76		78		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	110		111		70-130

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106351
Report Date: 02/12/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2106351-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2106351-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2106351-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2106351-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2106351-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2106351-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	93 GERRY STREET	**Lab Number:**	L2106351
Project Number:	0200663-001	**Report Date:**	02/12/21

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	93 GERRY STREET	**Lab Number:**	L2106351
Project Number:	0200663-001	**Report Date:**	02/12/21

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). 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:	93 GERRY STREET	**Lab Number:**	L2106351
Project Number:	0200663-001	**Report Date:**	02/12/21

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	93 GERRY STREET	**Lab Number:**	L2106351
Project Number:	0200663-001	**Report Date:**	02/12/21

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
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.**

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.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

ALPHA ANALYTICAL

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

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

NEW YORK CHAIN OF CUSTODY

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

Page 1 of 1

Date Rec'd in Lab: 2/10/21

ALPHA Job #: L2106351

Client Information
Client: Haley and 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: 93 Berry Street
Project Location: 93 Berry Street, Brooklyn, NY
Project # 0200663-007
(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

Billing Information
☒ Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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	NYTCL 8260 VOCs	Sample Specific Comments	Total Bottle
06351-01	TW-1	2/10/21	1058	GW	SC	X		3
-02	TW-2	2/10/21	1010	GW	SC	X		3

Container Type: V
Preservative: B

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
	2/10/21 1235		2/10/21 1235
	2/10/21 1700		
	2/10/21 2145		2/10/21 2145

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:	L2106353
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	93 GERRY STREET
Project Number:	0200663-001
Report Date:	02/15/21

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: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2106353-01	SV-1	SOIL_VAPOR	93 GERRY STREET, BROOKLYN, NY	02/10/21 12:26	02/10/21
L2106353-02	SV-2	SOIL_VAPOR	93 GERRY STREET, BROOKLYN, NY	02/10/21 11:45	02/10/21

Project Name:	93 GERRY STREET	**Lab Number:**	L2106353
Project Number:	0200663-001	**Report Date:**	02/15/21

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:	93 GERRY STREET	**Lab Number:**	L2106353
Project Number:	0200663-001	**Report Date:**	02/15/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 10, 2021. The canister certification results are provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 02/15/21

AIR

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

SAMPLE RESULTS

Lab ID: L2106353-01
Client ID: SV-1
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 12:26
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/13/21 02:40
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.361	0.200	--	1.79	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	1.78	0.200	--	3.94	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	10.3	5.00	--	19.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	282	1.00	--	670	2.38	--		1
Trichlorofluoromethane	0.308	0.200	--	1.73	1.12	--		1
Isopropanol	1.17	0.500	--	2.88	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.923	0.500	--	2.80	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.15	0.200	--	3.58	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	66.1	0.500	--	195	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

SAMPLE RESULTS

Lab ID: L2106353-01
Client ID: SV-1
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 12:26
Date Received: 02/10/21
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	8.94	0.500	--	32.2	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.18	0.500	--	3.48	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.39	0.200	--	8.42	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.12	0.200	--	3.58	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	6.31	0.200	--	21.7	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	3.53	0.200	--	14.5	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	2.13	0.500	--	8.73	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	8.17	0.200	--	30.8	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	0.247	0.200	--	1.67	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.772	0.200	--	3.35	0.869	--		1

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106353
Report Date: 02/15/21

SAMPLE RESULTS

Lab ID: L2106353-01
Client ID: SV-1
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 12:26
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.98	0.400	--	8.60	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.547	0.200	--	2.38	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	0.209	0.200	--	1.03	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	110		60-140
Bromochloromethane	110		60-140
chlorobenzene-d5	109		60-140

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106353
Report Date: 02/15/21

SAMPLE RESULTS

Lab ID: L2106353-02
Client ID: SV-2
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 11:45
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/13/21 03:20
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.376	0.200	--	1.86	0.989	--		1
Chloromethane	0.310	0.200	--	0.640	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	0.331	0.200	--	0.846	0.511	--		1
1,3-Butadiene	1.70	0.200	--	3.76	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	13.2	5.00	--	24.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	190	1.00	--	451	2.38	--		1
Trichlorofluoromethane	0.326	0.200	--	1.83	1.12	--		1
Isopropanol	0.786	0.500	--	1.93	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.904	0.500	--	2.74	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	6.47	0.200	--	20.1	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	55.2	0.500	--	163	1.47	--		1
cis-1,2-Dichloroethene	0.950	0.200	--	3.77	0.793	--		1

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106353
Report Date: 02/15/21

SAMPLE RESULTS

Lab ID: L2106353-02
Client ID: SV-2
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 11:45
Date Received: 02/10/21
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	11.7	0.500	--	42.2	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.12	0.500	--	3.30	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.46	0.200	--	5.15	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.728	0.200	--	2.33	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.410	0.200	--	1.41	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	1.37	0.200	--	6.40	0.934	--		1
Heptane	0.635	0.200	--	2.60	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.937	0.500	--	3.84	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	6.31	0.200	--	23.8	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	0.323	0.200	--	2.19	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.667	0.200	--	2.90	0.869	--		1

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

SAMPLE RESULTS

Lab ID: L2106353-02
Client ID: SV-2
Sample Location: 93 GERRY STREET, BROOKLYN, NY

Date Collected: 02/10/21 11:45
Date Received: 02/10/21
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	2.13	0.400	--	9.25	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.546	0.200	--	2.37	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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	109		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	102		60-140

Project Name: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106353
Report Date: 02/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/12/21 14:17

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: WG1464306-4								
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: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106353
Report Date: 02/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/12/21 14:17

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: WG1464306-4								
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: 93 GERRY STREET
Project Number: 0200663-001
Lab Number: L2106353
Report Date: 02/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/12/21 14:17

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: WG1464306-4								
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: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

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: WG1464306-3								
Dichlorodifluoromethane	87		-		70-130	-		
Chloromethane	87		-		70-130	-		
Freon-114	93		-		70-130	-		
Vinyl chloride	86		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Bromomethane	85		-		70-130	-		
Chloroethane	84		-		70-130	-		
Ethanol	84		-		40-160	-		
Vinyl bromide	82		-		70-130	-		
Acetone	60		-		40-160	-		
Trichlorofluoromethane	86		-		70-130	-		
Isopropanol	69		-		40-160	-		
1,1-Dichloroethene	89		-		70-130	-		
Tertiary butyl Alcohol	75		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	89		-		70-130	-		
Carbon disulfide	86		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	101		-		70-130	-		
1,1-Dichloroethane	102		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	92		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

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: WG1464306-3								
Ethyl Acetate	95		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	93		-		70-130	-		
1,2-Dichloroethane	89		-		70-130	-		
n-Hexane	94		-		70-130	-		
1,1,1-Trichloroethane	100		-		70-130	-		
Benzene	97		-		70-130	-		
Carbon tetrachloride	101		-		70-130	-		
Cyclohexane	96		-		70-130	-		
1,2-Dichloropropane	97		-		70-130	-		
Bromodichloromethane	100		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	109		-		70-130	-		
4-Methyl-2-pentanone	102		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	105		-		70-130	-		
Toluene	94		-		70-130	-		
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	108		-		70-130	-		
1,2-Dibromoethane	107		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

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: WG1464306-3								
Tetrachloroethene	99		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	109		-		70-130	-		
Styrene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	102		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	90		-		70-130	-		
1,2,4-Trimethylbenzene	101		-		70-130	-		
Benzyl chloride	99		-		70-130	-		
1,3-Dichlorobenzene	101		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		
1,2-Dichlorobenzene	97		-		70-130	-		
1,2,4-Trichlorobenzene	107		-		70-130	-		
Hexachlorobutadiene	105		-		70-130	-		

Project Name: 93 GERRY STREET

Project Number: 0200663-001

Lab Number: L2106353

Report Date: 02/15/21

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
L2106353-01	SV-1	01698	Flow 3	02/10/21	342446		-	-	-	Pass	18.0	17.3	4
L2106353-01	SV-1	2346	2.7L Can	02/10/21	342446	L2105922-02	Pass	-29.4	-7.0	-	-	-	-
L2106353-02	SV-2	0973	Flow 4	02/10/21	342446		-	-	-	Pass	18.0	18.2	1
L2106353-02	SV-2	3100	2.7L Can	02/10/21	342446	L2105922-02	Pass	-29.2	-1.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/07/21 00:11
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: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
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
Xylenes, total	ND	0.600	--	ND	0.869	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		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
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
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		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: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
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: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
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
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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

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

Lab Number: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
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								
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/07/21 00:11
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: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
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	0.050	--	ND	0.188	--		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
Project Number: CANISTER QC BAT
Lab Number: L2105922
Report Date: 02/15/21

Air Canister Certification Results

Lab ID: L2105922-02
Client ID: CAN 531 SHELF 14
Sample Location:

Date Collected: 02/05/21 16:00
Date Received: 02/06/21
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	98		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: 93 GERRY STREET
Project Number: 0200663-001

Lab Number: L2106353
Report Date: 02/15/21

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(*)
L2106353-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2106353-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	93 GERRY STREET	**Lab Number:**	L2106353
Project Number:	0200663-001	**Report Date:**	02/15/21

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:	93 GERRY STREET	**Lab Number:**	L2106353
Project Number:	0200663-001	**Report Date:**	02/15/21

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). 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:	93 GERRY STREET	**Lab Number:**	L2106353
Project Number:	0200663-001	**Report Date:**	02/15/21

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.

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 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
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.**

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.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab: 2/11/21

ALPHA Job #: L2106353

Client Information

Client: Haley and Aldrich of New York

Address: 237 West 35th Street, 16th floor, New York, NY 10123

Phone:

Fax:

Email: MConlon@haleyaldrich.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 93 Berry Street

Project Location: 93 Berry Street, Brooklyn, NY

Project #: 0200663-001

Project Manager: Mari Cate Conlon

ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX

☐ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☑ EMAIL (standard pdf report)

☐ Additional Deliverables: PDF + excel

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (subject to non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
06353-01	SV-1	2/10/21	1026	1226	-31.10	-9.65	SV	SC	2.7L	2346	01698	X					
-02	SV-2	2/10/21	0945	1145	-30.66	-4.89	SV	SC	2.7L	3100	6973	X					

*SAMPLE MATRIX CODES

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

Container Type: SV

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature] (ALAL)	2/10/21 1235	[signature] (ALAL)	2/10/21 1235
[signature]	2/10/21 1700	[signature]	2/11/21 330

SECTION III.2: SAMPLING DATA

See Application Section III.2 for overview tables of the sampling data from the Phase II conducted on 10 February 2021. The findings of the Phase II investigation are as follows:

Soil: Soil results were compared to New York State Department of Environmental Conservation (NYSDEC) 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted-Residential Use Soil Cleanup Objectives (RRSCOs). Several semi-volatile organic compounds (SVOCs) were identified in shallow soil samples exceeding both UUSCOs and RRSCOs. In borings B-1 (0-2') and B-4 (0-2') benzo(a)anthracene (maximum 2.0 mg/kg), benzo(a)pyrene (3.2 mg/kg), benzo(b)fluoranthene (4.0 mg/kg), and indeno(1,2,3-cd)pyrene (maximum 2.2 mg/kg) were identified above RRSCOs. Additionally dibenzo(a,h)anthracene (0.48 mg/kg) was detected in boring B-4 (0-2') above RRSCOs. Benzo(k)fluoranthene (1.3 mg/kg) was detected above UUSCOs in B-4 (0-2') and chrysene (maximum 2.2 mg/kg) was detected above UUSCOs in borings B-1 (0-2') and B-4 (0-2'). Several metals were found at concentrations exceeding both UUSCOs and RRSCOs in multiple shallow soil samples including lead (maximum 1170 mg/kg) and mercury (maximum 3.82 mg/kg), both with highest concentrations in boring B-3 (0-2'). Arsenic was detected above RRSCOs in boring B-3 (0-2') at 18.5 mg/kg. In boring B-3 (0-2') barium (355 mg/kg), nickel (33.6 mg/kg), and zinc (1670 mg/kg) were detected above UUSCOs but not RRSCOs.

Groundwater: Two VOCs, vinyl chloride (3.4 µg/L) and cis-1,2-dichloroethene (maximum 360 µg/L) were detected above NYSDEC 6NYCRR Part 703.5 Class GA Ambient Water Quality Standards (AWQS) in TW-2. No VOCs were detected above method detection limits in TW-1.

Soil Vapor: Soil vapor results were compared to the New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, May 2017, Matrix A, B, and C guidance values. No VOCs were detected above guidance values. However, several VOCs were detected at concentrations exceeding the method detection limit including vinyl chloride (0.846 µg/m^3) and cis-1,2-dichloroethene (3.77 µg/m^3) in SV-2. Additionally, tetrachloroethene (maximum 2.19 µg/m^3) was detected in both soil vapor samples above method detection limits.

See attached Analytical results from the Phase II (Tables 1 through 3). Please also refer to the attached USB drive containing the full Phase II submitted to Waterfront Management New York in February 2021.

Section III.2: Sampling Data

Analytical Results from February 2021 Phase II (Tables 1-3 – extracted from the Phase II)

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
SAMPLING DATE				2/10/2021		2/10/2021		2/10/2021		2/10/2021		2/10/2021	
LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry													
Solids, Total			%	89.3		93		88.3		88.3		89.3	
Total Metals													
Aluminum, Total			mg/kg	6670		2800		4660		4120		5560	
Antimony, Total			mg/kg	4.22	U	4.18	U	4.34	U	5.32		2.09	J
Arsenic, Total	16	13	mg/kg	2.76		1.19		0.704	J	18.5		4.95	
Barium, Total	400	350	mg/kg	68.5		33.4		13.4		355		77.6	
Beryllium, Total	72	7.2	mg/kg	0.27	J	0.033	J	0.278	J	0.883		0.298	J
Cadmium, Total	4.3	2.5	mg/kg	0.844	U	0.835	U	0.869	U	0.268	J	0.852	U
Calcium, Total			mg/kg	37800		15800		323		56200		2390	
Chromium, Total			mg/kg	14.9		5.07		11.3		33.8		18.3	
Cobalt, Total			mg/kg	4.37		3.86		3.85		11.7		7.54	
Copper, Total	270	50	mg/kg	23.9		28.8		32.2		332		38.8	
Iron, Total			mg/kg	11000		13000		14200		31300		56100	
Lead, Total	400	63	mg/kg	79		28.5		2.75	J	1170		104	
Magnesium, Total			mg/kg	10900		3740		950		7750		1530	
Manganese, Total	2000	1600	mg/kg	802		109		102		295		380	
Mercury, Total	0.81	0.18	mg/kg	1.38		0.07	U	0.072	U	3.82		0.35	
Nickel, Total	310	30	mg/kg	8.56		4.54		6.43		33.6		24.7	
Potassium, Total			mg/kg	776		686		335		564		574	
Selenium, Total	180	3.9	mg/kg	0.405	J	1.67	U	1.74	U	1.25	J	0.375	J
Silver, Total	180	2	mg/kg	0.844	U	0.835	U	0.869	U	0.494	J	0.852	U
Sodium, Total			mg/kg	143	J	175		49.9	J	308		62.4	J
Thallium, Total			mg/kg	1.69	U	1.67	U	1.74	U	1.73	U	1.7	U
Vanadium, Total			mg/kg	16.9		28.6		20.9		35.9		30.4	
Zinc, Total	10000	109	mg/kg	70.4		99.2		16.6		1670		85.7	
Semivolatile Organics by GC/MS													
Acenaphthene	100	20	mg/kg	0.16		1.4	U	0.15	U	0.057	J	0.1	J
1,2,4-Trichlorobenzene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Hexachlorobenzene	1.2	0.33	mg/kg	0.11	U	1.1	U	0.11	U	0.11	U	0.11	U
Bis(2-chloroethyl)ether			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U
2-Chloronaphthalene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
3,3'-Dichlorobenzidine			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2,4-Dinitrotoluene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2,6-Dinitrotoluene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Fluoranthene	100	100	mg/kg	3.2		0.25	J	0.11	U	0.93		3	
4-Chlorophenyl phenyl ether			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
4-Bromophenyl phenyl ether			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Bis(2-chloroisopropyl)ether			mg/kg	0.22	U	2.1	U	0.22	U	0.22	U	0.22	U
Bis(2-chloroethoxy)methane			mg/kg	0.2	U	1.9	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Hexachlorocyclopentadiene			mg/kg	0.52	U	5.1	U	0.53	U	0.54	U	0.53	U
Hexachloroethane			mg/kg	0.15	U	1.4	U	0.15	U	0.15	U	0.15	U
Isophorone			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U
Naphthalene	100	12	mg/kg	0.077	J	1.8	U	0.18	U	0.089	J	0.079	J
Nitrobenzene			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria.
U - Non-detect Result
J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
SAMPLING DATE				2/10/2021		2/10/2021		2/10/2021		2/10/2021		2/10/2021	
LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS (continued)													
NDPA/DPA			mg/kg	0.15	U	1.4	U	0.15	U	0.15	U	0.15	U
n-Nitrosodi-n-propylamine			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Bis(2-ethylhexyl)phthalate			mg/kg	9.9		1.8	U	0.18	U	0.19	U	0.5	
Butyl benzyl phthalate			mg/kg	0.15	J	1.8	U	0.18	U	0.19	U	0.29	
Di-n-butylphthalate			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.044	J
Di-n-octylphthalate			mg/kg	1.7		1.8	U	0.18	U	0.19	U	0.19	U
Diethyl phthalate			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Dimethyl phthalate			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Benzo(a)anthracene	1	1	mg/kg	1.5		0.2	J	0.11	U	0.48		2	
Benzo(a)pyrene	1	1	mg/kg	1.4		1.4	U	0.15	U	0.44		3.2	
Benzo(b)fluoranthene	1	1	mg/kg	1.6		1.1	U	0.11	U	0.6		4	
Benzo(k)fluoranthene	3.9	0.8	mg/kg	0.6		1.1	U	0.11	U	0.17		1.3	
Chrysene	3.9	1	mg/kg	1.6		0.23	J	0.11	U	0.46		2.2	
Acenaphthylene	100	100	mg/kg	0.12	J	1.4	U	0.15	U	0.06	J	0.27	
Anthracene	100	100	mg/kg	0.45		1.1	U	0.11	U	0.13		0.51	
Benzo(ghi)perylene	100	100	mg/kg	0.96		1.4	U	0.15	U	0.27		2	
Fluorene	100	30	mg/kg	0.15	J	1.8	U	0.18	U	0.059	J	0.15	J
Phenanthrene	100	100	mg/kg	2.5		1.1	U	0.11	U	0.72		2	
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.23		1.1	U	0.11	U	0.065	J	0.48	
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.96		1.4	U	0.15	U	0.28		2.2	
Pyrene	100	100	mg/kg	3.1		0.26	J	0.11	U	0.82		3	
Biphenyl			mg/kg	0.42	U	4	U	0.42	U	0.43	U	0.42	U
4-Chloroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Nitroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
3-Nitroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
4-Nitroaniline			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Dibenzofuran	59	7	mg/kg	0.1	J	1.8	U	0.18	U	0.048	J	0.1	J
2-Methylnaphthalene			mg/kg	0.051	J	2.1	U	0.22	U	0.083	J	0.054	J
1,2,4,5-Tetrachlorobenzene			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Acetophenone			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.025	J
2,4,6-Trichlorophenol			mg/kg	0.11	U	1.1	U	0.11	U	0.11	U	0.11	U
p-Chloro-m-cresol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Chlorophenol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2,4-Dichlorophenol			mg/kg	0.16	U	1.6	U	0.17	U	0.17	U	0.17	U
2,4-Dimethylphenol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Nitrophenol			mg/kg	0.4	U	3.8	U	0.4	U	0.4	U	0.4	U
4-Nitrophenol			mg/kg	0.26	U	2.5	U	0.26	U	0.26	U	0.26	U
2,4-Dinitrophenol			mg/kg	0.88	U	8.5	U	0.89	U	0.9	U	0.89	U
4,6-Dinitro-o-cresol			mg/kg	0.48	U	4.6	U	0.48	U	0.49	U	0.48	U
Pentachlorophenol	6.7	0.8	mg/kg	0.15	U	1.4	U	0.15	U	0.15	U	0.15	U
Phenol	100	0.33	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
2-Methylphenol	100	0.33	mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.26	U	2.6	U	0.27	U	0.27	U	0.054	J
2,4,5-Trichlorophenol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Benzoic Acid			mg/kg	0.6	U	5.8	U	0.6	U	0.61	U	0.6	U
Benzyl Alcohol			mg/kg	0.18	U	1.8	U	0.18	U	0.19	U	0.19	U
Carbazole			mg/kg	0.19		1.8	U	0.18	U	0.09	J	0.5	
1,4-Dioxane	13	0.1	mg/kg	0.028	U	0.27	U	0.028	U	0.028	U	0.028	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria.
U - Non-detect Result
J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
SAMPLING DATE				2/10/2021		2/10/2021		2/10/2021		2/10/2021		2/10/2021	
LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035													
Methylene chloride	100	0.05	mg/kg	0.0065	U	0.0056	U	0.005	U	0.0074	U	0.0052	U
1,1-Dichloroethane	26	0.27	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Chloroform	49	0.37	mg/kg	0.0019	U	0.0017	U	0.0015	U	0.0022	U	0.0016	U
Carbon tetrachloride	2.4	0.76	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,2-Dichloropropane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Dibromochloromethane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,1,2-Trichloroethane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Tetrachloroethene	19	1.3	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Chlorobenzene	100	1.1	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Trichlorofluoromethane			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Bromodichloromethane			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
trans-1,3-Dichloropropene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
cis-1,3-Dichloropropene			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
1,3-Dichloropropene, Total			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
1,1-Dichloropropene			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Bromoform			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Benzene	4.8	0.06	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Toluene	100	0.7	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0011	J	0.001	U
Ethylbenzene	41	1	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0004	J	0.001	U
Chloromethane			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
Bromomethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Vinyl chloride	0.9	0.02	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Chloroethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,1-Dichloroethene	100	0.33	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
trans-1,2-Dichloroethene	100	0.19	mg/kg	0.0019	U	0.0017	U	0.0015	U	0.0022	U	0.0016	U
Trichloroethene	21	0.47	mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Methyl tert butyl ether	100	0.93	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
p/m-Xylene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
o-Xylene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Xylenes, Total	100	0.26	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
cis-1,2-Dichloroethene	100	0.25	mg/kg	0.0013	U	0.0011	U	0.012		0.0015	U	0.001	U
1,2-Dichloroethene, Total			mg/kg	0.0013	U	0.0011	U	0.012		0.0015	U	0.001	U
Dibromomethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Styrene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Dichlorodifluoromethane			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
Acetone	100	0.05	mg/kg	0.0063	J	0.025		0.01	U	0.019		0.01	U
Carbon disulfide			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
2-Butanone	100	0.12	mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
Vinyl acetate			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
4-Methyl-2-pentanone			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U
1,2,3-Trichloropropane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
2-Hexanone			mg/kg	0.013	U	0.011	U	0.01	U	0.015	U	0.01	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria. U - Non-detect Result J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 1. Soil Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION				B-1 (0-2')		B-2 (0-2')		B-2 (9-11')		B-3 (0-2')		B-4 (0-2')	
SAMPLING DATE				2/10/2021		2/10/2021		2/10/2021		2/10/2021		2/10/2021	
LAB SAMPLE ID				L2106350-01		L2106350-02		L2106350-03		L2106350-04		L2106350-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 (continued)													
Bromochloromethane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
2,2-Dichloropropane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2-Dibromoethane			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,3-Dichloropropane			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,1,1,2-Tetrachloroethane			mg/kg	0.00065	U	0.00056	U	0.0005	U	0.00074	U	0.00052	U
Bromobenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
n-Butylbenzene	100	12	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
sec-Butylbenzene	100	11	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
tert-Butylbenzene	100	5.9	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
o-Chlorotoluene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
p-Chlorotoluene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0039	U	0.0034	U	0.003	U	0.0045	U	0.0031	U
Hexachlorobutadiene			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
Isopropylbenzene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
p-Isopropyltoluene			mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
Naphthalene	100	12	mg/kg	0.0052	U	0.0045	U	0.004	U	0.0016	J	0.0042	U
Acrylonitrile			mg/kg	0.0052	U	0.0045	U	0.004	U	0.006	U	0.0042	U
n-Propylbenzene	100	3.9	mg/kg	0.0013	U	0.0011	U	0.001	U	0.0015	U	0.001	U
1,2,3-Trichlorobenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2,4-Trichlorobenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
1,4-Dioxane	13	0.1	mg/kg	0.1	U	0.09	U	0.08	U	0.12	U	0.084	U
p-Diethylbenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
p-Ethyltoluene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.00062	J	0.0021	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
Ethyl ether			mg/kg	0.0026	U	0.0022	U	0.002	U	0.003	U	0.0021	U
trans-1,4-Dichloro-2-butene			mg/kg	0.0065	U	0.0056	U	0.005	U	0.0074	U	0.0052	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria.
U - Non-detect Result
J - Estaimated Result
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria

Table 2. Groundwater Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION			TW-1		TW-2	
SAMPLING DATE			2/10/2021		2/10/2021	
LAB SAMPLE ID			L2106351-01		L2106351-02	
SAMPLE TYPE			WATER		WATER	
SAMPLE DEPTH (ft.)						
	NY-AWQS	Units	Results	Qual	Results	Qual
Volatile Organics by GC/MS						
Methylene chloride	5	ug/l	2.5	U	6.2	U
1,1-Dichloroethane	5	ug/l	2.5	U	6.2	U
Chloroform	7	ug/l	2.5	U	6.2	U
Carbon tetrachloride	5	ug/l	0.5	U	1.2	U
1,2-Dichloropropane	1	ug/l	1	U	2.5	U
Dibromochloromethane	50	ug/l	0.5	U	1.2	U
1,1,2-Trichloroethane	1	ug/l	1.5	U	3.8	U
Tetrachloroethene	5	ug/l	0.5	U	0.97	J
Chlorobenzene	5	ug/l	2.5	U	6.2	U
Trichlorofluoromethane	5	ug/l	2.5	U	6.2	U
1,2-Dichloroethane	0.6	ug/l	0.5	U	1.2	U
1,1,1-Trichloroethane	5	ug/l	2.5	U	6.2	U
Bromodichloromethane	50	ug/l	0.5	U	1.2	U
trans-1,3-Dichloropropene	0.4	ug/l	0.5	U	1.2	U
cis-1,3-Dichloropropene	0.4	ug/l	0.5	U	1.2	U
1,3-Dichloropropene, Total		ug/l	0.5	U	1.2	U
1,1-Dichloropropene	5	ug/l	2.5	U	6.2	U
Bromoform	50	ug/l	2	U	5	U
1,1,2,2-Tetrachloroethane	5	ug/l	0.5	U	1.2	U
Benzene	1	ug/l	0.5	U	1.2	U
Toluene	5	ug/l	2.5	U	6.2	U
Ethylbenzene	5	ug/l	2.5	U	6.2	U
Chloromethane		ug/l	2.5	U	6.2	U
Bromomethane	5	ug/l	2.5	U	6.2	U
Vinyl chloride	2	ug/l	1	U	3.4	
Chloroethane	5	ug/l	2.5	U	6.2	U
1,1-Dichloroethene	5	ug/l	0.5	U	0.48	J
trans-1,2-Dichloroethene	5	ug/l	2.5	U	6.2	U
Trichloroethene	5	ug/l	0.5	U	1.5	
1,2-Dichlorobenzene	3	ug/l	2.5	U	6.2	U
1,3-Dichlorobenzene	3	ug/l	2.5	U	6.2	U
1,4-Dichlorobenzene	3	ug/l	2.5	U	6.2	U
Methyl tert butyl ether	10	ug/l	2.5	U	6.2	U
p/m-Xylene	5	ug/l	2.5	U	6.2	U
o-Xylene	5	ug/l	2.5	U	6.2	U
Xylenes, Total		ug/l	2.5	U	6.2	U
cis-1,2-Dichloroethene	5	ug/l	2.5	U	360	
1,2-Dichloroethene, Total		ug/l	2.5	U	360	
Dibromomethane	5	ug/l	5	U	12	U
1,2,3-Trichloropropane	0.04	ug/l	2.5	U	6.2	U
Acrylonitrile	5	ug/l	5	U	12	U

Notes:
U - Non-detect Result J - Estimated Result
* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards

Table 2. Groundwater Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION			TW-1		TW-2	
SAMPLING DATE			2/10/2021		2/10/2021	
LAB SAMPLE ID			L2106351-01		L2106351-02	
SAMPLE TYPE			WATER		WATER	
SAMPLE DEPTH (ft.)						
	NY-AWQS	Units	Results	Qual	Results	Qual
Volatile Organics by GC/MS (continued)						
Styrene	5	ug/l	2.5	U	6.2	U
Dichlorodifluoromethane	5	ug/l	5	U	12	U
Acetone	50	ug/l	5	U	12	U
Carbon disulfide	60	ug/l	5	U	12	U
2-Butanone	50	ug/l	5	U	12	U
Vinyl acetate		ug/l	5	U	12	U
4-Methyl-2-pentanone		ug/l	5	U	12	U
2-Hexanone	50	ug/l	5	U	12	U
Bromochloromethane	5	ug/l	2.5	U	6.2	U
2,2-Dichloropropane	5	ug/l	2.5	U	6.2	U
1,2-Dibromoethane	0.0006	ug/l	2	U	5	U
1,3-Dichloropropane	5	ug/l	2.5	U	6.2	U
1,1,1,2-Tetrachloroethane	5	ug/l	2.5	U	6.2	U
Bromobenzene	5	ug/l	2.5	U	6.2	U
n-Butylbenzene	5	ug/l	2.5	U	6.2	U
sec-Butylbenzene	5	ug/l	2.5	U	6.2	U
tert-Butylbenzene	5	ug/l	2.5	U	6.2	U
o-Chlorotoluene	5	ug/l	2.5	U	6.2	U
p-Chlorotoluene	5	ug/l	2.5	U	6.2	U
1,2-Dibromo-3-chloropropane	0.04	ug/l	2.5	U	6.2	U
Hexachlorobutadiene	0.5	ug/l	2.5	U	6.2	U
Isopropylbenzene	5	ug/l	2.5	U	6.2	U
p-Isopropyltoluene	5	ug/l	2.5	U	6.2	U
Naphthalene	10	ug/l	2.5	U	6.2	U
n-Propylbenzene	5	ug/l	2.5	U	6.2	U
1,2,3-Trichlorobenzene	5	ug/l	2.5	U	6.2	U
1,2,4-Trichlorobenzene	5	ug/l	2.5	U	6.2	U
1,3,5-Trimethylbenzene	5	ug/l	2.5	U	6.2	U
1,2,4-Trimethylbenzene	5	ug/l	2.5	U	6.2	U
1,4-Dioxane		ug/l	250	U	620	U
p-Diethylbenzene		ug/l	2	U	5	U
p-Ethyltoluene		ug/l	2	U	5	U
1,2,4,5-Tetramethylbenzene	5	ug/l	2	U	5	U
Ethyl ether		ug/l	2.5	U	6.2	U
trans-1,4-Dichloro-2-butene	5	ug/l	2.5	U	6.2	U

Notes:
U - Non-detect Result J - Estimated Result
* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards

Table 3. Soil Vapor Analytical Results
93 Gerry Street, Brooklyn, NY

LOCATION					SV-1		SV-2	
SAMPLING DATE					2/10/2021		2/10/2021	
LAB SAMPLE ID					L2106353-01		L2106353-02	
SAMPLE TYPE					SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)								
	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual
Volatile Organics in Air								
Dichlorodifluoromethane				ug/m3	1.79		1.86	
Chloromethane				ug/m3	0.413	U	0.64	
Freon-114				ug/m3	1.4	U	1.4	U
Vinyl chloride			6	ug/m3	0.511	U	0.846	
1,3-Butadiene				ug/m3	3.94		3.76	
Bromomethane				ug/m3	0.777	U	0.777	U
Chloroethane				ug/m3	0.528	U	0.528	U
Ethanol				ug/m3	19.4		24.9	
Vinyl bromide				ug/m3	0.874	U	0.874	U
Acetone				ug/m3	670		451	
Trichlorofluoromethane				ug/m3	1.73		1.83	
Isopropanol				ug/m3	2.88		1.93	
1,1-Dichloroethene	6			ug/m3	0.793	U	0.793	U
Tertiary butyl Alcohol				ug/m3	2.8		2.74	
Methylene chloride		100		ug/m3	1.74	U	1.74	U
3-Chloropropene				ug/m3	0.626	U	0.626	U
Carbon disulfide				ug/m3	3.58		20.1	
Freon-113				ug/m3	1.53	U	1.53	U
trans-1,2-Dichloroethene				ug/m3	0.793	U	0.793	U
1,1-Dichloroethane				ug/m3	0.809	U	0.809	U
Methyl tert butyl ether				ug/m3	0.721	U	0.721	U
2-Butanone				ug/m3	195		163	
cis-1,2-Dichloroethene	6			ug/m3	0.793	U	3.77	
Ethyl Acetate				ug/m3	32.2		42.2	
Chloroform				ug/m3	0.977	U	0.977	U
Tetrahydrofuran				ug/m3	3.48		3.3	
1,2-Dichloroethane				ug/m3	0.809	U	0.809	U
n-Hexane				ug/m3	8.42		5.15	
1,1,1-Trichloroethane		100		ug/m3	1.09	U	1.09	U
Benzene				ug/m3	3.58		2.33	
Carbon tetrachloride	6			ug/m3	1.26	U	1.26	U
Cyclohexane				ug/m3	21.7		1.41	
1,2-Dichloropropane				ug/m3	0.924	U	0.924	U
Bromodichloromethane				ug/m3	1.34	U	1.34	U
1,4-Dioxane				ug/m3	0.721	U	0.721	U
Trichloroethene	6			ug/m3	1.07	U	1.07	U
2,2,4-Trimethylpentane				ug/m3	0.934	U	6.4	
Heptane				ug/m3	14.5		2.6	
cis-1,3-Dichloropropene				ug/m3	0.908	U	0.908	U
4-Methyl-2-pentanone				ug/m3	8.73		3.84	
trans-1,3-Dichloropropene				ug/m3	0.908	U	0.908	U
1,1,2-Trichloroethane				ug/m3	1.09	U	1.09	U
Toluene				ug/m3	30.8		23.8	
2-Hexanone				ug/m3	0.82	U	0.82	U
Dibromochloromethane				ug/m3	1.7	U	1.7	U
1,2-Dibromoethane				ug/m3	1.54	U	1.54	U
Tetrachloroethene		100		ug/m3	1.67		2.19	
Chlorobenzene				ug/m3	0.921	U	0.921	U
Ethylbenzene				ug/m3	3.35		2.9	
p/m-Xylene				ug/m3	8.6		9.25	
Bromoform				ug/m3	2.07	U	2.07	U
Styrene				ug/m3	0.852	U	0.852	U
1,1,2,2-Tetrachloroethane				ug/m3	1.37	U	1.37	U
o-Xylene				ug/m3	2.38		2.37	
4-Ethyltoluene				ug/m3	0.983	U	0.983	U
1,3,5-Trimethylbenzene				ug/m3	0.983	U	0.983	U
1,2,4-Trimethylbenzene				ug/m3	1.03		0.983	U
Benzyl chloride				ug/m3	1.04	U	1.04	U
1,3-Dichlorobenzene				ug/m3	1.2	U	1.2	U
1,4-Dichlorobenzene				ug/m3	1.2	U	1.2	U
1,2-Dichlorobenzene				ug/m3	1.2	U	1.2	U
1,2,4-Trichlorobenzene				ug/m3	1.48	U	1.48	U
Hexachlorobutadiene				ug/m3	2.13	U	2.13	U

Notes:
* Comparison is not performed on parameters with non-numeric criteria. U - Non-detect Result
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria

SECTION III.3: SAMPLING DATA

For each impacted medium above, see attached Figures below from the Phase II which include detailed information requested in Application Section III.3.

Figures from February 2021 Phase II for impacted medium which includes all information requested in Application Section III.3 (Figures 1-3)

B-1 (0-2')	Result
Benzo(a)anthracene	1.5
Benzo(a)pyrene	1.4
Benzo(b)fluoranthene	1.6
Chrysene	1.6
Indeno(1,2,3-cd)pyrene	0.96
Lead	79
Mercury	1.38

B-3 (0-2')	Result
Arsenic	18.5
Barium	355
Copper	332
Lead	1170
Mercury	3.82
Nickel	33.6
Zinc	1670

B-4 (0-2')	Result
Benzo(a)anthracene	2
Benzo(a)pyrene	3.2
Benzo(b)fluoranthene	4
Benzo(k)fluoranthene	1.3
Chrysene	2.2
Dibenzo(a,h)anthracene	0.48
Indeno(1,2,3-cd)pyrene	2.2
Lead	104
Mercury	0.35

NYCRR Part 375 Unrestricted and Restricted Residential SCOs			
Analyte	Units	NY- ResRestricted	NY- Unrestricted
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
Arsenic	mg/kg	16	13
Barium	mg/kg	400	350
Copper	mg/kg	270	50
Lead	mg/kg	400	63
Mercury	mg/kg	0.81	0.18
Nickel	mg/kg	310	30
Zinc	mg/kg	10000	109

LEGEND

89-91 GERRY STREET BOUNDARY

93 GERRY STREET BOUNDARY

SOIL BORING

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: ESRI
3. SAMPLES COLLECTED ON 10 FEBRUARY 2021

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SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

MAP OF SOIL CHEMISTRY

FEBRUARY 2021

FIGURE 1

GIS FILE PATH: C:\Users\hwachholz\Documents\working\135597\GIS\Maps\2020_10135597_002_0002_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 12/31/2020 1:47:52 PM

TW-2	Result
Vinyl Chloride	3.4
Cis-1,2-Dichloroethene	360

LEGEND

- 89-91 GERRY STREET BOUNDARY
- 93 GERRY STREET BOUNDARY
- TEMPORARY MONITORING WELL

New York TOGS 111 Ambient Water Quality Standards		
Analyte	**Units**	**NY-AWQS**
Vinyl Chloride	µg/L	2
Cis-1,2-Dichloroethene	µg/L	5

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: ESRI
3. SAMPLES COLLECTED ON 10 FEBRUARY 2021

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SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

MAP OF GROUNDWATER CHEMISTRY

FEBRUARY 2021

FIGURE 2

GIS FILE PATH: C:\Users\hwachholz\Documents\working\135597\GIS\Maps\2020_10\135597_002_0002_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 12/31/2020 1:47:32 PM

SV-1	Result
Dichlorodifluoromethane	1.79
1,3-Butadiene	3.94
Ethanol	19.4
Acetone	670
Trichlorofluoromethane	1.73
Isopropanol	2.88
Tertiary butyl Alcohol	2.8
Carbon disulfide	3.58
2-Butanone	195
Ethyl Acetate	32.2
Tetrahydrofuran	3.48
n-Hexane	8.42
Benzene	3.58
Cyclohexane	21.7
Heptane	14.5
4-Methyl-2-pentanone	8.73
Toluene	30.8
Tetrachloroethene	1.67
Ethylbenzene	3.35
p/m-Xylene	8.6
o-Xylene	2.38
1,2,4-Trimethylbenzene	1.03

SV-2	Result
Dichlorodifluoromethane	1.86
Chloromethane	0.64
Vinyl chloride	0.846
1,3-Butadiene	3.76
Ethanol	24.9
Acetone	451
Trichlorofluoromethane	1.83
Isopropanol	1.93
Tertiary butyl Alcohol	2.74
Carbon disulfide	20.1
2-Butanone	163
cis-1,2-Dichloroethene	3.77
Ethyl Acetate	42.2
Tetrahydrofuran	3.3
n-Hexane	5.15
Benzene	2.33
Cyclohexane	1.41
2,2,4-Trimethylpentane	6.4
Heptane	2.6
4-Methyl-2-pentanone	3.84
Toluene	23.8
Tetrachloroethene	2.19
Ethylbenzene	2.9
p/m-Xylene	9.25
o-Xylene	2.37

LEGEND

- 89-91 GERRY STREET BOUNDARY
- 93 GERRY STREET BOUNDARY
- SOIL VAPOR POINT

2017 NYSDOH Soil Vapor Intrusion Guidance Decision Matrices		
Analyte	Units	NYSDOH VI Sub-Slab Vapor Guidance
Vinyl Chloride	µg/m3	6
Cis-1,2-dichloroethene	µg/m3	6
Tetrachlorethene	µg/m3	100

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: ESRI
3. SAMPLES COLLECTED ON 10 FEBRUARY 2021

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SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

MAP OF SOIL VAPOR CHEMISTRY

FEBRUARY 2021

FIGURE 3

SECTION III.4: PAST LAND USES

The Site was developed with two dwellings in the late 1800s. By the early 1900s, the dwelling along Gerry Street was converted to a store. City Directories indicated that the Site was operated by a deck manufacturer and laboratory in the 1930s. In the late 1940s a laundry facility began operations on the neighboring parcel to the west. The Site became vacant in the mid-1960s when the store was demolished. The laundry facility continued operations on the neighboring parcel until the late-1970s when demolished, and this parcel became vacant as well. By the mid-2000s the Site began to be used for parking and remains a parking lot today occupied by Just 4 Wheels.

ATTACHMENT D

Section IV: PROPERTY INFORMATION

SECTION IV: PROPERTY DESCRIPTION NARRATIVE

Proposed Site Name
The Site name for this project will be the Former Just4Wheels Site 2.

Site Location
The Site's address is 93 Gerry Street, Brooklyn, NY 11206. The Site is located in Kings County, New York and is identified as Brooklyn Block 2266 Lot 39. The Site is located in an urban area of the Broadway Triangle neighborhood of Brooklyn, NY on the north side of Gerry Street between Throop Avenue and Harrison Avenue and approximately 1.1 miles east of the Wallabout Channel. The legal description is as follows:

BEGINNING at a point on the northerly side of Gerry Street, distant 175 feet westerly from the northwesterly corner of Throop Avenue and Gerry Street;

RUNNING thence northerly parallel with Throop Avenue, 100 feet;

THENCE westerly parallel with Gerry Street, 25 feet;

THENCE southerly parallel with Throop Avenue, 100 feet to the northerly side of Gerry Street and;

THENCE easterly along the northerly side of Gerry Street, 25 feet to the point or place of BEGINNING.

A site location map is included in **Figure 5**. An aerial photograph of the Site is included in **Figure 6**. A tax map of the Site and surrounding properties is included as **Figure 7.**

Site Size
The Site is 2,500 square feet (0.057 acres) in size.

Site Features
The Site is currently a rectangular-shaped undeveloped lot with a temporary trailer located in the northern corner of the property, approximately 44x10 ft in size. There are no permanent structures on the subject site.

Current Zoning and Land Use
The Site is currently undeveloped land that is zoned for residential use. The surrounding properties are currently used for commercial, residential, and warehousing/manufacturing purposes. The nearest residential building is immediately adjoining to the northwest of the Site.

Past Land Use
The Site was developed with two dwellings in the late 1800s. By the early 1900s, the dwelling along Gerry Street was converted to a store. City Directories indicated that the Site was operated by a deck manufacturer and laboratory in the 1930s. In the late 1940s a laundry facility began operations on the neighboring parcel to the west. The Site became vacant in the mid-1960s when the store was demolished. The laundry facility continued operations on the neighboring parcel until the late-1970s when demolished, and this parcel became vacant as well. By the mid-2000s the Site began to be used for parking and remains a parking lot today occupied by Just 4 Wheels.

Site Geology and Hydrogeology
The stratigraphy of the Site, from the surface down, consists primarily of urban fill extending to approximately 5 to 7 ft bgs underlain by a layer of tan to light brown fine sand with varying amounts of silt and clay extending to approximately 10 ft bgs. This layer is underlain by orange brown to brown poorly graded sand to 15 ft bgs. Groundwater was encountered at approximately 9 ft bgs and groundwater flow is to the north-northwest.

SECTION IV.3: EN-ZONE

The Site is located in Kings County Census Tract 507, which is EnZone Type B because the poverty rate is 62.5%. The Requestor, therefore, seeks a determination that the Site is eligible for tangible property tax credits.

SECTION IV.5: ENVIRONMENTAL ASSESSMENT

Based on the findings of the February 2021 investigation as indicated in the Phase II report, the primary contaminants of concern for the Site are chlorinated volatile organic compounds, semi-volatile organic compounds (polyaromatic hydrocarbons), and metals.

Soil –

Several SVOCs, specifically polyaromatic hydrocarbons (PAHs), were identified in shallow soil samples exceeding both UUSCOs and RRSCOs. In borings B-1 (0-2') and B-4 (0-2') SVOCs including benzo(a)anthracene (maximum 2.0 mg/kg), benzo(a)pyrene (3.2 mg/kg), benzo(b)fluoranthene (4.0 mg/kg), and indeno(1,2,3-cd)pyrene (maximum 2.2 mg/kg) were identified above RRSCOs. Additionally dibenzo(a,h)anthracene (0.48 mg/kg) was detected in boring B-4 (0-2') above RRSCOs. Benzo(k)fluoranthene (1.3 mg/kg) was detected above UUSCOs in B-4 (0-2') and chrysene (maximum 2.2 mg/kg) was detected above UUSCOs in borings B-1 (0-2') and B-4 (0-2').

Several metals were found at concentrations exceeding both UUSCOs and RRSCOs in multiple shallow soil samples including lead (maximum 1170 mg/kg) and mercury (maximum 3.82 mg/kg). Arsenic was detected above RRSCOs in boring B-3 (0-2') at 18.5 mg/kg. In boring B-3 (0-2') barium (355 mg/kg), nickel (33.6 mg/kg), and zinc (1670 mg/kg) were detected above UUSCOs but not RRSCOs.

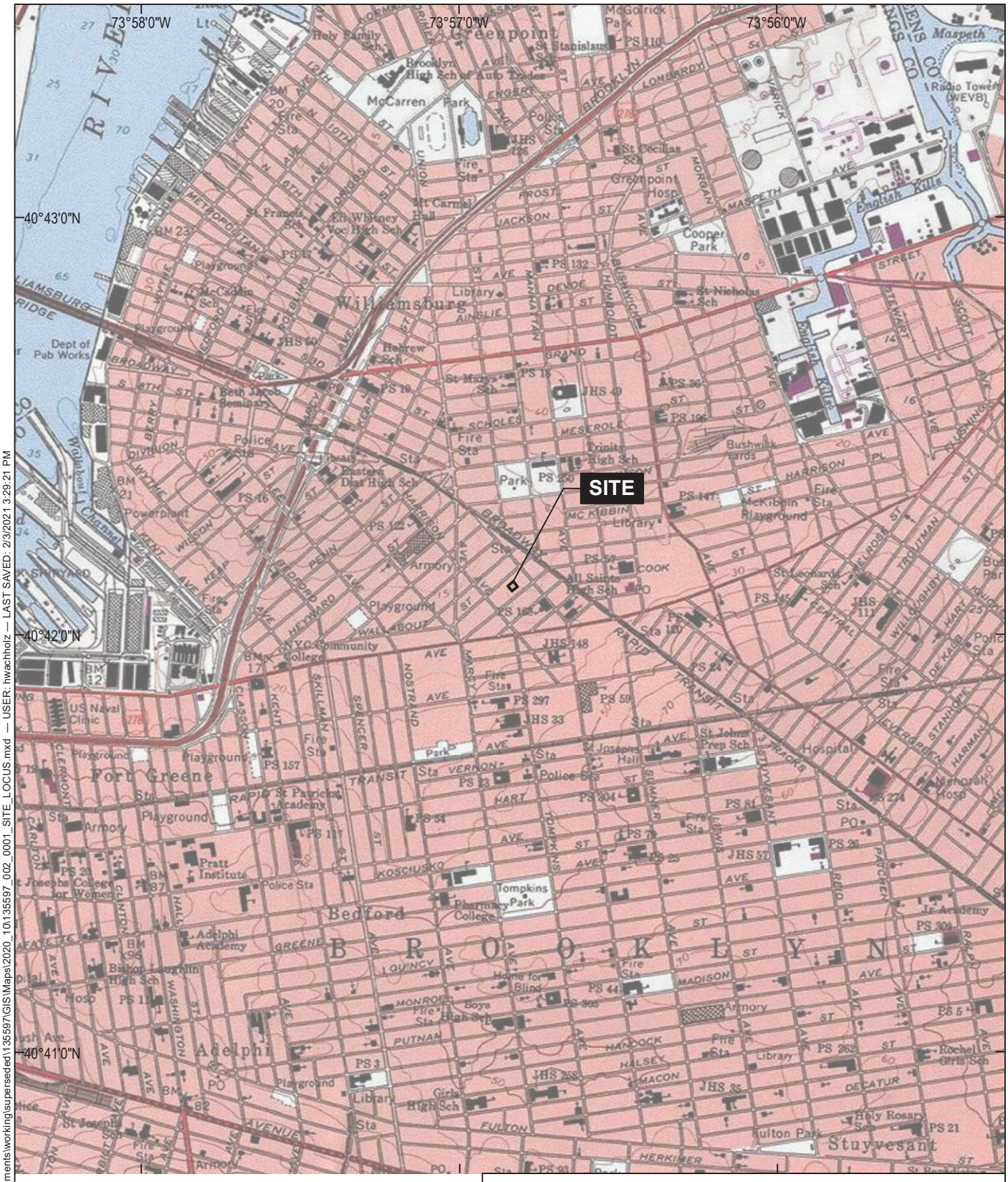
Groundwater –

Two VOCs, vinyl chloride (3.4 µg/L) and cis-1,2-dichloroethene (360 µg/L) were detected above the AWQS in TW-2. No VOCs were detected above method detection limits in TW-1.

Soil Vapor –

No VOCs were detected above guidance values. However, several VOCs were detected at concentrations exceeding the method detection limit including vinyl chloride (0.846 µg/m^3) and cis-1,2-dichloroethene (3.77 µg/m^3) in SV-2. Additionally, tetrachloroethene (maximum 2.19 µg/m^3) was detected in both soil vapor samples above method detection limits.

Based solely upon the results of the Phase II sampling, the source of the chlorinated volatile organic compounds detected in groundwater and soil vapor has not been determined. One of the primary goals of the proposed Remedial Investigation Work Plan is to determine if there is an on-Site source of the chlorinated volatile organic compounds.



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MAP SOURCE: ESRI
SITE COORDINATES: 40°42'7"N, 73°56'49"W

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
APRIL 2021

FIGURE 4

LEGEND

SITE BOUNDARY

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 25 SEPTEMBER 2020

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0 20 40

SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

SITE PLAN

APRIL 2021

FIGURE 5

LEGEND

SITE BOUNDARY

PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 25 SEPTEMBER 2020

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0 20 40

SCALE IN FEET

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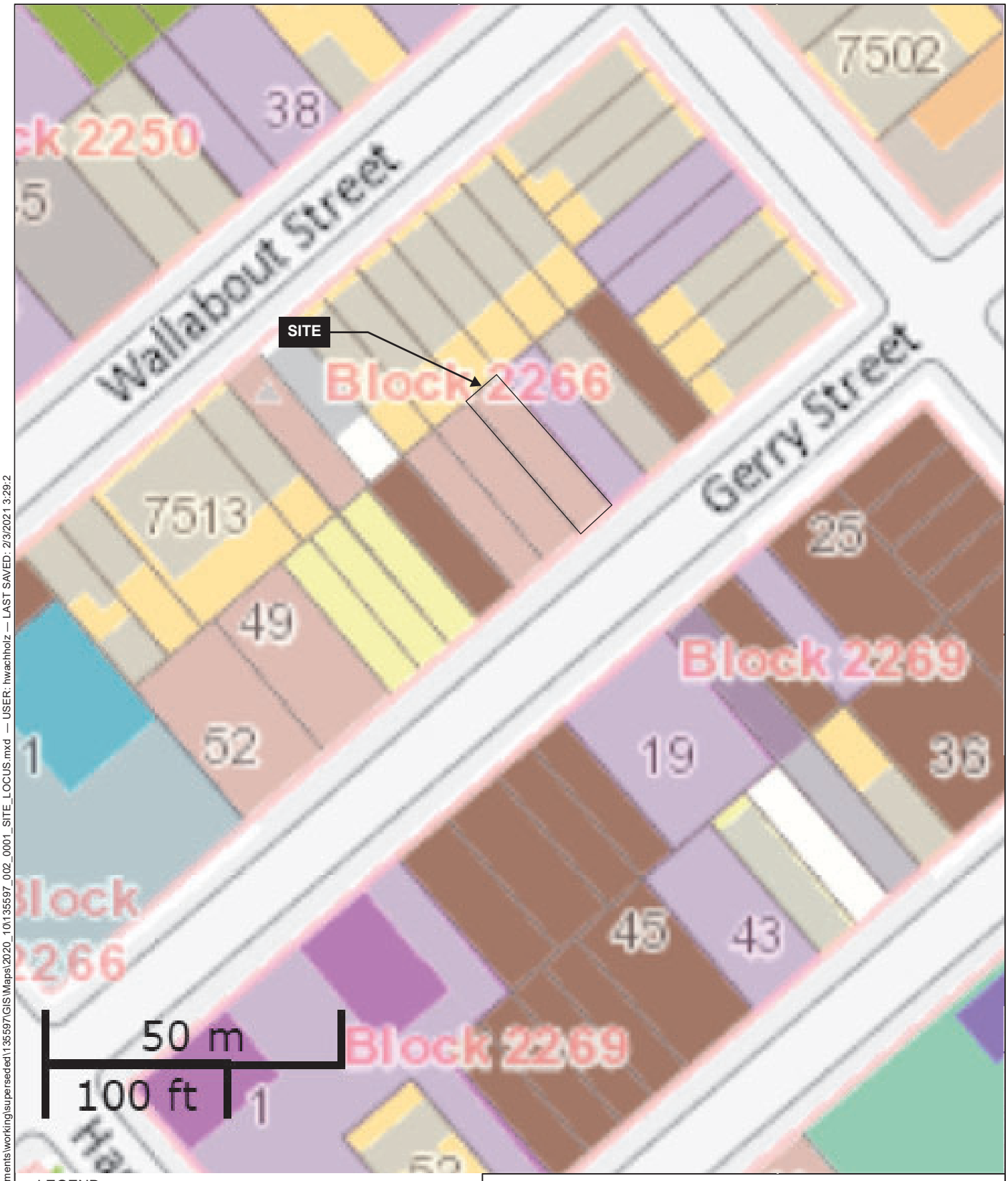
93 GERRY STREET
BROOKLYN, NEW YORK

TAX MAP

APRIL 2021

FIGURE 6



LEGEND

- 1 & 2 Family Residential
- Multi-family Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots

N

NOTES:

1. IMAGERY PROVIDED BY NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

SURROUNDING LAND USE

APRIL 2021

FIGURE 7

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ATTACHMENT E

Section V: ADDITIONAL REQUESTOR INFORMATION

SECTION V: ADDITIONAL REQUESTOR INFORMATION

Current Owner and Operator

The current owner is GGH Holdings LLC, the Requestor. The requestor has owned the site since 30 August 2016. The Site is currently undeveloped and is operating as a parking lot occupied by Just4Wheels Car, Truck, and Van Rental. The requestor has designated Moses Karpen as an authorized signatory for GGH Holdings for matters related to the development of the 93 Gerry Street Site. A copy of the resolution is appended to this section.

Previous Owners and Operators

List of Previous Owners and Operators of 93 Gerry Street.

Date(s)	Owner per Deed	Address	Relationship to Requestor	Operators (as per city directories)	Relationship to Requestor
12/26/1985-8/30/2016	Vinfeild Realty Corp.	164 Hewes Street, Brooklyn, NY	None	N/A	N/A
6/29/1983-12/26/1985	Gosalia, Sudha K	1 Stuyvesant Oval, New York, NY	None	N/A	N/A
6/14/1979-6/29/1983	The City of New York	N/A	None	N/A	N/A
6/19/1975-6/14/1979	City of NY	N/A	None	N/A	N/A
3/16/1970-6/19/1975	All Star Shirt Laundry Inc.	Unknown	None	N/A	N/A
Unknown-3/16/1970	Admahn Realty Corp	N/A	None	1960- Taylor Helen Rev Stdy 1934- Carroll Curtis Plmbr H, Coble Lester Deck HD R RER, Hobbs Aaron Driver H, Jones Walter Lab H, Lawrence WM Lab H, MacDuff Lulu H, Mondros Rose H, Trabert WM H, Warts H	None

RESOLUTION OF LIMITED LIABILITY COMPANY

GGH HOLDINGS LLC, a New York limited liability company (the "Company"), does hereby resolve that:

1. Moses Karpen is duly appointed as an Authorized Signatory of the Company, and in that capacity has the full power and authority on behalf of the Company to:

(a) Execute documents in connection with the application of the Company for participation in the New York State Brownfield Cleanup Program (the "BCP");

(b) Enter into agreements with the New York State Department of Environmental Protection (the "DEC") in connection with the Company's participation in the BCP;

(c) Execute any and all documents in connection with the Company's participation in the BCP, including but not limited to applications, agreements, and tax returns;

(d) Take any action necessary to the furtherance of the Company's participation in the BCP, including but not limited to conducting negotiations on behalf of the Company.

2. The authority hereby conferred shall be deemed retroactive, and any and all acts authorized herein which were performed prior to the passage of this unanimous consent are hereby approved and ratified. The authority hereby conferred is in addition to that conferred by any other consent heretofore or hereafter delivered to the DEC and shall continue in full force and effect until the DEC shall have received notice in writing, certified by the Manager of the Company, of the revocation hereof by a resolution duly adopted by the Company. Any such revocation shall be effective only as to actions taken by this Company subsequent to DEC's receipt of such notice.

3. The undersigned hereby represents and warrants that (i) the undersigned is the Managing Member of GGH HOLDINGS LLC, and (ii) the consent of the Managing Member of the Company is sufficient to authorize the Company to take the aforementioned actions.

Dated: Brooklyn, New York
April 15, 2021

GGH HOLDINGS LLC

By: Henry Grunfeld
Henry Grunfeld
Managing Member

ATTACHMENT F

Section VII: REQUESTOR ELIGIBILITY INFORMATION

SECTION VII: REQUESTOR ELIGIBILITY INFORMATION

The Requestor qualifies as a “Volunteer” in the BCP because it has no connection with any prior owner or operator, and therefore did not cause, contribute, or permit the disposal of any contaminants at the Site, and did not control the Site when such contamination occurred. Requestor did not observe and is not aware of any continuing release. Requestor is taking the necessary steps to prevent any threatened future release, and prevent and limit human, environmental or natural resource exposure to any previously released contamination at the Site. As such, the requestor qualifies as a Volunteer as designed in ECL 27-1405(1)(b).

ATTACHMENT G

Section IX: CONTACT LIST INFORMATION AND ACKNOWLEDGEMENT FROM REPOSITORY

SECTION IX – CONTACT LIST INFORMATION

SITE CONTACT LISTS

Executive:

Role	Name	Phone	Mailing Address	Email
NYC Mayor	Mayor William De Blasio	212-NEW-YORK	City Hall New York, NY 10007	https://www1.nyc.gov/office-of-the-mayor/mayor-contact.page
NYC Department of City Planning Chairperson	Marisa Lago	212-720-3300	120 Broadway 31st Floor New York. NY 10271	https://www1.nyc.gov/site/planning/about/email-the-director.page
Brooklyn Borough President	Eric Adams	718-802-3700	Brooklyn Borough Hall 209 Joralemon Street Brooklyn, NY 11201	askeric@brooklynbo.nyc.gov
Brooklyn Community Board 1 District Manager	Dealice Fuller	718-389-0009	435 Graham Avenue Brooklyn, NY 11211	bk01@cb.nyc.gov
NY Senate District 26 Senator	Brian Kavanagh	718-875-1517	Brooklyn Borough Hall 209 Joralemon Street Brooklyn, NY 11201	kavanagh@nysenate.gov
NY State Assembly District 053 Member	Maritza Davila	718-443-1424	249 Wilson Avenue Brooklyn, NY 11237	DavilaM@nyassembly.gov

Owners, Residents, Occupants:

Site is currently undeveloped with no residents, serving as a commercial parking lot.

Owner	Contact Name	Phone	Mailing Address	Email
GGH Holdings LLC - Authorized Representative	Moses Karpen	(718) 302-3180	320 Roebling Street #106, Brooklyn, NY 11211	moses@waterfrontmanagementny.com
GGH Holdings LLC – Managing Member	Henry Grunfeld	(718) 625-6876	164 Hewes Street, Brooklyn, NY 11211	N/A

Operator	Contact Name	Phone	Mailing Address	Email
Just 4 Wheels Car, Truck, and Van Rental	N/A	877-650-3500	324 E White Horse Pike, Galloway, NJ	N/A

Adjacent Properties:

Below is a list of the adjoining properties which are also detailed on **Figure 8**.

Owner/Entity Name	Contact Name	Site Use	Property Address	Owner Mailing Address
Joel Englander, As Trustee	Joel Englander	Multi-family walk-up buildings	390 Wallabout Street	232 Keap Street, Brooklyn, NY
Joel Katz	Joel Katz	Multi-family walk-up buildings	392 Wallabout Street	392 Wallabout Street #!, Brooklyn, NY
Joel Fried	Joel Fried	Multi-family walk-up buildings	394 Wallabout Street	394 Wallabout Street, Unit 1, Brooklyn, NY

Leiby Zipora	Zipora Leiby	Industrial and Manufacturing	95 Gerry Street	2049 Pearson Street, Brooklyn, NY
GGH Holdings LLC	Henry Grunfield	Parking Facilities	91 Gerry Street	164 Hewes Street, Brooklyn, NY
GELB, GETZEL/CUST FOR	Sara Gelb	Transportation and utility	55 Bartlett Street	55 Bartlett Street, Brooklyn, NY
78 Gerry St. Realty Inc.	N/A	Industrial and manufacturing	82 Gerry Street	78 Gerry Street, Brooklyn, NY
NYC Housing Preservation and Development	N/A	Vacant land	86 Gerry Street	100 Church Street, New York, NY

Local News and Media:

Owner/Entity Name	Type	Address	Phone	Website
The Brooklyn Eagle	Online	16 Court Street Brooklyn, NY 11241	718-422-7413	www.brooklyneagle.om
Spectrum 1 News	Television	75 Ninth Avenue New York, NY 10011	212-691-6397	https://www.ny1.com/nyc/all-boroughs/about-us/contact-us

Public Water Supply:

Public water supply is a shared responsibility between the New York City Department of Environmental Protection (NYCDEP) and the Municipal Water Finance Authority.

Owner/Entity Name	Contact	Address	Phone	Email
NYCDEP	Vincent Sapienza - Commissioner	59-17 Junction Blvd. Flushing, NY 11373	718-595-6565	ltcp@dep.nyc.gov
NYC Municipal Water Finance Authority	Olga Chernat-Executive Director	255 Greenwich Street 6th Floor New York, NY 10007	212-788-5889	N/A

Additional Requests:

We are unaware of any requests to be included on the contact list for the 93 Gerry Street Site.

School or Day Care located on or proximal to the Site:

There are no schools or daycares located on the Site. The following schools or day care facilities are located within ½-mile radius to the Site:

School/Day Care Name	Approximate distance from Site in feet and (directional)	Administrator	Phone	Address
Brooklyn School District 14	2640' (northwest)	Alicja Winnicki	718-302-7600	215 Heyward Street Brooklyn, NY 11206

Public School 403	1584’ (southeast)	N/A	718-963-8767	760 Broadway, Brooklyn, NY 11206
Public School 380	2112’ (west)	Victoria Prisinzano	718-388-0607	370 Marcy Avenue Brooklyn, NY 11206
UTA Satmar Girls High School	528’ (west)	N/A	718-963-9260	366 Wallabout Street Brooklyn, NY 11206
Juan Morel Camps Secondary School	2640’ (northwest)	Esther Shali Ogli	718-302-7900	215 Heyward Street Brooklyn, NY 11206
Intermediate School 318	1056’ (northwest)	Leander Windley	718-782-0589	101 Walton Street Brooklyn, NY 11206
BWCCS2 Middle School	1056’ (south)	Esosa Ogbahon	718-302-7700	11 Bartlett Street Brooklyn, NY 11206
The Baby Place Preschool and Day Care	2112’ (north)	Tiffany & Christian Taylor	347-987-4905	25 Boreum Street, Ste 7S Brooklyn, NY 11206
PS 373	1584’ (southeast)	Regina Tottenham	718-782-6800	185 Ellery Street Brooklyn, NY
NYCHA Marcy Day Care Center	1584’ (southwest)	N/A	718-855-7252	494 Marcy Avenue Brooklyn, NY 11206
Learn to Succeed Daycare	1584’ (south)	Veronica Ruiz	718-200—0339	156 Ellery Street Brooklyn, NY 11206
P.S. 257 John F. Hylan	2112’ (east)	Idalys Tolentino	718-384-7128	60 Cook Street Brooklyn, NY 11206
Bais Ruschel High school	528’ (west)	N/A	718-963-9277	177 Harrison Avenue Brooklyn, NY 11206
The Baby Place Preschool & Daycare	1584’ (north)	N/A	347-987-4905	25 Boerum Street, Suite 7S, Brooklyn, NY 11206
Tender Tots ChildCare, Preschool & Programs	2640’ (southeast)	N/A	718-298-3944	810 Flushing Avenue, Brooklyn, NY 11206
Bedford Harrison Day Care Center	2112’ (northwest)	N/A	718-387-8837	60 Harrison Avenue, Brooklyn, NY 11211
4 Future Generations WeeCare	2112’ (south)	N/A	917-737-5947	744 Park Avenue, Brooklyn, NY 11206

Document Repository:

Brooklyn Community Board 1 and the Brooklyn Public Library – Bushwick Branch were notified on 25 March 2021 via email regarding utilizing their space as document repositories. Both the Brooklyn Public Library – Bushwick Branch and Community Board 1 were re-contacted on 1 April 2021 via email and phone regarding this request. A response was received from Community Board 1 on 1 April 2021 confirming repository status and requesting future documents be provided on USB. Documentation of correspondence is attached below.

Owner/Entity Name	Contact	Address	Phone	Email
Brooklyn Community Board 1	Dealice Fuller	435 Graham Avenue Brooklyn, NY 11211	718-389-0009	bk01@cb.nyc.gov
Brooklyn Public Library – Bushwick Branch	Marc Waldron	340 Bushwick Avenue Brooklyn, NY 11206	718-602-1348	mwaldron@bklynlibrary.org

Community Board:

Owner/Entity Name	Contact	Address	Phone	Email
Brooklyn Community Board 1	Dealice Fuller	435 Graham Avenue Brooklyn, NY 11211	718-389-0009	bk01@cb.nyc.gov

LEGEND

SITE BOUNDARY

PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 25 SEPTEMBER 2020

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

93 GERRY STREET
BROOKLYN, NEW YORK

ADJACENT SITE INFORMATION

APRIL 2021

FIGURE 8

GIS FILE PATH: C:\Users\hwachholz\Documents\working\200663\GIS\Maps\2021_03\200663_002_0003_TAX_MAP.mxd — USER: hwachholz — LAST SAVED: 3/23/2021 1:59:59 PM

Section IX: Correspondence with Brooklyn Public Library - Bushwick Branch Request to Act as Document Repository

Conlon, Mari

From: Conlon, Mari
Sent: Thursday, April 1, 2021 11:52 AM
To: Commisso, Sarah; mwaldron@bklynlibrary.org
Cc: Bellew, James
Subject: RE: NYSDEC Brownfield Cleanup Program- Document Repository Request- 93 Gerry Street
Attachments: 2021-0319-HANY-93 Gerry Street- BPL Repository Letter.pdf

Good morning,

We are hoping to follow up on the request below requesting permission to include the Brooklyn Public Library- Bushwick Branch as a document repository during the investigation and remediation of the property located at 93 Gerry Street, Brooklyn, NY.

Attached please see the letter indicating that the Brooklyn Public Library- Bushwick Branch would be willing to serve as a document repository for the project. Please send back to us when you have a chance and please contact us with any questions.

Thank you,

Mari Cate Conlon
Project Manager

Haley & Aldrich of New York
237 West 35th Street, 16th Floor
New York, NY 10123

T: 646-277-5688
M: 347-271-1521

www.haleyaldrich.com

From: Commisso, Sarah <SCommisso@haleyaldrich.com>
Sent: Thursday, March 25, 2021 11:36 AM
To: mwaldron@bklynlibrary.org
Cc: Conlon, Mari <MConlon@haleyaldrich.com>; Bellew, James <JBellew@haleyaldrich.com>
Subject: NYSDEC Brownfield Cleanup Program- Document Repository Request- 93 Gerry Street

Good afternoon,

Haley & Aldrich of New York is formally requesting permission to include the Brooklyn Public Library- Bushwick Branch as a document repository during the investigation and remediation of the property located at 93 Gerry Street, Brooklyn, NY. It is anticipated that over the course of the next 1-2 years several documents (electronic version on CD) related to the environmental investigation and remediation will be delivered to the Brooklyn Public Library- Bushwick Branch. The proposed investigation and remediation will be done in coordination with the New York State Department of Environmental Conservation.

Upon delivery it is requested that these documents be made available for public review. If hard copies are preferred alternative to CD please advise.

Attached please see the letter indicating that the Brooklyn Public Library- Bushwick Branch would be willing to serve as a document repository for the project. Please send back to us when you have a chance and please contact me with any questions.

Thank you,
Sarah

Sarah Commisso
Geologist

Haley & Aldrich, Inc.
237 West 35th Street, 16th Floor
New York, NY 10123

T: (646) 277-5693
C: (516) 317-9861

www.haleyaldrich.com

Section IX: Acknowledgement of Receipt from Brooklyn Community Board 1 Regarding Request to Act as Document Repository

Conlon, Mari

From: BK01 (CB) <bk01@cb.nyc.gov>
Sent: Thursday, April 1, 2021 12:18 PM
To: Conlon, Mari
Subject: Re: NYSDEC Brownfield Cleanup Program- Document Repository Request- 93 Gerry Street

CAUTION: External Email

Only if you provide it on a USB Drive

From: Conlon, Mari <MConlon@haleyaldrich.com>
Sent: Thursday, April 1, 2021 11:54 AM
To: BK01 (CB) <bk01@cb.nyc.gov>
Cc: Bellew, James <JBellew@haleyaldrich.com>; Commisso, Sarah <SCommisso@haleyaldrich.com>
Subject: RE: NYSDEC Brownfield Cleanup Program- Document Repository Request- 93 Gerry Street

Good morning,

We are hoping to follow up on the request below requesting permission to include the Brooklyn Community Board 1 as a document repository during the investigation and remediation of the property located at 93 Gerry Street, Brooklyn, NY.

Attached please see the letter indicating that the Brooklyn Community Board 1 would be willing to serve as a document repository for the project. Please send back to us when you have a chance and please contact us with any questions.

Thank you,

Mari Cate Conlon
Project Manager

Haley & Aldrich of New York
237 West 35th Street, 16th Floor
New York, NY 10123

T: 646-277-5688
M: 347-271-1521

www.haleyaldrich.com

From: Commisso, Sarah <SCommisso@haleyaldrich.com>
Sent: Thursday, March 25, 2021 11:22 AM
To: bk01@cb.nyc.gov
Cc: Conlon, Mari <MConlon@haleyaldrich.com>; Bellew, James <JBellew@haleyaldrich.com>
Subject: NYSDEC Brownfield Cleanup Program- Document Repository Request- 93 Gerry Street

Good afternoon,

Haley & Aldrich of New York is formally requesting permission to include the Brooklyn Community Board 1 as a document repository during the investigation and remediation of the property located at 93 Gerry Street, Brooklyn, NY.

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Thank you,
Sarah

Sarah Commisso
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ATTACHMENT H

Section X: LAND USE FACTORS

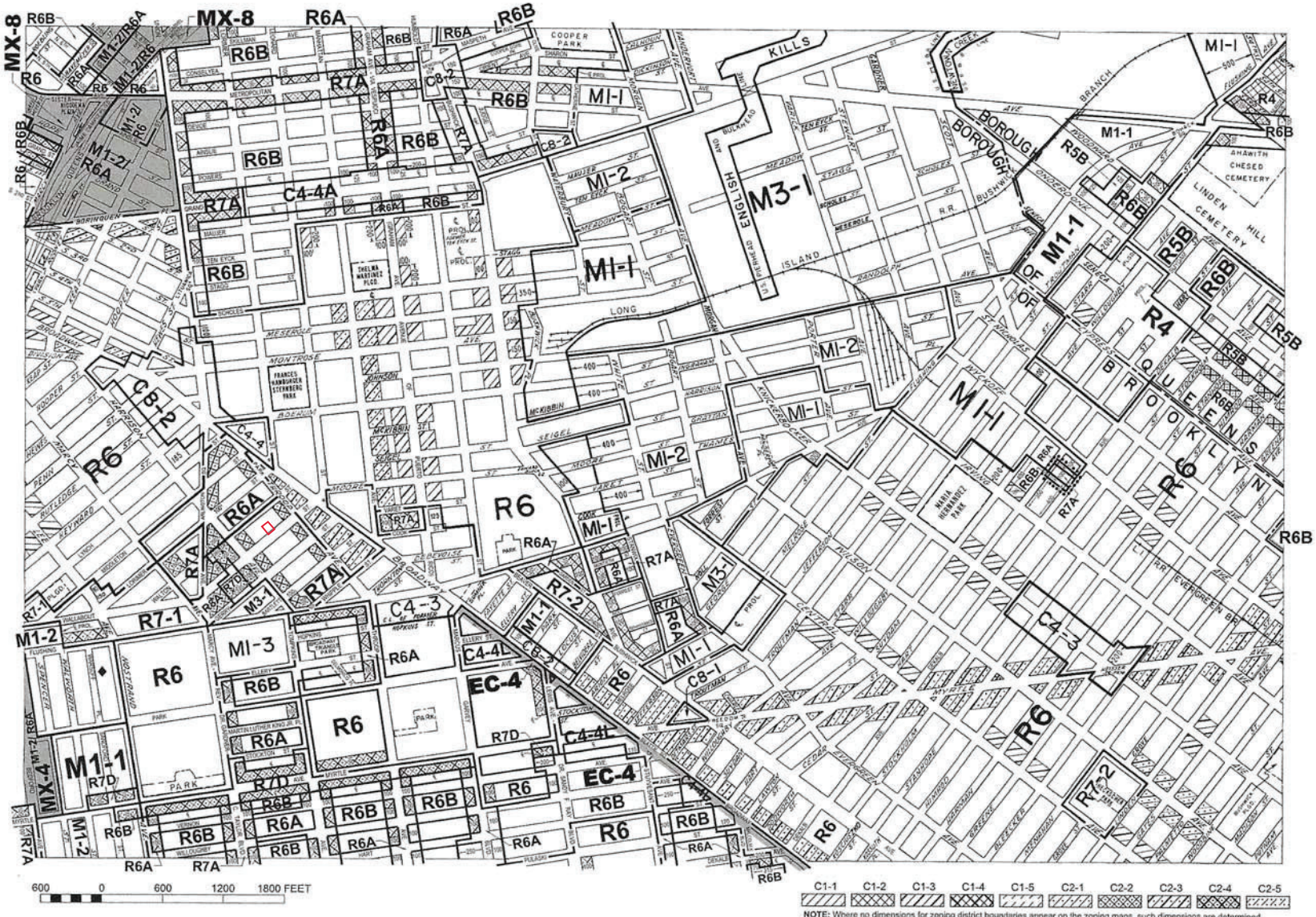
SECTION X: LAND USE FACTORS

The Site was previously zoned as manufacturing and was included in the Broadway Triangle Rezoning (City Environmental Quality Review Act or CEQR Number 09HPD019K) which converted the area around and including the Site to R7A. The Site is surrounded by a mixed use of residential and manufacturing buildings.

The Site is currently undeveloped and utilized as a parking lot. All site buildings were demolished in the late 1960s and the Site remained vacant until the mid to late-2000s when it began to be used for parking. The Site has remained undeveloped through the present. Known contamination at the Site has likely been caused by former site uses at neighboring parcels and regional industrial activity in the Broadway Triangle.

While the proposed development plan is conceptual at this time, the anticipated project will consist of a 6-story residential building with a one-level cellar encompassing the entire site footprint and extending approximately 11 feet below current grade.

The proposed use is conforming to the current zoning laws. The zoning map is included below.



C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

09-12-2018 C 180148 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

CITY MAP CHANGES:

◆ AS CORRECTED 02-19-2019

N

MAP KEY

12c	13a	13c
12d	**13b**	13d
16c	17a	17c

ZONING MAP **13b**

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: **www.nyc.gov/planning** or contact the Zoning Information Desk at (212) 720-3291.

ATTACHMENT I

Supplemental Questions Section

CENSUS TRACT 507

Census Tract 507	
EnZoneType	B
FIPS	36047050700
County_FIP	36047
Geography	Census Tract 507
County	Kings County
UnempRate	5.2
NYS_UR	11.5
Pov_Rate	62.5
CountyPR	23.2
CountyRate	46.4
Criteria_B	Y
Both_AB	
Criteria_A	
Type	AY

93 Gerry Street- EnZone Type B indicated in blue.