15 October 2020
File No. 135597-002

Via Electronic Mail

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

Attention: Mr. Moses Karpen

RE: 89-93 Gerry Street Limited Phase II Environmental Site Investigation
89-93 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 Limited Phase II Environmental Site Investigation (ESI) completed 89-93 Gerry Street, Brooklyn, New York (the Site).

BACKGROUND

The Site is located at 89-93 Gerry Street, Brooklyn, Kings County, New York. The Site consists of three adjoining parcels identified as Block 2266 Lots 39, 40 and 41 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 7,500 square-feet (sf) in size. There are no permanent structures located on the Site and former tenants include a variety of commercial tenants including a laundry facility that operated on the Site from the 1930s to 1970s.

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 are to exclusively use natural gas with the stack location 35' from the northern, western and eastern lot lines.

We understand that the proposed development will include the construction of two-6-story residential buildings with one-level cellar on each building 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 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 Site use as a laundromat. The Site directly abuts the Pfizer 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 1 October 2020, Haley & Aldrich mobilized to the Site with Eastern Environmental Solutions, Inc. to install six 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. Three soil borings were installed in the southern half of the Site (B-2, B-3, and B-6) to 15 feet below ground surface (ft bgs). One temporary groundwater monitoring well (TW-2) was installed at the location of B-2 to a depth of approximately 15 ft bgs. A soil vapor point (SV-2) was installed proximal to this location to a depth of 6 ft bgs, approximately 1 to 2 feet above the groundwater interface. An additional soil vapor point was installed proximal to B-3 along the western property line to a depth of 6 ft bgs.

Two borings were installed in the northern half of the Site (B-1 and B-5) and one soil boring was installed in the central portion of the Site (B-4) to 15 ft bgs. One temporary groundwater monitoring well (TW-1) was installed at the location of B-1 to a depth of approximately 15 ft bgs.

Subsurface soil consisted primarily of urban fill extending to approximately 5 ft bgs (extended to 8 ft bgs in B-2), underlain by brown to light brown fine to medium sand with varying amounts of silt and clay lenses extending to 15 ft bgs. Borings logs are included in Attachment B. Groundwater was encountered at approximately 8 ft bgs throughout the Site.

Two soil samples were collected from each boring from varying depth intervals. Samples were biased towards visual and olfactory evidence of contamination and any photoionization detector (PID) readings. Except for observed urban fill material in the shallow soil interval (0 to 5 ft bgs) across the Site, no apparent subsurface impacts were observed including odors and staining. PID readings ranged from 0 to 2.6 ppm. Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and total metals. Groundwater samples were analyzed for VOCs, SVOCs, PCBs, and total metals. 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 Analytica of Westborough, Massachusetts, a NYSDOH ELAP-certified laboratory.

RESULTS

Full analytical results are provided in Tables 1-3 and laboratory reports in Attachment A.

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). No VOCs were detected in any sample above UUSCOs. Three pesticides, including 4,4'-DDE (maximum 0.0669 mg/kg), 4,4'-DDD (maximum 0.0226 mg/kg), and 4,4'-DDT (maximum 0.125 mg/kg) were detected above UUSCOs in borings B-1 (3-5') and B-5 (0-2'). 4,4'-DDT (0.00753 mg/kg) was detected at boring B-3 (1-3') and Dieldrin (0.00608 mg/kg) was detected in boring

B-5 (0-2') above UUSCOs. One PCB, Aroclor 1254 (0.159 mg/kg) was detected in boring B-5 (0-2') above UUSCOs. Aroclor 1260 (0.0976 mg/kg) was also detected in boring B-5 (0-2'), but below applicable SCOs. Seven SVOCs, including benzo(a)anthracene (maximum 17 mg/kg), benzo(a)pyrene (maximum 16 mg/kg), benzo(b)fluoranthene (maximum 19 mg/kg), benzo(k)fluoranthene (maximum 7.2 mg/kg), chrysene (maximum 16 mg/kg), dibenzo(a,h)anthrancene (maximum 2.5 mg/kg), and indeno(1,2,3-cd)pyrene (maximum 9.5 mg/kg) were detected above RRSCOs in borings B-1 (3-5'). B-4 (1-3'), and B-5 (0-2'). Total lead (maximum 449 mg/kg) was detected above UUSCOs in borings B-1 (3-5') and B-4 (1-3') and total zinc (maximum 347 mg/kg) was detected above UUSCOs in borings B-1 (3-5'), B-3 (1-3'), B-4 (1-3'), and B-5 (0-2'). Mercury was detected above the RRSCOs in all shallow soil samples and above RRSCOs in B-4 (1-3') at 1.44 mg/kg and in B-5 (0-2') at 5.56 mg/kg.

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

Groundwater

Groundwater results were compared to NYSDEC 6NYCRR Part 703.5 Class GA Ambient Water Quality Standards (AWQS). No PCBs were detected in either groundwater sample exceeding the AWQS. Several SVOCs, including PAHs such as benzo(a)anthracene (maximum 0.07 µg/L), benzo(b)pyrene (maximum 0.06 µg/L), benzo(k)fluoranthene (maximum 0.06 µg/L), benzo(k)fluoranthene (maximum 0.05 µg/L), chrysene (maximum 0.07 µg/L) and indeno(1,2,3-cd)pyrene (maximum 0.05 µg/L) were detected above the AWQS. Metals, including iron (maximum 3810 µg/L) and sodium (maximum 88800 µg/L) were detected above the AWQS in both groundwater samples. Manganese (320.2 µg/L) was also detected above the AWQS in TW-2. One VOC, cis-1,2-dichloroethene (maximum 260 µg/L) was detected above the AWQS in both groundwater samples. Vinyl chloride (29 µg/L) was detected above the AWQS in TW-2.

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

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. Vinyl chloride (455 µg/m^3), cis-1,2-dichloroethene (658 µg/m^3), and trichloroethene (118 µg/m^3) were detected above the sub-slab soil vapor guidance values in SV-1. Multiple other VOCs were detected in both soil vapor samples, but did not exceed guidance values, including tetrachloroethene (maximum 17 µg/m^3) carbon disulfide (maximum 87.2 µg/m^3), trans-1,2-dichloroethene (maximum 14.3 µg/m^3), 2,2,4-trimethylpentane (maximum 13.4 µg/m^3), toluene (maximum 47.5 µg/m^3), ethylbenzene (maximum 15.7 µg/m^3), and o-Xylene (maximum 17.7 µg/m^3).

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

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical results found Site conditions to be comparable to similar properties in the surrounding area. Metals, SVOCs, and pesticides identified in shallow soils from 0 to 5 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 10 ft bgs across the Site. Metals, SVOCs, and VOCs identified in groundwater are likely present due to former Site use and the regional industrial activity. Chlorinated VOCs (CVOCs) identified in groundwater and soil vapor are potentially the result of the former laundry

operations at the Site and/or migrating from the abutting westerly property, the former Pfizer site. It is noted that a 2 to 3 inch lens of blue crystals was observed at approximately 5 ft bgs during the Remedial Investigation. Haley & Aldrich discussed this with consultants working in this area who, based on their experience, suggested that this may be the origin of the mercury contamination on the Site.

BROWNFIELD CLEANUP PROGRAM EVALUATION

Due to elevated concentrations of PAHs, mercury and lead above the RRSCOs as well as residual chlorinated VOC contamination indicated in soil vapor and 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 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' 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
Table 1 – Map of Soil Chemistry
Table 2 – Map of Groundwater Chemistry
Table 3 – Map of Soil Vapor Chemistry
Attachment A – Laboratory Reports
Attachment B – Soil Boring Logs

FIGURES

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

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SCALE IN FEET

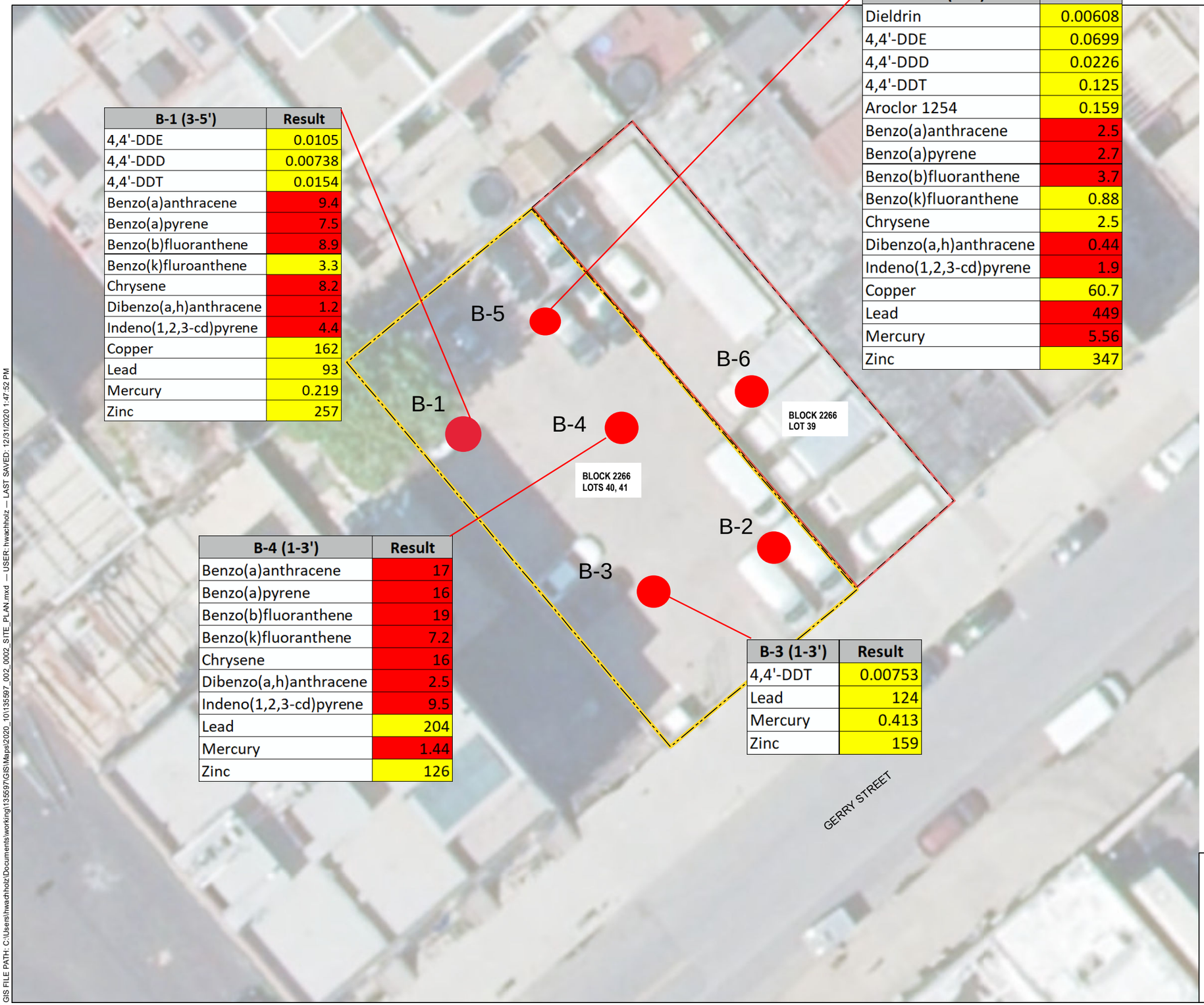
HALEY ALDRICH

89-91 GERRY STREET
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

OCTOBER 2020

FIGURE 1



B-1 (3-5')	Result
4,4'-DDE	0.0105
4,4'-DDD	0.00738
4,4'-DDT	0.0154
Benzo(a)anthracene	9.4
Benzo(a)pyrene	7.5
Benzo(b)fluoranthene	8.9
Benzo(k)fluroanthene	3.3
Chrysene	8.2
Dibenzo(a,h)anthracene	1.2
Indeno(1,2,3-cd)pyrene	4.4
Copper	162
Lead	93
Mercury	0.219
Zinc	257

B-5 (0-2')	Result
Dieldrin	0.00608
4,4'-DDE	0.0699
4,4'-DDD	0.0226
4,4'-DDT	0.125
Aroclor 1254	0.159
Benzo(a)anthracene	2.5
Benzo(a)pyrene	2.7
Benzo(b)fluoranthene	3.7
Benzo(k)fluoranthene	0.88
Chrysene	2.5
Dibenzo(a,h)anthracene	0.44
Indeno(1,2,3-cd)pyrene	1.9
Copper	60.7
Lead	449
Mercury	5.56
Zinc	347

B-4 (1-3')	Result
Benzo(a)anthracene	17
Benzo(a)pyrene	16
Benzo(b)fluoranthene	19
Benzo(k)fluoranthene	7.2
Chrysene	16
Dibenzo(a,h)anthracene	2.5
Indeno(1,2,3-cd)pyrene	9.5
Lead	204
Mercury	1.44
Zinc	126

B-3 (1-3')	Result
4,4'-DDT	0.00753
Lead	124
Mercury	0.413
Zinc	159

LEGEND

- 89-91 GERRY STREET BOUNDARY
- 93 GERRY STREET BOUNDARY
- SOIL BORING

NYCRR Part 375 Unrestricted and Restricted Residential SCOs			
Analyte	**Units**	**NY- ResRestricted**	**NY- Unrestricted**
Dieldrin	mg/kg	0.2	0.005
4,4'-DDE	mg/kg	8.9	0.0033
4,4'-DDD	mg/kg	13	0.0033
4,4'-DDT	mg/kg	7.9	0.0033
Aroclor 1254	mg/kg	1	0.1
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
Copper	mg/kg	270	50
Lead	mg/kg	400	63
Mercury	mg/kg	0.81	0.18
Zinc	mg/kg	10000	109

NOTES

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SCALE IN FEET

HALEY ALDRICH

89-91 GERRY STREET
BROOKLYN, NEW YORK

MAP OF SOIL CHEMSITRY

OCTOBER 2020

FIGURE 2

TW-1	Result
Cis-1,2-Dichloroethene	260
Benzo(a)anthracene	0.07
Benzo(a)pyrene	0.06
Benzo(b)fluoranthene	0.06
Benzo(k)fluoranthene	0.05
Chrysene	0.07
Indeno(1,2,3-cd)pyrene	0.05
Iron	3810
Sodium	88800

TW-2	Result
Vinyl Chloride	29
Cis-1,2-Dichloroethene	160
Benzo(a)anthracene	0.04
Benzo(a)pyrene	0.03
Benzo(b)fluoranthene	0.03
Benzo(k)fluoranthene	0.02
Chrysene	0.04
Indeno(1,2,3-cd)pyrene	0.02
Iron	1970
Manganese	320.2
Sodium	61100

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
Benzo(a)anthracene	µg/L	0.002
Benzo(a)pyrene	µg/L	0
Benzo(b)fluoranthene	µg/L	0.002
Benzo(k)fluoranthene	µg/L	0.002
Chrysene	µg/L	0.002
Indeno(1,2,3-cd)pyrene	µg/L	0.002
Iron	µg/L	300
Manganese	µg/L	300
Sodium	µg/L	20000

NOTES

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2. AERIAL IMAGERY SOURCE: ESRI

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SCALE IN FEET

HALEY ALDRICH

89-91 GERRY STREET
BROOKLYN, NEW YOR

MAP OF GROUNDWATER CHEMISTRY

OCTOBER 2020

FIGURE 3

SV-1	Result
Vinyl Chloride	455
Cis-1,2-dichloroethene	658
Trichloroethene	118

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/m^3	6
Cis-1,2-dichloroethene	µg/m^3	6
Trichloroethene	µg/m^3	6

NOTES

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

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SCALE IN FEET

HALEY ALDRICH

89-91 GERRY STREET
BROOKLYN, NEW YORK

MAP OF SOIL VAPOR CHEMISTRY

OCTOBER 2020

FIGURE 4

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 1:47:52 PM

TABLES

Table 1. Soil Analytical Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:				B-1 (3-5')		B-1 (10-12')		B-3 (1-3')		B-3 (13-15')		B-4 (1-3')		B-4 (10-12')		B-5 (0-2')		B-5 (10-12')	
Collection Date:				10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020	
Lab ID:				L2041810-01		L2041810-02		L2041810-03		L2041810-04		L2041810-05		L2041810-06		L2041810-07		L2041810-08	
Sample Type:				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total			%	81.9		78.9		84.8		84.3		89.4		84.8		84.7		80.8	
Organochlorine Pesticides by GC																			
Delta-BHC	100	0.04	mg/kg	0.00188	U	0.00197	U	0.00182	U	0.00186	U	0.00177	U	0.00183	U	0.00183	U	0.00191	U
Lindane	1.3	0.1	mg/kg	0.000782	U	0.000822	U	0.000757	U	0.000776	U	0.000736	U	0.000761	U	0.000764	U	0.000796	U
Alpha-BHC	0.48	0.02	mg/kg	0.000782	U	0.000822	U	0.000757	U	0.000776	U	0.000736	U	0.000761	U	0.000764	U	0.000796	U
Beta-BHC	0.36	0.036	mg/kg	0.00188	U	0.00197	U	0.00182	U	0.00186	U	0.00177	U	0.00183	U	0.00183	U	0.00191	U
Heptachlor	2.1	0.042	mg/kg	0.000939	U	0.000987	U	0.000908	U	0.000931	U	0.000884	U	0.000914	U	0.000917	U	0.000956	U
Aldrin	0.097	0.005	mg/kg	0.00188	U	0.00197	U	0.00182	U	0.00186	U	0.00177	U	0.00183	U	0.00183	U	0.00191	U
Heptachlor epoxide			mg/kg	0.00352	U	0.0037	U	0.00341	U	0.00349	U	0.00176	JIP	0.00342	U	0.00198	JIP	0.00358	U
Endrin	11	0.014	mg/kg	0.000782	U	0.000822	U	0.000757	U	0.000776	U	0.000736	U	0.000761	U	0.000764	U	0.000796	U
Endrin aldehyde			mg/kg	0.0304		0.00247	U	0.00227	U	0.00233	U	0.00221	U	0.00228	U	0.00229	U	0.00239	U
Endrin ketone			mg/kg	0.00188	U	0.00197	U	0.00182	U	0.00186	U	0.00177	U	0.00183	U	0.00183	U	0.00191	U
Dieldrin	0.2	0.005	mg/kg	0.00304		0.00123	U	0.00141		0.00116	U	0.0011	U	0.00114	U	0.00608	IP	0.00119	U
4,4'-DDE	8.9	0.0033	mg/kg	0.0105		0.00197	U	0.000478	JIP	0.00186	U	0.00264	IP	0.00183	U	0.0699		0.00191	U
4,4'-DDD	13	0.0033	mg/kg	0.00738		0.00197	U	0.000764	JIP	0.00186	U	0.00177	U	0.00183	U	0.0226		0.00191	U
4,4'-DDT	7.9	0.0033	mg/kg	0.0154		0.0037	U	0.00753		0.00349	U	0.00331	U	0.00342	U	0.125		0.00358	U
Endosulfan I	24	2.4	mg/kg	0.00188	U	0.00197	U	0.00182	U	0.00186	U	0.00177	U	0.00183	U	0.00183	U	0.00191	U
Endosulfan II	24	2.4	mg/kg	0.0027	IP	0.00197	U	0.00182	U	0.00186	U	0.00887	IP	0.00183	U	0.00136	JIP	0.00191	U
Endosulfan sulfate	24	2.4	mg/kg	0.000782	U	0.000822	U	0.000757	U	0.000776	U	0.000736	U	0.000761	U	0.000764	U	0.000796	U
Methoxychlor			mg/kg	0.00352	U	0.0037	U	0.00341	U	0.00349	U	0.00331	U	0.00342	U	0.00344	U	0.00358	U
Toxaphene			mg/kg	0.0352	U	0.037	U	0.0341	U	0.0349	U	0.0331	U	0.0342	U	0.0344	U	0.0358	U
cis-Chlordane	4.2	0.094	mg/kg	0.00235	U	0.00247	U	0.000929	J	0.00233	U	0.00221	U	0.00228	U	0.0326		0.00239	U
trans-Chlordane			mg/kg	0.00235	U	0.00247	U	0.00212	JIP	0.00233	U	0.00192	JIP	0.00228	U	0.025	IP	0.00239	U
Chlordane			mg/kg	0.0156	U	0.0164	U	0.0151	U	0.0155	U	0.0147	U	0.0152	U	0.18		0.0159	U
Polychlorinated Biphenyls by GC																			
Aroclor 1016	1	0.1	mg/kg	0.0406	U	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0379	U	0.0405	U
Aroclor 1221	1	0.1	mg/kg	0.0406	U	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0379	U	0.0405	U
Aroclor 1232	1	0.1	mg/kg	0.0406	U	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0379	U	0.0405	U
Aroclor 1242	1	0.1	mg/kg	0.0177	J	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0379	U	0.0405	U
Aroclor 1248	1	0.1	mg/kg	0.0406	U	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0379	U	0.0405	U
Aroclor 1254	1	0.1	mg/kg	0.00977	J	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.159		0.0405	U
Aroclor 1260	1	0.1	mg/kg	0.0406	U	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0976		0.0405	U
Aroclor 1262	1	0.1	mg/kg	0.0406	U	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0379	U	0.0405	U
Aroclor 1268	1	0.1	mg/kg	0.0406	U	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.0315	J	0.0405	U
PCBs, Total	1	0.1	mg/kg	0.0275	J	0.0417	U	0.0382	U	0.0381	U	0.0366	U	0.0377	U	0.288	J	0.0405	U
Semivolatile Organics by GC/MS																			
Acenaphthene	100	20	mg/kg	0.37	J	0.17	U	0.16	U	0.15	U	0.63	J	0.15	U	0.12	J	0.026	J
1,2,4-Trichlorobenzene			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Hexachlorobenzene	1.2	0.33	mg/kg	0.6	U	0.12	U	0.12	U	0.12	U	0.55	U	0.12	U	0.58	U	0.12	U
Bis(2-chloroethyl)ether			mg/kg	0.9	U	0.19	U	0.18	U	0.17	U	0.83	U	0.17	U	0.87	U	0.18	U
2-Chloronaphthalene			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
1,2-Dichlorobenzene	100	1.1	mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
1,3-Dichlorobenzene	49	2.4	mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
1,4-Dichlorobenzene	13	1.8	mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
3,3'-Dichlorobenzidine			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2,4-Dinitrotoluene			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2,6-Dinitrotoluene			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Fluoranthene	100	100	mg/kg	14		0.12	U	0.73		0.12	U	28		0.12	U	4.3		0.023	J
4-Chlorophenyl phenyl ether			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
4-Bromophenyl phenyl ether			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Bis(2-chloroisopropyl)ether			mg/kg	1.2	U	0.25	U	0.24	U	0.23	U	1.1	U	0.23	U	1.2	U	0.24	U
Bis(2-chloroethoxy)methane			mg/kg	1.1	U	0.22	U	0.21	U	0.21	U	0.99	U	0.21	U	1	U	0.22	U
Hexachlorobutadiene			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U

Table 1. Soil Analytical Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:				B-1 (3-5')		B-1 (10-12')		B-3 (1-3')		B-3 (13-15')		B-4 (1-3')		B-4 (10-12')		B-5 (0-2')		B-5 (10-12')	
Collection Date:				10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020	
Lab ID:				L2041810-01		L2041810-02		L2041810-03		L2041810-04		L2041810-05		L2041810-06		L2041810-07		L2041810-08	
Sample Type:				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorocyclopentadiene			mg/kg	2.8	U	0.6	U	0.56	U	0.55	U	2.6	U	0.55	U	2.8	U	0.58	U
Hexachloroethane			mg/kg	0.8	U	0.17	U	0.16	U	0.15	U	0.74	U	0.15	U	0.77	U	0.16	U
Isophorone			mg/kg	0.9	U	0.19	U	0.18	U	0.17	U	0.83	U	0.17	U	0.87	U	0.18	U
Naphthalene	100	12	mg/kg	0.16	J	0.21	U	0.024	J	0.19	U	0.93		0.19	U	0.21	J	0.2	U
Nitrobenzene			mg/kg	0.9	U	0.19	U	0.18	U	0.17	U	0.83	U	0.17	U	0.87	U	0.18	U
NDPA/DPA			mg/kg	0.8	U	0.17	U	0.16	U	0.15	U	0.74	U	0.15	U	0.77	U	0.16	U
n-Nitrosodi-n-propylamine			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Bis(2-ethylhexyl)phthalate			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Butyl benzyl phthalate			mg/kg	0.54	J	0.21	U	0.11	J	0.19	U	1.5		0.19	U	0.97	U	0.2	U
Di-n-butylphthalate			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Di-n-octylphthalate			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Diethyl phthalate			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Dimethyl phthalate			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Benzo(a)anthracene	1	1	mg/kg	9.4		0.12	U	0.42		0.12	U	17		0.12	U	2.5		0.12	U
Benzo(a)pyrene	1	1	mg/kg	7.5		0.17	U	0.39		0.15	U	16		0.15	U	2.7		0.16	U
Benzo(b)fluoranthene	1	1	mg/kg	8.9		0.12	U	0.47		0.12	U	19		0.12	U	3.7		0.12	U
Benzo(k)fluoranthene	3.9	0.8	mg/kg	3.3		0.12	U	0.11	J	0.12	U	7.2		0.12	U	0.88		0.12	U
Chrysene	3.9	1	mg/kg	8.2		0.12	U	0.42		0.12	U	16		0.12	U	2.5		0.12	U
Acenaphthylene	100	100	mg/kg	0.85		0.17	U	0.16	U	0.15	U	3.6		0.15	U	0.52	J	0.16	U
Anthracene	100	100	mg/kg	2.2		0.12	U	0.092	J	0.12	U	3.3		0.12	U	0.61		0.12	U
Benzo(ghi)perylene	100	100	mg/kg	4.2		0.17	U	0.24		0.15	U	9.4		0.15	U	1.9		0.16	U
Fluorene	100	30	mg/kg	0.4	J	0.21	U	0.2	U	0.19	U	0.97		0.19	U	0.12	J	0.027	J
Phenanthrene	100	100	mg/kg	6.3		0.12	U	0.33		0.12	U	14		0.12	U	2.3		0.029	J
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	1.2		0.12	U	0.053	J	0.12	U	2.5		0.12	U	0.44	J	0.12	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	4.4		0.17	U	0.24		0.15	U	9.5		0.15	U	1.9		0.16	U
Pyrene	100	100	mg/kg	14		0.12	U	0.7		0.12	U	29		0.12	U	4.3		0.022	J
Biphenyl			mg/kg	2.3	U	0.48	U	0.45	U	0.44	U	2.1	U	0.44	U	2.2	U	0.46	U
4-Chloroaniline			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2-Nitroaniline			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
3-Nitroaniline			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
4-Nitroaniline			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Dibenzofuran	59	7	mg/kg	0.18	J	0.21	U	0.2	U	0.19	U	0.5	J	0.19	U	0.098	J	0.2	U
2-Methylnaphthalene			mg/kg	1.2	U	0.25	U	0.24	U	0.23	U	0.42	J	0.23	U	0.15	J	0.24	U
1,2,4,5-Tetrachlorobenzene			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Acetophenone			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2,4,6-Trichlorophenol			mg/kg	0.6	U	0.12	U	0.12	U	0.12	U	0.55	U	0.12	U	0.58	U	0.12	U
p-Chloro-m-cresol			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2-Chlorophenol			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2,4-Dichlorophenol			mg/kg	0.9	U	0.19	U	0.18	U	0.17	U	0.83	U	0.17	U	0.87	U	0.18	U
2,4-Dimethylphenol			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2-Nitrophenol			mg/kg	2.2	U	0.45	U	0.42	U	0.42	U	2	U	0.42	U	2.1	U	0.44	U
4-Nitrophenol			mg/kg	1.4	U	0.29	U	0.27	U	0.27	U	1.3	U	0.27	U	1.4	U	0.28	U
2,4-Dinitrophenol			mg/kg	4.8	U	1	U	0.94	U	0.93	U	4.4	U	0.93	U	4.6	U	0.97	U
4,6-Dinitro-o-cresol			mg/kg	2.6	U	0.54	U	0.51	U	0.5	U	2.4	U	0.5	U	2.5	U	0.53	U
Pentachlorophenol	6.7	0.8	mg/kg	0.8	U	0.17	U	0.16	U	0.15	U	0.74	U	0.15	U	0.77	U	0.16	U
Phenol	100	0.33	mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
2-Methylphenol	100	0.33	mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	1.4	U	0.3	U	0.28	U	0.28	U	0.25	J	0.28	U	1.4	U	0.29	U
2,4,5-Trichlorophenol			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Benzoic Acid			mg/kg	3.2	U	0.68	U	0.64	U	0.62	U	3	U	0.63	U	3.1	U	0.66	U
Benzyl Alcohol			mg/kg	1	U	0.21	U	0.2	U	0.19	U	0.92	U	0.19	U	0.97	U	0.2	U
Carbazole			mg/kg	0.44	J	0.21	U	0.2	U	0.19	U	1		0.19	U	0.2	J	0.2	U
1,4-Dioxane	13	0.1	mg/kg	0.15	U	0.031	U	0.029	U	0.029	U	0.14	U	0.029	U	0.14	U	0.03	U

Table 1. Soil Analytical Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:				B-1 (3-5')		B-1 (10-12')		B-3 (1-3')		B-3 (13-15')		B-4 (1-3')		B-4 (10-12')		B-5 (0-2')		B-5 (10-12')	
Collection Date:				10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020	
Lab ID:				L2041810-01		L2041810-02		L2041810-03		L2041810-04		L2041810-05		L2041810-06		L2041810-07		L2041810-08	
Sample Type:				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																			
Aluminum, Total			mg/kg	10600		8150		8030		3660		6580		4240		7280		6120	
Antimony, Total			mg/kg	1.11	J	1.43	J	0.804	J	4.63	U	0.896	J	4.68	U	4.53	J	4.72	U
Arsenic, Total	16	13	mg/kg	6.74		2.39		4.62		0.602	J	9.32		1.57		12.2		2.45	
Barium, Total	400	350	mg/kg	102		23.1		77.1		15.6		101		12.2		245		36.3	
Beryllium, Total	72	7.2	mg/kg	0.219	J	0.247	J	0.292	J	0.083	J	0.263	J	0.14	J	0.29	J	0.236	J
Cadmium, Total	4.3	2.5	mg/kg	1.11		0.396	J	0.676	J	0.167	J	0.764	J	0.271	J	1.76		0.34	J
Calcium, Total			mg/kg	35400		958		21300		386		13600		537		8870		928	
Chromium, Total			mg/kg	30.9		17.5		14.8		9.3		14.6		9.96		18.2		16.8	
Cobalt, Total			mg/kg	5.05		5.32		5.68		2.37		5.26		3.22		5.78		7.61	
Copper, Total	270	50	mg/kg	162		12.4		42.6		10.9		37.8		8.79		60.7		10.4	
Iron, Total			mg/kg	15700		12900		15400		5460		18100		8800		33600		10000	
Lead, Total	400	63	mg/kg	93		4.08	J	124		1.76	J	204		2.4	J	449		6.24	
Magnesium, Total			mg/kg	3970		1600		1970		994		3640		999		2380		1840	
Manganese, Total	2000	1600	mg/kg	216		86.8		223		54.5		484		51.2		215		87.2	
Mercury, Total	0.81	0.18	mg/kg	0.219		0.079	U	0.413		0.074	U	1.44		0.074	U	5.56		0.078	U
Nickel, Total	310	30	mg/kg	21.5		9.72		11.3		6.06		10.9		6.53		15.8		10.4	
Potassium, Total			mg/kg	999		601		991		345		984		310		650		566	
Selenium, Total	180	3.9	mg/kg	1.9	U	1.98	U	1.83	U	1.85	U	0.246	J	1.87	U	0.245	J	1.89	U
Silver, Total	180	2	mg/kg	0.952	U	0.989	U	0.914	U	0.927	U	0.878	U	0.936	U	0.608	J	0.943	U
Sodium, Total			mg/kg	528		89.7	J	143	J	87	J	281		98.8	J	246		97.7	J
Thallium, Total			mg/kg	1.9	U	1.98	U	1.83	U	1.85	U	1.76	U	1.87	U	1.81	U	1.89	U
Vanadium, Total			mg/kg	57.5		33.3		23		10.8		20.9		13.3		30		24.5	
Zinc, Total	10000	109	mg/kg	257		24.6		159		13.3		126		15.9		347		30.2	
Volatile Organics by EPA 5035																			
Methylene chloride	100	0.05	mg/kg	0.0062	U	0.0051	U	0.0046	U	0.0062	U	0.0061	U	0.0059	U	0.0065	U	0.0057	U
1,1-Dichloroethane	26	0.27	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Chloroform	49	0.37	mg/kg	0.0018	U	0.0015	U	0.0014	U	0.0018	U	0.0018	U	0.0018	U	0.002	U	0.0017	U
Carbon tetrachloride	2.4	0.76	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
1,2-Dichloropropane			mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Dibromochloromethane			mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
1,1,2-Trichloroethane			mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Tetrachloroethene	19	1.3	mg/kg	0.00062	U	0.00051	U	0.02		0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
Chlorobenzene	100	1.1	mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
Trichlorofluoromethane			mg/kg	0.0049	U	0.0041	U	0.0037	U	0.0049	U	0.0049	U	0.0047	U	0.0052	U	0.0046	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
Bromodichloromethane			mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
trans-1,3-Dichloropropene			mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
cis-1,3-Dichloropropene			mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
1,3-Dichloropropene, Total			mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
1,1-Dichloropropene			mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
Bromoform			mg/kg	0.0049	U	0.0041	U	0.0037	U	0.0049	U	0.0049	U	0.0047	U	0.0052	U	0.0046	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
Benzene	4.8	0.06	mg/kg	0.00028	J	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
Toluene	100	0.7	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Ethylbenzene	41	1	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Chloromethane			mg/kg	0.0049	U	0.0041	U	0.0037	U	0.0049	U	0.0049	U	0.0047	U	0.0052	U	0.0046	U
Bromomethane			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
Vinyl chloride	0.9	0.02	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Chloroethane			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,1-Dichloroethene	100	0.33	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
trans-1,2-Dichloroethene	100	0.19	mg/kg	0.0018	U	0.0015	U	0.0014	U	0.0018	U	0.0018	U	0.0018	U	0.002	U	0.0017	U
Trichloroethene	21	0.47	mg/kg	0.00062	U	0.00051	U	0.022		0.00028	J	0.00061	U	0.00059	U	0.00065	U	0.00057	U

Table 1. Soil Analytical Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:				B-1 (3-5')		B-1 (10-12')		B-3 (1-3')		B-3 (13-15')		B-4 (1-3')		B-4 (10-12')		B-5 (0-2')		B-5 (10-12')	
Collection Date:				10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020		10/1/2020	
Lab ID:				L2041810-01		L2041810-02		L2041810-03		L2041810-04		L2041810-05		L2041810-06		L2041810-07		L2041810-08	
Sample Type:				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
Methyl tert butyl ether	100	0.93	mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
p/m-Xylene			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
o-Xylene			mg/kg	0.00047	J	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Xylenes, Total	100	0.26	mg/kg	0.00047	J	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
cis-1,2-Dichloroethene	100	0.25	mg/kg	0.0056		0.031		0.0037		0.086		0.0012	U	0.0083		0.0013	U	0.0011	U
1,2-Dichloroethene, Total			mg/kg	0.0056		0.031		0.0037		0.086		0.0012	U	0.0083		0.0013	U	0.0011	U
Dibromomethane			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
Styrene			mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Dichlorodifluoromethane			mg/kg	0.012	U	0.01	U	0.0092	U	0.012	U	0.012	U	0.012	U	0.013	U	0.011	U
Acetone	100	0.05	mg/kg	0.03		0.01	U	0.0092	U	0.01	J	0.012	U	0.012	U	0.013	U	0.011	U
Carbon disulfide			mg/kg	0.012	U	0.01	U	0.0092	U	0.012	U	0.012	U	0.012	U	0.013	U	0.011	U
2-Butanone	100	0.12	mg/kg	0.0032	J	0.01	U	0.0092	U	0.012	U	0.012	U	0.012	U	0.013	U	0.011	U
Vinyl acetate			mg/kg	0.012	U	0.01	U	0.0092	U	0.012	U	0.012	U	0.012	U	0.013	U	0.011	U
4-Methyl-2-pentanone			mg/kg	0.012	U	0.01	U	0.0092	U	0.012	U	0.012	U	0.012	U	0.013	U	0.011	U
1,2,3-Trichloropropane			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
2-Hexanone			mg/kg	0.012	U	0.01	U	0.0092	U	0.012	U	0.012	U	0.012	U	0.013	U	0.011	U
Bromochloromethane			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
2,2-Dichloropropane			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,2-Dibromoethane			mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
1,3-Dichloropropane			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,1,1,2-Tetrachloroethane			mg/kg	0.00062	U	0.00051	U	0.00046	U	0.00062	U	0.00061	U	0.00059	U	0.00065	U	0.00057	U
Bromobenzene			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
n-Butylbenzene	100	12	mg/kg	0.0002	J	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
sec-Butylbenzene	100	11	mg/kg	0.00039	J	0.001	U	0.00092	U	0.0012	U	0.00018	J	0.0012	U	0.0013	U	0.0011	U
tert-Butylbenzene	100	5.9	mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
o-Chlorotoluene			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
p-Chlorotoluene			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0037	U	0.0031	U	0.0028	U	0.0037	U	0.0037	U	0.0035	U	0.0039	U	0.0034	U
Hexachlorobutadiene			mg/kg	0.0049	U	0.0041	U	0.0037	U	0.0049	U	0.0049	U	0.0047	U	0.0052	U	0.0046	U
Isopropylbenzene			mg/kg	0.0002	J	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
p-Isopropyltoluene			mg/kg	0.00031	J	0.001	U	0.00092	U	0.0012	U	0.00034	J	0.0012	U	0.00021	J	0.0011	U
Naphthalene	100	12	mg/kg	0.0014	J	0.0041	U	0.0037	U	0.0049	U	0.0081		0.0047	U	0.0052	U	0.0046	U
Acrylonitrile			mg/kg	0.0049	U	0.0041	U	0.0037	U	0.0049	U	0.0049	U	0.0047	U	0.0052	U	0.0046	U
n-Propylbenzene	100	3.9	mg/kg	0.0012	U	0.001	U	0.00092	U	0.0012	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
1,2,3-Trichlorobenzene			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,2,4-Trichlorobenzene			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0012	J	0.002	U	0.0018	U	0.0025	U	0.00037	J	0.0024	U	0.0026	U	0.0023	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0027		0.002	U	0.0018	U	0.0025	U	0.00041	J	0.0024	U	0.0026	U	0.0023	U
1,4-Dioxane	13	0.1	mg/kg	0.098	U	0.082	U	0.074	U	0.099	U	0.098	U	0.094	U	0.1	U	0.092	U
p-Diethylbenzene			mg/kg	0.0023	J	0.002	U	0.0018	U	0.0025	U	0.0037		0.0024	U	0.0026	U	0.0023	U
p-Ethyltoluene			mg/kg	0.0011	J	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.00097	J	0.002	U	0.0018	U	0.0025	U	0.0015	J	0.0024	U	0.0026	U	0.0023	U
Ethyl ether			mg/kg	0.0025	U	0.002	U	0.0018	U	0.0025	U	0.0024	U	0.0024	U	0.0026	U	0.0023	U
trans-1,4-Dichloro-2-butene			mg/kg	0.0062	U	0.0051	U	0.0046	U	0.0062	U	0.0061	U	0.0059	U	0.0065	U	0.0057	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, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

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

Table 2. Groundwater Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:			TW-1		TW-2	
Collection Date:			10/1/2020		10/1/2020	
Lab ID:			L2041806-01		L2041806-02	
Sample Type:			WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual
Polychlorinated Biphenyls by GC						
Aroclor 1016	0.09	ug/l	0.083	U	0.083	U
Aroclor 1221	0.09	ug/l	0.083	U	0.083	U
Aroclor 1232	0.09	ug/l	0.083	U	0.083	U
Aroclor 1242	0.09	ug/l	0.083	U	0.083	U
Aroclor 1248	0.09	ug/l	0.083	U	0.083	U
Aroclor 1254	0.09	ug/l	0.083	U	0.083	U
Aroclor 1260	0.09	ug/l	0.083	U	0.083	U
Aroclor 1262	0.09	ug/l	0.083	U	0.083	U
Aroclor 1268	0.09	ug/l	0.083	U	0.083	U
PCBs, Total		ug/l	0.083	U	0.083	U
Semivolatile Organics by GC/MS						
1,2,4-Trichlorobenzene	5	ug/l	5	U	5	U
Bis(2-chloroethyl)ether	1	ug/l	2	U	2	U
1,2-Dichlorobenzene	3	ug/l	2	U	2	U
1,3-Dichlorobenzene	3	ug/l	2	U	2	U
1,4-Dichlorobenzene	3	ug/l	2	U	2	U
3,3'-Dichlorobenzidine	5	ug/l	5	U	5	U
2,4-Dinitrotoluene	5	ug/l	5	U	5	U
2,6-Dinitrotoluene	5	ug/l	5	U	5	U
4-Chlorophenyl phenyl ether		ug/l	2	U	2	U
4-Bromophenyl phenyl ether		ug/l	2	U	2	U
Bis(2-chloroisopropyl)ether	5	ug/l	2	U	2	U
Bis(2-chloroethoxy)methane	5	ug/l	5	U	5	U
Hexachlorocyclopentadiene	5	ug/l	20	U	20	U
Isophorone	50	ug/l	5	U	5	U
Nitrobenzene	0.4	ug/l	2	U	2	U
NDPA/DPA	50	ug/l	2	U	2	U
n-Nitrosodi-n-propylamine		ug/l	5	U	5	U
Bis(2-ethylhexyl)phthalate	5	ug/l	3	U	1.5	J
Butyl benzyl phthalate	50	ug/l	5	U	5	U
Di-n-butylphthalate	50	ug/l	5	U	0.4	J
Di-n-octylphthalate	50	ug/l	5	U	5	U
Diethyl phthalate	50	ug/l	5	U	5	U
Dimethyl phthalate	50	ug/l	5	U	5	U
Biphenyl		ug/l	2	U	2	U
4-Chloroaniline	5	ug/l	5	U	5	U
2-Nitroaniline	5	ug/l	5	U	5	U
3-Nitroaniline	5	ug/l	5	U	5	U
4-Nitroaniline	5	ug/l	5	U	5	U
Dibenzofuran		ug/l	2	U	2	U
1,2,4,5-Tetrachlorobenzene	5	ug/l	10	U	10	U
Acetophenone		ug/l	5	U	5	U
2,4,6-Trichlorophenol		ug/l	5	U	5	U
p-Chloro-m-cresol		ug/l	2	U	2	U
2-Chlorophenol		ug/l	2	U	2	U
2,4-Dichlorophenol	1	ug/l	5	U	5	U
2,4-Dimethylphenol	50	ug/l	5	U	5	U
2-Nitrophenol		ug/l	10	U	10	U
4-Nitrophenol		ug/l	10	U	10	U
2,4-Dinitrophenol	10	ug/l	20	U	20	U
4,6-Dinitro-o-cresol		ug/l	10	U	10	U
Phenol	1	ug/l	5	U	5	U
2-Methylphenol		ug/l	5	U	5	U
3-Methylphenol/4-Methylphenol		ug/l	5	U	5	U
2,4,5-Trichlorophenol		ug/l	5	U	5	U
Benzoic Acid		ug/l	50	U	8.7	J
Benzyl Alcohol		ug/l	2	U	2	U
Carbazole		ug/l	2	U	2	U

Table 2. Groundwater Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:			TW-1		TW-2	
Collection Date:			10/1/2020		10/1/2020	
Lab ID:			L2041806-01		L2041806-02	
Sample Type:			WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS-SIM						
Acenaphthene	20	ug/l	0.1	U	0.02	J
2-Chloronaphthalene	10	ug/l	0.2	U	0.2	U
Fluoranthene	50	ug/l	0.12		0.09	J
Hexachlorobutadiene	0.5	ug/l	0.5	U	0.5	U
Naphthalene	10	ug/l	0.1	U	0.1	U
Benzo(a)anthracene	0.002	ug/l	0.07	J	0.04	J
Benzo(a)pyrene	0	ug/l	0.06	J	0.03	J
Benzo(b)fluoranthene	0.002	ug/l	0.06	J	0.03	J
Benzo(k)fluoranthene	0.002	ug/l	0.05	J	0.02	J
Chrysene	0.002	ug/l	0.07	J	0.04	J
Acenaphthylene		ug/l	0.1	U	0.1	U
Anthracene	50	ug/l	0.04	J	0.04	J
Benzo(ghi)perylene		ug/l	0.05	J	0.04	J
Fluorene	50	ug/l	0.1	U	0.1	U
Phenanthrene	50	ug/l	0.1	J	0.13	
Dibenzo(a,h)anthracene		ug/l	0.1	U	0.02	J
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.05	J	0.02	J
Pyrene	50	ug/l	0.11		0.08	J
2-Methylnaphthalene		ug/l	0.1	U	0.1	U
Pentachlorophenol	1	ug/l	0.8	U	0.8	U
Hexachlorobenzene	0.04	ug/l	0.8	U	0.8	U
Hexachloroethane	5	ug/l	0.8	U	0.8	U
Total Metals						
Aluminum, Total		ug/l	2950		619	
Antimony, Total	3	ug/l	0.66	J	4	U
Arsenic, Total	25	ug/l	1.55		0.66	
Barium, Total	1000	ug/l	94.65		75.41	
Beryllium, Total	3	ug/l	0.15	J	0.5	U
Cadmium, Total	5	ug/l	0.2	U	0.2	U
Calcium, Total		ug/l	253000		155000	
Chromium, Total	50	ug/l	9.28		2.03	
Cobalt, Total		ug/l	4.42		2.09	
Copper, Total	200	ug/l	15.56		8.04	
Iron, Total	300	ug/l	3810		1970	
Lead, Total	25	ug/l	4.97		4.07	
Magnesium, Total	35000	ug/l	26900		12200	
Manganese, Total	300	ug/l	127.3		320.2	
Mercury, Total	0.7	ug/l	0.2	U	0.2	U
Nickel, Total	100	ug/l	23.27		12.51	
Potassium, Total		ug/l	24600		16900	
Selenium, Total	10	ug/l	7.75		5	U
Silver, Total	50	ug/l	0.4	U	0.4	U
Sodium, Total	20000	ug/l	88800		61100	
Thallium, Total	0.5	ug/l	0.5	U	0.5	U
Vanadium, Total		ug/l	14.57		2.63	J
Zinc, Total	2000	ug/l	12.76		11.98	

Table 2. Groundwater Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:			TW-1		TW-2	
Collection Date:			10/1/2020		10/1/2020	
Lab ID:			L2041806-01		L2041806-02	
Sample Type:			WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual
Volatile Organics by GC/MS						
Methylene chloride	5	ug/l	6.2	U	2.5	U
1,1-Dichloroethane	5	ug/l	6.2	U	2.5	U
Chloroform	7	ug/l	6.2	U	2.5	U
Carbon tetrachloride	5	ug/l	1.2	U	0.5	U
1,2-Dichloropropane	1	ug/l	2.5	U	1	U
Dibromochloromethane	50	ug/l	1.2	U	0.5	U
1,1,2-Trichloroethane	1	ug/l	3.8	U	1.5	U
Tetrachloroethene	5	ug/l	1.2	U	0.19	J
Chlorobenzene	5	ug/l	6.2	U	2.5	U
Trichlorofluoromethane	5	ug/l	6.2	U	2.5	U
1,2-Dichloroethane	0.6	ug/l	1.2	U	0.5	U
1,1,1-Trichloroethane	5	ug/l	6.2	U	2.5	U
Bromodichloromethane	50	ug/l	1.2	U	0.5	U
trans-1,3-Dichloropropene	0.4	ug/l	1.2	U	0.5	U
cis-1,3-Dichloropropene	0.4	ug/l	1.2	U	0.5	U
1,3-Dichloropropene, Total		ug/l	1.2	U	0.5	U
1,1-Dichloropropene	5	ug/l	6.2	U	2.5	U
Bromoform	50	ug/l	5	U	2	U
1,1,2,2-Tetrachloroethane	5	ug/l	1.2	U	0.5	U
Benzene	1	ug/l	1.2	U	0.5	U
Toluene	5	ug/l	6.2	U	2.5	U
Ethylbenzene	5	ug/l	6.2	U	2.5	U
Chloromethane		ug/l	6.2	U	2.5	U
Bromomethane	5	ug/l	6.2	U	2.5	U
Vinyl chloride	2	ug/l	1.4	J	29	
Chloroethane	5	ug/l	6.2	U	2.5	U
1,1-Dichloroethene	5	ug/l	1.2	U	0.17	J
trans-1,2-Dichloroethene	5	ug/l	6.2	U	2.5	U
Trichloroethene	5	ug/l	1.4		0.51	
1,2-Dichlorobenzene	3	ug/l	6.2	U	2.5	U
1,3-Dichlorobenzene	3	ug/l	6.2	U	2.5	U
1,4-Dichlorobenzene	3	ug/l	6.2	U	2.5	U
Methyl tert butyl ether	10	ug/l	6.2	U	2.5	U
p/m-Xylene	5	ug/l	6.2	U	2.5	U
o-Xylene	5	ug/l	6.2	U	2.5	U
Xylenes, Total		ug/l	6.2	U	2.5	U
cis-1,2-Dichloroethene	5	ug/l	260		160	
1,2-Dichloroethene, Total		ug/l	260		160	
Dibromomethane	5	ug/l	12	U	5	U
1,2,3-Trichloropropane	0.04	ug/l	6.2	U	2.5	U
Acrylonitrile	5	ug/l	12	U	5	U
Styrene	5	ug/l	6.2	U	2.5	U
Dichlorodifluoromethane	5	ug/l	12	U	5	U
Acetone	50	ug/l	12	U	5	U
Carbon disulfide	60	ug/l	12	U	5	U
2-Butanone	50	ug/l	12	U	5	U
Vinyl acetate		ug/l	12	U	5	U
4-Methyl-2-pentanone		ug/l	12	U	5	U
2-Hexanone	50	ug/l	12	U	5	U
Bromochloromethane	5	ug/l	6.2	U	2.5	U
2,2-Dichloropropane	5	ug/l	6.2	U	2.5	U
1,2-Dibromoethane	0.0006	ug/l	5	U	2	U

Table 2. Groundwater Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:			TW-1		TW-2	
Collection Date:			10/1/2020		10/1/2020	
Lab ID:			L2041806-01		L2041806-02	
Sample Type:			WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual
1,3-Dichloropropane	5	ug/l	6.2	U	2.5	U
1,1,1,2-Tetrachloroethane	5	ug/l	6.2	U	2.5	U
Bromobenzene	5	ug/l	6.2	U	2.5	U
n-Butylbenzene	5	ug/l	6.2	U	2.5	U
sec-Butylbenzene	5	ug/l	6.2	U	2.5	U
tert-Butylbenzene	5	ug/l	6.2	U	2.5	U
o-Chlorotoluene	5	ug/l	6.2	U	2.5	U
p-Chlorotoluene	5	ug/l	6.2	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	ug/l	6.2	U	2.5	U
Hexachlorobutadiene	0.5	ug/l	6.2	U	2.5	U
Isopropylbenzene	5	ug/l	6.2	U	2.5	U
p-Isopropyltoluene	5	ug/l	6.2	U	2.5	U
Naphthalene	10	ug/l	6.2	U	2.5	U
n-Propylbenzene	5	ug/l	6.2	U	2.5	U
1,2,3-Trichlorobenzene	5	ug/l	6.2	U	2.5	U
1,2,4-Trichlorobenzene	5	ug/l	6.2	U	2.5	U
1,3,5-Trimethylbenzene	5	ug/l	6.2	U	2.5	U
1,2,4-Trimethylbenzene	5	ug/l	6.2	U	2.5	U
1,4-Dioxane		ug/l	620	U	250	U
p-Diethylbenzene		ug/l	5	U	2	U
p-Ethyltoluene		ug/l	5	U	2	U
1,2,4,5-Tetramethylbenzene	5	ug/l	5	U	2	U
Ethyl ether		ug/l	6.2	U	2.5	U
trans-1,4-Dichloro-2-butene	5	ug/l	6.2	U	2.5	U

Notes:

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

Table 3. Soil Vapor Results
89-93 Gerry Street, Brooklyn, NY

Sample ID:					SV-1		SV-2	
Collection Date:					10/1/2020		10/1/2020	
Lab ID:					L2041786-01		L2041786-02	
Sample Type:					SOIL VAPOR		SOIL_VAPOR	
	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual
Volatile Organics in Air								
Dichlorodifluoromethane				ug/m3	9.89	U	12.4	U
Chloromethane				ug/m3	4.13	U	5.16	U
Freon-114				ug/m3	14	U	17.5	U
Vinyl chloride			6	ug/m3	455		6.39	U
1,3-Butadiene				ug/m3	4.42	U	5.53	U
Bromomethane				ug/m3	7.77	U	9.71	U
Chloroethane				ug/m3	5.28	U	6.6	U
Ethanol				ug/m3	94.2	U	118	U
Vinyl bromide				ug/m3	8.74	U	10.9	U
Acetone				ug/m3	119		2050	
Trichlorofluoromethane				ug/m3	11.2	U	14	U
Isopropanol				ug/m3	12.3	U	15.4	U
1,1-Dichloroethene	6			ug/m3	7.93	U	9.91	U
Tertiary butyl Alcohol				ug/m3	15.2	U	18.9	U
Methylene chloride		100		ug/m3	17.4	U	21.7	U
3-Chloropropene				ug/m3	6.26	U	7.83	U
Carbon disulfide				ug/m3	87.2		7.79	U
Freon-113				ug/m3	15.3	U	19.2	U
trans-1,2-Dichloroethene				ug/m3	14.3		9.91	U
1,1-Dichloroethane				ug/m3	8.09	U	10.1	U
Methyl tert butyl ether				ug/m3	7.21	U	9.01	U
2-Butanone				ug/m3	1240		1880	
cis-1,2-Dichloroethene	6			ug/m3	658		9.91	U
Ethyl Acetate				ug/m3	18	U	22.5	U
Chloroform				ug/m3	9.77	U	12.2	U
Tetrahydrofuran				ug/m3	14.7	U	18.4	U
1,2-Dichloroethane				ug/m3	8.09	U	10.1	U
n-Hexane				ug/m3	13.5		27.1	
1,1,1-Trichloroethane		100		ug/m3	10.9	U	13.6	U
Benzene				ug/m3	6.39	U	7.99	U
Carbon tetrachloride	6			ug/m3	12.6	U	15.7	U
Cyclohexane				ug/m3	17.4		8.61	U
1,2-Dichloropropane				ug/m3	9.24	U	11.6	U
Bromodichloromethane				ug/m3	13.4	U	16.7	U
1,4-Dioxane				ug/m3	7.21	U	9.01	U
Trichloroethene	6			ug/m3	118		13.4	U
2,2,4-Trimethylpentane				ug/m3	13.4		11.7	U
Heptane				ug/m3	8.2	U	10.4	
cis-1,3-Dichloropropene				ug/m3	9.08	U	11.3	U
4-Methyl-2-pentanone				ug/m3	20.5	U	25.6	U
trans-1,3-Dichloropropene				ug/m3	9.08	U	11.3	U
1,1,2-Trichloroethane				ug/m3	10.9	U	13.6	U
Toluene				ug/m3	47.5		34.2	
2-Hexanone				ug/m3	128		201	
Dibromochloromethane				ug/m3	17	U	21.3	U
1,2-Dibromoethane				ug/m3	15.4	U	19.2	U
Tetrachloroethene		100		ug/m3	13.9		17	U
Chlorobenzene				ug/m3	9.21	U	11.5	U
Ethylbenzene				ug/m3	10.9		15.7	
p/m-Xylene				ug/m3	40.7		49.5	
Bromoform				ug/m3	20.7	U	25.8	U
Styrene				ug/m3	8.52	U	10.6	U
1,1,2,2-Tetrachloroethane				ug/m3	13.7	U	17.2	U
o-Xylene				ug/m3	15.1		17.7	
4-Ethyltoluene				ug/m3	9.83	U	12.3	U
1,2,4-Trimethylbenzene				ug/m3	9.83	U	12.3	U
Benzyl chloride				ug/m3	10.4	U	12.9	U
1,3-Dichlorobenzene				ug/m3	12	U	15	U
1,4-Dichlorobenzene				ug/m3	12	U	15	U
1,2-Dichlorobenzene				ug/m3	12	U	15	U
1,2,4-Trichlorobenzene				ug/m3	14.8	U	18.6	U
Hexachlorobutadiene				ug/m3	21.3	U	26.7	U
Volatile Organics in Air by SIM								
1,3,5-Trimethybenzene				ug/m3	1.28		1.35	

Notes:

* Comparison is not performed on parameters with non-numeric criteria.

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

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

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

ATTACHEMNT A

LABORATORY REPORTS

HALEY ALDRICH

ANALYTICAL REPORT

Lab Number:	L2041786
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Conlon
Phone:	(347) 271-1521
Project Name:	89-93 GERRY STREET
Project Number:	135597-002
Report Date:	10/07/20

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: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041786
Report Date: 10/07/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2041786-01	SV-1	SOIL_VAPOR	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 13:55	10/01/20
L2041786-02	SV-2	SOIL_VAPOR	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 13:12	10/01/20

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041786
Project Number:	135597-002	**Report Date:**	10/07/20

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:	89-93 GERRY STREET	**Lab Number:**	L2041786
Project Number:	135597-002	**Report Date:**	10/07/20

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 1, 2020. The canister certification results are provided as an addendum.

L2041786-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2041786-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1418804-3 LCS recoveries for 1,3,5-trimethylbenzene (69%) are outside the 70%-130% acceptance limit. Results for this analyte were reported via the TO15-SIM 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: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/07/20

AIR

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-01 D
Client ID: SV-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:55
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/06/20 19:54
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	178	2.00	--	455	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	50.0	10.0	--	119	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	28.0	2.00	--	87.2	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	3.60	2.00	--	14.3	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	421	5.00	--	1240	14.7	--		10
cis-1,2-Dichloroethene	166	2.00	--	658	7.93	--		10

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-01 D
Client ID: SV-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:55
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	3.83	2.00	--	13.5	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	5.06	2.00	--	17.4	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	22.0	2.00	--	118	10.7	--		10
2,2,4-Trimethylpentane	2.87	2.00	--	13.4	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	12.6	2.00	--	47.5	7.54	--		10
2-Hexanone	31.2	2.00	--	128	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	2.05	2.00	--	13.9	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	2.52	2.00	--	10.9	8.69	--		10

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-01 D
Client ID: SV-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:55
Date Received: 10/01/20
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	9.38	4.00	--	40.7	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	3.47	2.00	--	15.1	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-01 D
Client ID: SV-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:55
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/06/20 19:54
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3,5-Trimethybenzene	0.260	0.200	--	1.28	0.983	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-02 D
Client ID: SV-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:12
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/06/20 20:30
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.50	--	ND	12.4	--		12.5
Chloromethane	ND	2.50	--	ND	5.16	--		12.5
Freon-114	ND	2.50	--	ND	17.5	--		12.5
Vinyl chloride	ND	2.50	--	ND	6.39	--		12.5
1,3-Butadiene	ND	2.50	--	ND	5.53	--		12.5
Bromomethane	ND	2.50	--	ND	9.71	--		12.5
Chloroethane	ND	2.50	--	ND	6.60	--		12.5
Ethanol	ND	62.5	--	ND	118	--		12.5
Vinyl bromide	ND	2.50	--	ND	10.9	--		12.5
Acetone	862	12.5	--	2050	29.7	--		12.5
Trichlorofluoromethane	ND	2.50	--	ND	14.0	--		12.5
Isopropanol	ND	6.25	--	ND	15.4	--		12.5
1,1-Dichloroethene	ND	2.50	--	ND	9.91	--		12.5
Tertiary butyl Alcohol	ND	6.25	--	ND	18.9	--		12.5
Methylene chloride	ND	6.25	--	ND	21.7	--		12.5
3-Chloropropene	ND	2.50	--	ND	7.83	--		12.5
Carbon disulfide	ND	2.50	--	ND	7.79	--		12.5
Freon-113	ND	2.50	--	ND	19.2	--		12.5
trans-1,2-Dichloroethene	ND	2.50	--	ND	9.91	--		12.5
1,1-Dichloroethane	ND	2.50	--	ND	10.1	--		12.5
Methyl tert butyl ether	ND	2.50	--	ND	9.01	--		12.5
2-Butanone	636	6.25	--	1880	18.4	--		12.5
cis-1,2-Dichloroethene	ND	2.50	--	ND	9.91	--		12.5

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-02 D
Client ID: SV-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:12
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	6.25	--	ND	22.5	--		12.5
Chloroform	ND	2.50	--	ND	12.2	--		12.5
Tetrahydrofuran	ND	6.25	--	ND	18.4	--		12.5
1,2-Dichloroethane	ND	2.50	--	ND	10.1	--		12.5
n-Hexane	7.70	2.50	--	27.1	8.81	--		12.5
1,1,1-Trichloroethane	ND	2.50	--	ND	13.6	--		12.5
Benzene	ND	2.50	--	ND	7.99	--		12.5
Carbon tetrachloride	ND	2.50	--	ND	15.7	--		12.5
Cyclohexane	ND	2.50	--	ND	8.61	--		12.5
1,2-Dichloropropane	ND	2.50	--	ND	11.6	--		12.5
Bromodichloromethane	ND	2.50	--	ND	16.7	--		12.5
1,4-Dioxane	ND	2.50	--	ND	9.01	--		12.5
Trichloroethene	ND	2.50	--	ND	13.4	--		12.5
2,2,4-Trimethylpentane	ND	2.50	--	ND	11.7	--		12.5
Heptane	2.54	2.50	--	10.4	10.2	--		12.5
cis-1,3-Dichloropropene	ND	2.50	--	ND	11.3	--		12.5
4-Methyl-2-pentanone	ND	6.25	--	ND	25.6	--		12.5
trans-1,3-Dichloropropene	ND	2.50	--	ND	11.3	--		12.5
1,1,2-Trichloroethane	ND	2.50	--	ND	13.6	--		12.5
Toluene	9.08	2.50	--	34.2	9.42	--		12.5
2-Hexanone	49.1	2.50	--	201	10.2	--		12.5
Dibromochloromethane	ND	2.50	--	ND	21.3	--		12.5
1,2-Dibromoethane	ND	2.50	--	ND	19.2	--		12.5
Tetrachloroethene	ND	2.50	--	ND	17.0	--		12.5
Chlorobenzene	ND	2.50	--	ND	11.5	--		12.5
Ethylbenzene	3.61	2.50	--	15.7	10.9	--		12.5

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-02 D
Client ID: SV-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:12
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	11.4	5.00	--	49.5	21.7	--		12.5
Bromoform	ND	2.50	--	ND	25.8	--		12.5
Styrene	ND	2.50	--	ND	10.6	--		12.5
1,1,2,2-Tetrachloroethane	ND	2.50	--	ND	17.2	--		12.5
o-Xylene	4.08	2.50	--	17.7	10.9	--		12.5
4-Ethyltoluene	ND	2.50	--	ND	12.3	--		12.5
1,2,4-Trimethylbenzene	ND	2.50	--	ND	12.3	--		12.5
Benzyl chloride	ND	2.50	--	ND	12.9	--		12.5
1,3-Dichlorobenzene	ND	2.50	--	ND	15.0	--		12.5
1,4-Dichlorobenzene	ND	2.50	--	ND	15.0	--		12.5
1,2-Dichlorobenzene	ND	2.50	--	ND	15.0	--		12.5
1,2,4-Trichlorobenzene	ND	2.50	--	ND	18.6	--		12.5
Hexachlorobutadiene	ND	2.50	--	ND	26.7	--		12.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041786
Report Date: 10/07/20

SAMPLE RESULTS

Lab ID: L2041786-02 D
Client ID: SV-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 13:12
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/06/20 20:30
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,3,5-Trimethybenzene	0.275	0.250	--	1.35	1.23	--		12.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/06/20 14:19

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: WG1418804-4								
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: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/06/20 14:19

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: WG1418804-4								
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: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/06/20 14:19

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: WG1418804-4								
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

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041786
Report Date: 10/07/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/06/20 14:59

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 for sample(s): 01-02 Batch: WG1418823-4								
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041786
Report Date: 10/07/20

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: WG1418804-3								
Dichlorodifluoromethane	80		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	86		-		70-130	-		
Vinyl chloride	87		-		70-130	-		
1,3-Butadiene	101		-		70-130	-		
Bromomethane	85		-		70-130	-		
Chloroethane	82		-		70-130	-		
Ethanol	92		-		40-160	-		
Vinyl bromide	82		-		70-130	-		
Acetone	86		-		40-160	-		
Trichlorofluoromethane	81		-		70-130	-		
Isopropanol	85		-		40-160	-		
1,1-Dichloroethene	93		-		70-130	-		
Tertiary butyl Alcohol	81		-		70-130	-		
Methylene chloride	105		-		70-130	-		
3-Chloropropene	106		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
Freon-113	87		-		70-130	-		
trans-1,2-Dichloroethene	93		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	85		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041786

Report Date: 10/07/20

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: WG1418804-3								
Ethyl Acetate	99		-		70-130	-		
Chloroform	100		-		70-130	-		
Tetrahydrofuran	100		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	106		-		70-130	-		
1,1,1-Trichloroethane	108		-		70-130	-		
Benzene	103		-		70-130	-		
Carbon tetrachloride	117		-		70-130	-		
Cyclohexane	107		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Bromodichloromethane	116		-		70-130	-		
1,4-Dioxane	106		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	111		-		70-130	-		
Heptane	121		-		70-130	-		
cis-1,3-Dichloropropene	109		-		70-130	-		
4-Methyl-2-pentanone	125		-		70-130	-		
trans-1,3-Dichloropropene	98		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	85		-		70-130	-		
2-Hexanone	107		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041786

Report Date: 10/07/20

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: WG1418804-3								
Tetrachloroethene	85		-		70-130	-		
Chlorobenzene	90		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
p/m-Xylene	91		-		70-130	-		
Bromoform	99		-		70-130	-		
Styrene	91		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	92		-		70-130	-		
4-Ethyltoluene	94		-		70-130	-		
1,3,5-Trimethylbenzene	**69**	Q	-		70-130	-		
1,2,4-Trimethylbenzene	95		-		70-130	-		
Benzyl chloride	100		-		70-130	-		
1,3-Dichlorobenzene	96		-		70-130	-		
1,4-Dichlorobenzene	94		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
1,2,4-Trichlorobenzene	79		-		70-130	-		
Hexachlorobutadiene	86		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041786

Report Date: 10/07/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab	Associated sample(s): 01-02		Batch: WG1418823-3					
1,3,5-Trimethybenzene	87		-		70-130	-		25

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041786

Report Date: 10/07/20

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
L2041786-01	SV-1	01820	Flow 3	10/01/20	331602		-	-	-	Pass	18.0	17.2	5
L2041786-01	SV-1	321	2.7L Can	10/01/20	331602	L2039642-01	Pass	-29.4	-5.4	-	-	-	-
L2041786-02	SV-2	01785	Flow 3	10/01/20	331602		-	-	-	Pass	18.0	17.2	5
L2041786-02	SV-2	325	2.7L Can	10/01/20	331602	L2039642-01	Pass	-29.4	-4.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2039642

Project Number: CANISTER QC BAT **Report Date:** 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/23/20 02:15
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: L2039642
Report Date: 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2039642

Project Number: CANISTER QC BAT **Report Date:** 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
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: L2039642
Report Date: 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2039642
Report Date: 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2039642

Project Number: CANISTER QC BAT **Report Date:** 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/23/20 02:15
Analyst: TS

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2039642

Project Number: CANISTER QC BAT **Report Date:** 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
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 **Lab Number:** L2039642

Project Number: CANISTER QC BAT **Report Date:** 10/07/20

Air Canister Certification Results

Lab ID: L2039642-01
Client ID: CAN 2019 SHELF 20
Sample Location:

Date Collected: 09/21/20 16:00
Date Received: 09/22/20
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	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041786
Report Date: 10/07/20

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(*)
L2041786-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2041786-01Z	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2041786-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2041786-02Z	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041786
Project Number:	135597-002	**Report Date:**	10/07/20

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:	89-93 GERRY STREET	**Lab Number:**	L2041786
Project Number:	135597-002	**Report Date:**	10/07/20

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. 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 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.

Report Format: Data Usability Report

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041786
Project Number:	135597-002	**Report Date:**	10/07/20

Data Qualifiers

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

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041786
Project Number:	135597-002	**Report Date:**	10/07/20

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

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 10/2/20

ALPHA Job #: L2041786

Client Information

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

Project Information

Project Name: 89-93 Gerry Street
Project Location: 89-93 Gerry Street Brooklyn, NY
Project #: 135597-002
Project Manager: Mari 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: PDFt Excel
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs)	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
41786-01	SV-1	10-1-20	1155	1355	-29.84	-5.74	SV	SC	2.7L	321	01820	X						
02	SV-2	10-1-20	1109	1312	-30.01	-4.91	SV	SC	2.7L	325	01785	X						

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

Container Type

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:
Mark Simmel	10-1-2020/1600	[illegible] (DAL)	10/1/2020 1600
[illegible] (DAL)	10/1/2020 1945	[illegible] AAL	10/1/20 22:30
[illegible] AAL	10/2/20 03:30	[illegible]	10/2/20 03:30

ANALYTICAL REPORT

Lab Number:	L2041806
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Conlon
Phone:	(347) 271-1521
Project Name:	89-93 GERRY STREET
Project Number:	135597-002
Report Date:	10/08/20

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: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2041806-01	TW-1	WATER	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 14:07	10/01/20
L2041806-02	TW-2	WATER	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 14:45	10/01/20

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041806
Project Number:	135597-002	**Report Date:**	10/08/20

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:	89-93 GERRY STREET	**Lab Number:**	L2041806
Project Number:	135597-002	**Report Date:**	10/08/20

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 10/08/20

ORGANICS

VOLATILES

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01 D
Client ID: TW-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:07
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/05/20 23:52
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	ND		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	1.4	J	ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01 D Date Collected: 10/01/20 14:07

Client ID: TW-1 Date Received: 10/01/20

Sample Location: 89-93 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	1.4		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	260		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	260		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: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01 D
Client ID: TW-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:07
Date Received: 10/01/20
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	121		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	95		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02 Date Collected: 10/01/20 14:45

Client ID: TW-2 Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 10/06/20 23:51

Analyst: MKS

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	0.19	J	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	29		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.17	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02 Date Collected: 10/01/20 14:45

Client ID: TW-2 Date Received: 10/01/20

Sample Location: 89-93 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	0.51		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	160		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	160		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: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02 Date Collected: 10/01/20 14:45

Client ID: TW-2 Date Received: 10/01/20

Sample Location: 89-93 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						
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	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	103		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/05/20 18:50
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1418784-5					
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: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/05/20 18:50
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1418784-5					
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: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/05/20 18:50
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1418784-5					
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	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	94		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/06/20 20:11
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1419425-5					
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: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/06/20 20:11
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1419425-5					
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: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/06/20 20:11
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1419425-5					
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	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1418784-3 WG1418784-4								
Methylene chloride	90		89		70-130	1		20
1,1-Dichloroethane	97		96		70-130	1		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	95		95		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	98		99		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	120		120		70-130	0		20
cis-1,3-Dichloropropene	100		98		70-130	2		20
1,1-Dichloropropene	90		89		70-130	1		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	92		91		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	72		72		64-130	0		20
Bromomethane	47		51		39-139	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1418784-3 WG1418784-4								
Vinyl chloride	87		86		55-140	1		20
Chloroethane	96		95		55-138	1		20
1,1-Dichloroethene	86		85		61-145	1		20
trans-1,2-Dichloroethene	87		89		70-130	2		20
Trichloroethene	98		96		70-130	2		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	94		94		70-130	0		20
Dibromomethane	96		95		70-130	1		20
1,2,3-Trichloropropane	120		130		64-130	8		20
Acrylonitrile	100		100		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	98		96		36-147	2		20
Acetone	100		100		58-148	0		20
Carbon disulfide	89		88		51-130	1		20
2-Butanone	99		99		63-138	0		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	120		120		59-130	0		20
2-Hexanone	120		120		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1418784-3 WG1418784-4								
Bromochloromethane	95		94		70-130	1		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	110		110		70-130	0		20
n-Butylbenzene	120		120		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		120		70-130	0		20
p-Chlorotoluene	120		120		70-130	0		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	100		120		70-130	18		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	84		86		56-162	2		20
p-Diethylbenzene	120		120		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1418784-3 WG1418784-4								
p-Ethyltoluene	120		120		70-130	0		20
1,2,4,5-Tetramethylbenzene	120		120		70-130	0		20
Ethyl ether	91		93		59-134	2		20
trans-1,4-Dichloro-2-butene	120		120		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		116		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	110		111		70-130
Dibromofluoromethane	95		93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1419425-3 WG1419425-4								
Methylene chloride	97		99		70-130	2		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	110		120		63-130	9		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	96		100		70-130	4		20
Chlorobenzene	97		100		75-130	3		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	120		130		54-136	8		20
1,1,2,2-Tetrachloroethane	95		100		67-130	5		20
Benzene	97		99		70-130	2		20
Toluene	98		100		70-130	2		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	77		76		64-130	1		20
Bromomethane	82		80		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1419425-3 WG1419425-4								
Vinyl chloride	94		95		55-140	1		20
Chloroethane	120		130		55-138	8		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	96		100		64-130	4		20
Acrylonitrile	100		100		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	110		120		58-148	9		20
Carbon disulfide	99		100		51-130	1		20
2-Butanone	85		94		63-138	10		20
Vinyl acetate	91		94		70-130	3		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	92		100		57-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1419425-3 WG1419425-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,3-Dichloropropane	98		100		70-130	2		20
1,1,1,2-Tetrachloroethane	110		120		64-130	9		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	110		120		53-136	9		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	92		97		70-130	5		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Hexachlorobutadiene	100		110		63-130	10		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	97		110		70-130	13		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	106		116		56-162	9		20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1419425-3 WG1419425-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		110		70-130	10		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		113		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	108		107		70-130

SEMIVOLATILES

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01
Client ID: TW-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:07
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/08/20 04:43
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01 Date Collected: 10/01/20 14:07

Client ID: TW-1 Date Received: 10/01/20

Sample Location: 89-93 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						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	67		41-149

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01
Client ID: TW-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:07
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/04/20 17:22
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.12		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Chrysene	0.07	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.10	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.01	1
Pyrene	0.11		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01 Date Collected: 10/01/20 14:07

Client ID: TW-1 Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	81		41-149

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02
Client ID: TW-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/08/20 01:16
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.5	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.40	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02 Date Collected: 10/01/20 14:45

Client ID: TW-2 Date Received: 10/01/20

Sample Location: 89-93 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						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	8.7	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	73		41-149

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02
Client ID: TW-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/04/20 17:42
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.13		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.08	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02 Date Collected: 10/01/20 14:45

Client ID: TW-2 Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	83		41-149

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/20 05:52
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1417677-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/20 05:52
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1417677-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/20 05:52
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1417677-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	80		41-149

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/04/20 12:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1417678-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.05	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/04/20 12:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/03/20 08:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1417678-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1417677-2 WG1417677-3								
Acenaphthene	70		50		37-111	**33**	Q	30
1,2,4-Trichlorobenzene	63		43		39-98	**38**	Q	30
Hexachlorobenzene	92		70		40-140	27		30
Bis(2-chloroethyl)ether	55		**37**	Q	40-140	**39**	Q	30
2-Chloronaphthalene	68		50		40-140	**31**	Q	30
1,2-Dichlorobenzene	56		**28**	Q	40-140	**67**	Q	30
1,3-Dichlorobenzene	52		**37**	Q	40-140	**34**	Q	30
1,4-Dichlorobenzene	54		37		36-97	**37**	Q	30
3,3'-Dichlorobenzidine	68		54		40-140	23		30
2,4-Dinitrotoluene	82		63		48-143	26		30
2,6-Dinitrotoluene	82		60		40-140	**31**	Q	30
Fluoranthene	80		63		40-140	24		30
4-Chlorophenyl phenyl ether	83		59		40-140	**34**	Q	30
4-Bromophenyl phenyl ether	95		71		40-140	29		30
Bis(2-chloroisopropyl)ether	54		41		40-140	27		30
Bis(2-chloroethoxy)methane	64		44		40-140	**37**	Q	30
Hexachlorobutadiene	77		56		40-140	**32**	Q	30
Hexachlorocyclopentadiene	85		57		40-140	**39**	Q	30
Hexachloroethane	61		42		40-140	**37**	Q	30
Isophorone	61		42		40-140	**37**	Q	30
Naphthalene	61		43		40-140	**35**	Q	30
Nitrobenzene	67		44		40-140	**41**	Q	30
NDPA/DPA	75		55		40-140	**31**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1417677-2 WG1417677-3								
n-Nitrosodi-n-propylamine	62		44		29-132	**34**	Q	30
Bis(2-ethylhexyl)phthalate	68		62		40-140	9		30
Butyl benzyl phthalate	87		74		40-140	16		30
Di-n-butylphthalate	69		57		40-140	19		30
Di-n-octylphthalate	67		60		40-140	11		30
Diethyl phthalate	76		59		40-140	25		30
Dimethyl phthalate	74		58		40-140	24		30
Benzo(a)anthracene	80		66		40-140	19		30
Benzo(a)pyrene	92		79		40-140	15		30
Benzo(b)fluoranthene	87		73		40-140	18		30
Benzo(k)fluoranthene	81		69		40-140	16		30
Chrysene	78		62		40-140	23		30
Acenaphthylene	70		50		45-123	**33**	Q	30
Anthracene	73		56		40-140	26		30
Benzo(ghi)perylene	80		67		40-140	18		30
Fluorene	72		52		40-140	**32**	Q	30
Phenanthrene	73		56		40-140	26		30
Dibenzo(a,h)anthracene	76		62		40-140	20		30
Indeno(1,2,3-cd)pyrene	73		62		40-140	16		30
Pyrene	81		66		26-127	20		30
Biphenyl	66		46		40-140	**36**	Q	30
4-Chloroaniline	65		49		40-140	28		30
2-Nitroaniline	84		59		52-143	**35**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1417677-2 WG1417677-3								
3-Nitroaniline	72		59		25-145	20		30
4-Nitroaniline	64		55		51-143	15		30
Dibenzofuran	72		52		40-140	**32**	Q	30
2-Methylnaphthalene	65		45		40-140	**36**	Q	30
1,2,4,5-Tetrachlorobenzene	84		60		2-134	**33**	Q	30
Acetophenone	60		42		39-129	**35**	Q	30
2,4,6-Trichlorophenol	88		64		30-130	**32**	Q	30
p-Chloro-m-cresol	77		59		23-97	26		30
2-Chlorophenol	67		46		27-123	**37**	Q	30
2,4-Dichlorophenol	72		51		30-130	**34**	Q	30
2,4-Dimethylphenol	56		40		30-130	**33**	Q	30
2-Nitrophenol	78		52		30-130	**40**	Q	30
4-Nitrophenol	80		62		10-80	25		30
2,4-Dinitrophenol	74		79		20-130	7		30
4,6-Dinitro-o-cresol	98		84		20-164	15		30
Pentachlorophenol	82		76		9-103	8		30
Phenol	46		37		12-110	22		30
2-Methylphenol	62		46		30-130	30		30
3-Methylphenol/4-Methylphenol	69		50		30-130	**32**	Q	30
2,4,5-Trichlorophenol	93		71		30-130	27		30
Benzoic Acid	58		77		10-164	28		30
Benzyl Alcohol	64		51		26-116	23		30
Carbazole	74		57		55-144	26		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1417677-2 WG1417677-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		40		21-120
Phenol-d6	50		40		10-120
Nitrobenzene-d5	71		52		23-120
2-Fluorobiphenyl	74		55		15-120
2,4,6-Tribromophenol	112		79		10-120
4-Terphenyl-d14	87		70		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1417678-2 WG1417678-3								
Acenaphthene	72		73		40-140	1		40
2-Chloronaphthalene	78		80		40-140	3		40
Fluoranthene	85		84		40-140	1		40
Hexachlorobutadiene	59		63		40-140	7		40
Naphthalene	64		70		40-140	9		40
Benzo(a)anthracene	82		80		40-140	2		40
Benzo(a)pyrene	97		96		40-140	1		40
Benzo(b)fluoranthene	77		74		40-140	4		40
Benzo(k)fluoranthene	88		89		40-140	1		40
Chrysene	87		88		40-140	1		40
Acenaphthylene	76		78		40-140	3		40
Anthracene	89		89		40-140	0		40
Benzo(ghi)perylene	89		89		40-140	0		40
Fluorene	75		75		40-140	0		40
Phenanthrene	77		77		40-140	0		40
Dibenzo(a,h)anthracene	95		95		40-140	0		40
Indeno(1,2,3-cd)pyrene	91		92		40-140	1		40
Pyrene	86		84		40-140	2		40
2-Methylnaphthalene	67		71		40-140	6		40
Pentachlorophenol	69		72		40-140	4		40
Hexachlorobenzene	80		81		40-140	1		40
Hexachloroethane	60		64		40-140	6		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1417678-2 WG1417678-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		54		21-120
Phenol-d6	48		46		10-120
Nitrobenzene-d5	70		72		23-120
2-Fluorobiphenyl	70		70		15-120
2,4,6-Tribromophenol	77		76		10-120
4-Terphenyl-d14	78		76		41-149

PCBS

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01
Client ID: TW-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:07
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/03/20 18:33
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 10/02/20 19:20
Cleanup Method: EPA 3665A
Cleanup Date: 10/03/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/03/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02
Client ID: TW-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 14:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/03/20 19:14
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 10/02/20 19:20
Cleanup Method: EPA 3665A
Cleanup Date: 10/03/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/03/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/03/20 16:00
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/02/20 19:20
Cleanup Method: EPA 3665A
Cleanup Date: 10/03/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/03/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1417541-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	B
PCBs, Total	ND		ug/l	0.083	0.032	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	55		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1417541-2 WG1417541-3									
Aroclor 1016	64		103		40-140	47		50	A
Aroclor 1260	66		94		40-140	36		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		90		30-150	A
Decachlorobiphenyl	57		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		86		30-150	B
Decachlorobiphenyl	65		94		30-150	B

METALS

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-01
Client ID: TW-1
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 14:07
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.95		mg/l	0.0100	0.00327	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Antimony, Total	0.00066	J	mg/l	0.00400	0.00042	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00155		mg/l	0.00050	0.00016	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Barium, Total	0.09465		mg/l	0.00050	0.00017	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00015	J	mg/l	0.00050	0.00010	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Calcium, Total	253.		mg/l	0.100	0.0394	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Chromium, Total	0.00928		mg/l	0.00100	0.00017	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00442		mg/l	0.00100	0.00016	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Copper, Total	0.01556		mg/l	0.00100	0.00038	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Iron, Total	3.81		mg/l	0.0500	0.0191	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Lead, Total	0.00497		mg/l	0.00100	0.00034	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Magnesium, Total	26.9		mg/l	0.0700	0.0242	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Manganese, Total	0.1273		mg/l	0.00100	0.00044	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/05/20 13:03	10/06/20 10:55	EPA 7470A	1,7470A	EW
Nickel, Total	0.02327		mg/l	0.00200	0.00055	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Potassium, Total	24.6		mg/l	0.100	0.0309	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Selenium, Total	0.00775		mg/l	0.00500	0.00173	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Sodium, Total	88.8		mg/l	0.100	0.0293	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Vanadium, Total	0.01457		mg/l	0.00500	0.00157	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD
Zinc, Total	0.01276		mg/l	0.01000	0.00341	1	10/05/20 12:56	10/05/20 19:27	EPA 3005A	1,6020B	CD

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

SAMPLE RESULTS

Lab ID: L2041806-02
Client ID: TW-2
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 14:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.619		mg/l	0.0100	0.00327	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00066		mg/l	0.00050	0.00016	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Barium, Total	0.07541		mg/l	0.00050	0.00017	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Calcium, Total	155.		mg/l	0.100	0.0394	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Chromium, Total	0.00203		mg/l	0.00100	0.00017	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00209		mg/l	0.00100	0.00016	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Copper, Total	0.00804		mg/l	0.00100	0.00038	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Iron, Total	1.97		mg/l	0.0500	0.0191	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Lead, Total	0.00407		mg/l	0.00100	0.00034	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Magnesium, Total	12.2		mg/l	0.0700	0.0242	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Manganese, Total	0.3202		mg/l	0.00100	0.00044	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/05/20 13:03	10/06/20 10:57	EPA 7470A	1,7470A	EW
Nickel, Total	0.01251		mg/l	0.00200	0.00055	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Potassium, Total	16.9		mg/l	0.100	0.0309	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Sodium, Total	61.1		mg/l	0.100	0.0293	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Vanadium, Total	0.00263	J	mg/l	0.00500	0.00157	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD
Zinc, Total	0.01198		mg/l	0.01000	0.00341	1	10/05/20 12:56	10/05/20 19:32	EPA 3005A	1,6020B	CD

Project Name: 89-93 GERRY STREET **Lab Number:** L2041806

Project Number: 135597-002 **Report Date:** 10/08/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1418160-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00100	0.00016	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/05/20 12:56	10/05/20 17:59	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1418166-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/05/20 13:03	10/06/20 10:37	1,7470A	EW

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041806
Report Date: 10/08/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1418160-2								
Aluminum, Total	103		-		80-120	-		
Antimony, Total	99		-		80-120	-		
Arsenic, Total	108		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	112		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	111		-		80-120	-		
Magnesium, Total	106		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	108		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	107		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041806

Report Date: 10/08/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1418160-2					
Zinc, Total	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1418166-2					
Mercury, Total	108	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1418160-3 QC Sample: L2041977-03 Client ID: MS Sample												
Aluminum, Total	0.179	2	2.24	103		-	-		75-125	-		20
Antimony, Total	0.00471	0.5	0.4846	96		-	-		75-125	-		20
Arsenic, Total	0.00099	0.12	0.1069	88		-	-		75-125	-		20
Barium, Total	0.9970	2	3.032	102		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05362	107		-	-		75-125	-		20
Cadmium, Total	0.00031	0.051	0.05641	110		-	-		75-125	-		20
Calcium, Total	77.7	10	96.0	**183**	Q	-	-		75-125	-		20
Chromium, Total	0.00245	0.2	0.2044	101		-	-		75-125	-		20
Cobalt, Total	0.00209	0.5	0.5113	102		-	-		75-125	-		20
Copper, Total	0.00894	0.25	0.2681	104		-	-		75-125	-		20
Iron, Total	42.4	1	38.0	**0**	Q	-	-		75-125	-		20
Lead, Total	0.07717	0.51	0.6290	108		-	-		75-125	-		20
Magnesium, Total	12.1	10	24.0	119		-	-		75-125	-		20
Manganese, Total	0.3892	0.5	0.9111	104		-	-		75-125	-		20
Nickel, Total	0.00401	0.5	0.4964	98		-	-		75-125	-		20
Potassium, Total	14.7	10	25.8	111		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.100	83		-	-		75-125	-		20
Silver, Total	0.00016J	0.05	0.05282	106		-	-		75-125	-		20
Sodium, Total	209.	10	242	**330**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1266	106		-	-		75-125	-		20
Vanadium, Total	0.00236J	0.5	0.4975	100		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1418160-3 QC Sample: L2041977-03 Client ID: MS Sample									
Zinc, Total	0.1121	0.5	0.6791	113	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1418166-3 QC Sample: L2041822-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00524	105	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1418160-4 QC Sample: L2041977-03 Client ID: DUP Sample						
Aluminum, Total	0.179	0.174	mg/l	3		20
Antimony, Total	0.00471	0.00447	mg/l	5		20
Arsenic, Total	0.00099	0.00093	mg/l	6		20
Barium, Total	0.9970	0.9978	mg/l	0		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	0.00031	0.00030	mg/l	5		20
Calcium, Total	77.7	77.0	mg/l	1		20
Chromium, Total	0.00245	0.00217	mg/l	12		20
Cobalt, Total	0.00209	0.00202	mg/l	3		20
Copper, Total	0.00894	0.00919	mg/l	3		20
Iron, Total	42.4	40.8	mg/l	4		20
Lead, Total	0.07717	0.07701	mg/l	0		20
Magnesium, Total	12.1	11.9	mg/l	2		20
Manganese, Total	0.3892	0.3797	mg/l	2		20
Nickel, Total	0.00401	0.00395	mg/l	1		20
Potassium, Total	14.7	14.6	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	0.00016J	ND	mg/l	NC		20
Sodium, Total	209.	208	mg/l	0		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1418160-4 QC Sample: L2041977-03 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	0.00236J	0.00230J	mg/l	NC	20
Zinc, Total	0.1121	0.1116	mg/l	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1418166-4 QC Sample: L2041822-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

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(*)
L2041806-01A	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260(14)
L2041806-01B	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260(14)
L2041806-01C	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260(14)
L2041806-01D	Amber 120ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)
L2041806-01E	Amber 120ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)
L2041806-01F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2041806-01G	Amber 250ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2041806-01H	Amber 250ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2041806-02A	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260(14)
L2041806-02B	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260(14)
L2041806-02C	Vial HCl preserved	A	NA		5.3	Y	Absent		NYTCL-8260(14)
L2041806-02D	Amber 120ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)
L2041806-02E	Amber 120ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8082-LVI(7)
L2041806-02F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2041806-02G	Amber 250ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041806
Report Date: 10/08/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2041806-02H	Amber 250ml unpreserved	A	7	7	5.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041806
Project Number:	135597-002	**Report Date:**	10/08/20

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:	89-93 GERRY STREET	**Lab Number:**	L2041806
Project Number:	135597-002	**Report Date:**	10/08/20

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. 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.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041806
Project Number:	135597-002	**Report Date:**	10/08/20

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: DU Report with 'J' Qualifiers

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041806
Project Number:	135597-002	**Report Date:**	10/08/20

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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 10/2/20

ALPHA Job #: L2041806

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

Project Information
Project Name: 89-93 Gerry Street
Project Location: 89-93 Gerry street, Brooklyn, NY
Project # 135597-002
(Use Project name as Project #) ☐
Project Manager: Mari Cate Conlon
ALPHAQuote #:

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

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

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260C	SVOCs 8270D	TCL PCBs 80824	TAL Metals					Total Bottle
41806 -01	TW-1	10/1/20	1407	GW	SC	X	X	X	X					8
-02	TW-2	10/1/20	1445	GW	SC	X	X	X	X					8

Container Type: V A A P
Preservative: B A A C

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

Sample Specific Comments

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
	10-1-2020 1600		10/1/2020 1600
	10/1/2020 1945		10/1/20 2000
	10/2/20 0030		10/2/20 00:30

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

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

ANALYTICAL REPORT

Lab Number:	L2041810
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Conlon
Phone:	(347) 271-1521
Project Name:	89-93 GERRY STREET
Project Number:	135597-002
Report Date:	10/12/20

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: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2041810-01	B-1 (3-5')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 10:05	10/01/20
L2041810-02	B-1 (10-12')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 10:10	10/01/20
L2041810-03	B-3 (1-3')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 10:47	10/01/20
L2041810-04	B-3 (13-15')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 10:45	10/01/20
L2041810-05	B-4 (1-3')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 12:10	10/01/20
L2041810-06	B-4 (10-12')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 12:09	10/01/20
L2041810-07	B-5 (0-2')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 12:30	10/01/20
L2041810-08	B-5 (10-12')	SOIL	89-93 GERRY STREET, BROOKLYN, NY	10/01/20 12:29	10/01/20

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041810
Project Number:	135597-002	**Report Date:**	10/12/20

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: 89-93 GERRY STREET **Lab Number:** L2041810
Project Number: 135597-002 **Report Date:** 10/12/20

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

L2041810-01 and -07 (B-1 (3-5') and B-5 (0-2')): The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2041810-01 through -08 (all analyzed samples): The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 10/12/20

ORGANICS

VOLATILES

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01 Date Collected: 10/01/20 10:05

Client ID: B-1 (3-5') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/06/20 13:02

Analyst: MKS

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	0.28	J	ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01 Date Collected: 10/01/20 10:05

Client ID: B-1 (3-5') Date Received: 10/01/20

Sample Location: 89-93 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	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	0.47	J	ug/kg	1.2	0.36	1
Xylenes, Total	0.47	J	ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	5.6		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	5.6		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	30		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	3.2	J	ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	0.20	J	ug/kg	1.2	0.20	1
sec-Butylbenzene	0.39	J	ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	0.20	J	ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.31	J	ug/kg	1.2	0.13	1
Naphthalene	1.4	J	ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01 Date Collected: 10/01/20 10:05

Client ID: B-1 (3-5') Date Received: 10/01/20

Sample Location: 89-93 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	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.33	1
1,3,5-Trimethylbenzene	1.2	J	ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	2.7		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	2.3	J	ug/kg	2.5	0.22	1
p-Ethyltoluene	1.1	J	ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	0.97	J	ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	89		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02
Client ID: B-1 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/06/20 13:29
Analyst: MKS
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02 Date Collected: 10/01/20 10:10

Client ID: B-1 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.57	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	31		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	31		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	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	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	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02 Date Collected: 10/01/20 10:10

Client ID: B-1 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	89		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03 Date Collected: 10/01/20 10:47

Client ID: B-3 (1-3') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/06/20 13:56

Analyst: MKS

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	20		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03 Date Collected: 10/01/20 10:47

Client ID: B-3 (1-3') Date Received: 10/01/20

Sample Location: 89-93 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	22		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	3.7		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	3.7		ug/kg	0.92	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03 Date Collected: 10/01/20 10:47

Client ID: B-3 (1-3') Date Received: 10/01/20

Sample Location: 89-93 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	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	91		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04 Date Collected: 10/01/20 10:45

Client ID: B-3 (13-15') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/06/20 14:23

Analyst: MKS

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04 Date Collected: 10/01/20 10:45

Client ID: B-3 (13-15') Date Received: 10/01/20

Sample Location: 89-93 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	0.28	J	ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	86		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	86		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	10	J	ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04 Date Collected: 10/01/20 10:45

Client ID: B-3 (13-15') Date Received: 10/01/20

Sample Location: 89-93 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	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	89		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05 Date Collected: 10/01/20 12:10

Client ID: B-4 (1-3') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/06/20 14:50

Analyst: MKS

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05 Date Collected: 10/01/20 12:10

Client ID: B-4 (1-3') Date Received: 10/01/20

Sample Location: 89-93 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	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	0.18	J	ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.34	J	ug/kg	1.2	0.13	1
Naphthalene	8.1		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05 Date Collected: 10/01/20 12:10

Client ID: B-4 (1-3') Date Received: 10/01/20

Sample Location: 89-93 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	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	0.37	J	ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	0.41	J	ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	3.7		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	1.5	J	ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	92		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06
Client ID: B-4 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:09
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/06/20 15:17
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06 Date Collected: 10/01/20 12:09

Client ID: B-4 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	8.3		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	8.3		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06 Date Collected: 10/01/20 12:09

Client ID: B-4 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	89		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07 Date Collected: 10/01/20 12:30

Client ID: B-5 (0-2') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/06/20 15:44

Analyst: AJK

Percent Solids: 85%

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

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07 Date Collected: 10/01/20 12:30

Client ID: B-5 (0-2') Date Received: 10/01/20

Sample Location: 89-93 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	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	0.21	J	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: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07 Date Collected: 10/01/20 12:30

Client ID: B-5 (0-2') Date Received: 10/01/20

Sample Location: 89-93 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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	89		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08
Client ID: B-5 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:29
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/06/20 16:11
Analyst: AJK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08 Date Collected: 10/01/20 12:29

Client ID: B-5 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08 Date Collected: 10/01/20 12:29

Client ID: B-5 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	89		70-130

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/06/20 07:13
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1418552-5					
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	0.70	J	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: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/06/20 07:13
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1418552-5					
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: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/06/20 07:13
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1418552-5					
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	89		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1418552-3 WG1418552-4								
Methylene chloride	93		89		70-130	4		30
1,1-Dichloroethane	101		97		70-130	4		30
Chloroform	96		92		70-130	4		30
Carbon tetrachloride	95		90		70-130	5		30
1,2-Dichloropropane	99		96		70-130	3		30
Dibromochloromethane	76		75		70-130	1		30
1,1,2-Trichloroethane	92		91		70-130	1		30
Tetrachloroethene	92		89		70-130	3		30
Chlorobenzene	84		83		70-130	1		30
Trichlorofluoromethane	100		95		70-139	5		30
1,2-Dichloroethane	91		90		70-130	1		30
1,1,1-Trichloroethane	94		91		70-130	3		30
Bromodichloromethane	83		83		70-130	0		30
trans-1,3-Dichloropropene	72		72		70-130	0		30
cis-1,3-Dichloropropene	80		79		70-130	1		30
1,1-Dichloropropene	106		102		70-130	4		30
Bromoform	70		**69**	Q	70-130	1		30
1,1,2,2-Tetrachloroethane	103		103		70-130	0		30
Benzene	93		90		70-130	3		30
Toluene	93		91		70-130	2		30
Ethylbenzene	91		89		70-130	2		30
Chloromethane	100		96		52-130	4		30
Bromomethane	122		117		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1418552-3 WG1418552-4								
Vinyl chloride	110		99		67-130	11		30
Chloroethane	128		127		50-151	1		30
1,1-Dichloroethene	113		105		65-135	7		30
trans-1,2-Dichloroethene	109		102		70-130	7		30
Trichloroethene	96		94		70-130	2		30
1,2-Dichlorobenzene	90		90		70-130	0		30
1,3-Dichlorobenzene	94		93		70-130	1		30
1,4-Dichlorobenzene	94		91		70-130	3		30
Methyl tert butyl ether	86		84		66-130	2		30
p/m-Xylene	87		85		70-130	2		30
o-Xylene	84		82		70-130	2		30
cis-1,2-Dichloroethene	102		99		70-130	3		30
Dibromomethane	97		95		70-130	2		30
Styrene	82		81		70-130	1		30
Dichlorodifluoromethane	102		96		30-146	6		30
Acetone	86		82		54-140	5		30
Carbon disulfide	92		86		59-130	7		30
2-Butanone	77		77		70-130	0		30
Vinyl acetate	83		82		70-130	1		30
4-Methyl-2-pentanone	95		96		70-130	1		30
1,2,3-Trichloropropane	96		96		68-130	0		30
2-Hexanone	84		89		70-130	6		30
Bromochloromethane	95		92		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1418552-3 WG1418552-4								
2,2-Dichloropropane	**69**	Q	**66**	Q	70-130	4		30
1,2-Dibromoethane	95		95		70-130	0		30
1,3-Dichloropropane	96		95		69-130	1		30
1,1,1,2-Tetrachloroethane	76		77		70-130	1		30
Bromobenzene	94		90		70-130	4		30
n-Butylbenzene	106		104		70-130	2		30
sec-Butylbenzene	102		100		70-130	2		30
tert-Butylbenzene	98		96		70-130	2		30
o-Chlorotoluene	98		94		70-130	4		30
p-Chlorotoluene	98		96		70-130	2		30
1,2-Dibromo-3-chloropropane	70		71		68-130	1		30
Hexachlorobutadiene	90		89		67-130	1		30
Isopropylbenzene	103		99		70-130	4		30
p-Isopropyltoluene	100		98		70-130	2		30
Naphthalene	90		92		70-130	2		30
Acrylonitrile	90		95		70-130	5		30
n-Propylbenzene	106		103		70-130	3		30
1,2,3-Trichlorobenzene	89		90		70-130	1		30
1,2,4-Trichlorobenzene	98		98		70-130	0		30
1,3,5-Trimethylbenzene	98		97		70-130	1		30
1,2,4-Trimethylbenzene	97		96		70-130	1		30
1,4-Dioxane	108		102		65-136	6		30
p-Diethylbenzene	100		99		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1418552-3 WG1418552-4								
p-Ethyltoluene	103		100		70-130	3		30
1,2,4,5-Tetramethylbenzene	93		92		70-130	1		30
Ethyl ether	102		98		67-130	4		30
trans-1,4-Dichloro-2-butene	85		83		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		90		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	95		98		70-130

SEMIVOLATILES

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01 D
Client ID: B-1 (3-5')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:05
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 17:15
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	370	J	ug/kg	800	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	110	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	900	140	5
2-Chloronaphthalene	ND		ug/kg	1000	99.	5
1,2-Dichlorobenzene	ND		ug/kg	1000	180	5
1,3-Dichlorobenzene	ND		ug/kg	1000	170	5
1,4-Dichlorobenzene	ND		ug/kg	1000	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	260	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	170	5
Fluoranthene	14000		ug/kg	600	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	900	5
Hexachloroethane	ND		ug/kg	800	160	5
Isophorone	ND		ug/kg	900	130	5
Naphthalene	160	J	ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	900	150	5
NDPA/DPA	ND		ug/kg	800	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1000	340	5
Butyl benzyl phthalate	540	J	ug/kg	1000	250	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	340	5

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01 D Date Collected: 10/01/20 10:05

Client ID: B-1 (3-5') Date Received: 10/01/20

Sample Location: 89-93 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	1000	92.	5
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	9400		ug/kg	600	110	5
Benzo(a)pyrene	7500		ug/kg	800	240	5
Benzo(b)fluoranthene	8900		ug/kg	600	170	5
Benzo(k)fluoranthene	3300		ug/kg	600	160	5
Chrysene	8200		ug/kg	600	100	5
Acenaphthylene	850		ug/kg	800	150	5
Anthracene	2200		ug/kg	600	190	5
Benzo(ghi)perylene	4200		ug/kg	800	120	5
Fluorene	400	J	ug/kg	1000	97.	5
Phenanthrene	6300		ug/kg	600	120	5
Dibenzo(a,h)anthracene	1200		ug/kg	600	120	5
Indeno(1,2,3-cd)pyrene	4400		ug/kg	800	140	5
Pyrene	14000		ug/kg	600	99.	5
Biphenyl	ND		ug/kg	2300	230	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	410	5
Dibenzofuran	180	J	ug/kg	1000	94.	5
2-Methylnaphthalene	ND		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	100	5
Acetophenone	ND		ug/kg	1000	120	5
2,4,6-Trichlorophenol	ND		ug/kg	600	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	900	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	330	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	410	5
2,4-Dinitrophenol	ND		ug/kg	4800	460	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	480	5
Pentachlorophenol	ND		ug/kg	800	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	160	5

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01 D
Client ID: B-1 (3-5')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:05
Date Received: 10/01/20
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	1000	190	5
Benzoic Acid	ND		ug/kg	3200	1000	5
Benzyl Alcohol	ND		ug/kg	1000	300	5
Carbazole	440	J	ug/kg	1000	97.	5
1,4-Dioxane	ND		ug/kg	150	46.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	64		18-120

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02
Client ID: B-1 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 14:52
Analyst: EK
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02 Date Collected: 10/01/20 10:10

Client ID: B-1 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02 Date Collected: 10/01/20 10:10

Client ID: B-1 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	64		18-120

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03
Client ID: B-3 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:47
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 15:14
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	730		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	24	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	110	J	ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03 Date Collected: 10/01/20 10:47

Client ID: B-3 (1-3') Date Received: 10/01/20

Sample Location: 89-93 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	420		ug/kg	120	22.	1
Benzo(a)pyrene	390		ug/kg	160	48.	1
Benzo(b)fluoranthene	470		ug/kg	120	33.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	31.	1
Chrysene	420		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	92	J	ug/kg	120	38.	1
Benzo(ghi)perylene	240		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	330		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	53	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	160	27.	1
Pyrene	700		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	45.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03 Date Collected: 10/01/20 10:47

Client ID: B-3 (1-3') Date Received: 10/01/20

Sample Location: 89-93 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	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	63		18-120

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04
Client ID: B-3 (13-15')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 13:46
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04 Date Collected: 10/01/20 10:45

Client ID: B-3 (13-15') Date Received: 10/01/20

Sample Location: 89-93 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	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04 Date Collected: 10/01/20 10:45

Client ID: B-3 (13-15') Date Received: 10/01/20

Sample Location: 89-93 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	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	66		18-120

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05 D
Client ID: B-4 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 16:53
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	630	J	ug/kg	740	95.	5
1,2,4-Trichlorobenzene	ND		ug/kg	920	100	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	920	91.	5
1,2-Dichlorobenzene	ND		ug/kg	920	160	5
1,3-Dichlorobenzene	ND		ug/kg	920	160	5
1,4-Dichlorobenzene	ND		ug/kg	920	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	28000		ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	98.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	990	92.	5
Hexachlorobutadiene	ND		ug/kg	920	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	830	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	930		ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	1500		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	170	5
Di-n-octylphthalate	ND		ug/kg	920	310	5

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05 D Date Collected: 10/01/20 12:10

Client ID: B-4 (1-3') Date Received: 10/01/20

Sample Location: 89-93 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	920	85.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	17000		ug/kg	550	100	5
Benzo(a)pyrene	16000		ug/kg	740	220	5
Benzo(b)fluoranthene	19000		ug/kg	550	150	5
Benzo(k)fluoranthene	7200		ug/kg	550	150	5
Chrysene	16000		ug/kg	550	96.	5
Acenaphthylene	3600		ug/kg	740	140	5
Anthracene	3300		ug/kg	550	180	5
Benzo(ghi)perylene	9400		ug/kg	740	110	5
Fluorene	970		ug/kg	920	89.	5
Phenanthrene	14000		ug/kg	550	110	5
Dibenzo(a,h)anthracene	2500		ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	9500		ug/kg	740	130	5
Pyrene	29000		ug/kg	550	91.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	500	J	ug/kg	920	87.	5
2-Methylnaphthalene	420	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	250	J	ug/kg	1300	140	5

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05 D
Client ID: B-4 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:10
Date Received: 10/01/20
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	920	180	5
Benzoic Acid	ND		ug/kg	3000	930	5
Benzyl Alcohol	ND		ug/kg	920	280	5
Carbazole	1000		ug/kg	920	89.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	71		18-120

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06
Client ID: B-4 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:09
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 14:30
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06 Date Collected: 10/01/20 12:09

Client ID: B-4 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06 Date Collected: 10/01/20 12:09

Client ID: B-4 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	67		18-120

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07 D
Client ID: B-5 (0-2')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:30
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 16:31
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	770	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	970	110	5
Hexachlorobenzene	ND		ug/kg	580	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	870	130	5
2-Chloronaphthalene	ND		ug/kg	970	96.	5
1,2-Dichlorobenzene	ND		ug/kg	970	170	5
1,3-Dichlorobenzene	ND		ug/kg	970	170	5
1,4-Dichlorobenzene	ND		ug/kg	970	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	970	260	5
2,4-Dinitrotoluene	ND		ug/kg	970	190	5
2,6-Dinitrotoluene	ND		ug/kg	970	160	5
Fluoranthene	4300		ug/kg	580	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	970	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	970	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	97.	5
Hexachlorobutadiene	ND		ug/kg	970	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	880	5
Hexachloroethane	ND		ug/kg	770	160	5
Isophorone	ND		ug/kg	870	120	5
Naphthalene	210	J	ug/kg	970	120	5
Nitrobenzene	ND		ug/kg	870	140	5
NDPA/DPA	ND		ug/kg	770	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	970	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	970	330	5
Butyl benzyl phthalate	ND		ug/kg	970	240	5
Di-n-butylphthalate	ND		ug/kg	970	180	5
Di-n-octylphthalate	ND		ug/kg	970	330	5

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07 D Date Collected: 10/01/20 12:30

Client ID: B-5 (0-2') Date Received: 10/01/20

Sample Location: 89-93 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	970	89.	5
Dimethyl phthalate	ND		ug/kg	970	200	5
Benzo(a)anthracene	2500		ug/kg	580	110	5
Benzo(a)pyrene	2700		ug/kg	770	240	5
Benzo(b)fluoranthene	3700		ug/kg	580	160	5
Benzo(k)fluoranthene	880		ug/kg	580	150	5
Chrysene	2500		ug/kg	580	100	5
Acenaphthylene	520	J	ug/kg	770	150	5
Anthracene	610		ug/kg	580	190	5
Benzo(ghi)perylene	1900		ug/kg	770	110	5
Fluorene	120	J	ug/kg	970	94.	5
Phenanthrene	2300		ug/kg	580	120	5
Dibenzo(a,h)anthracene	440	J	ug/kg	580	110	5
Indeno(1,2,3-cd)pyrene	1900		ug/kg	770	130	5
Pyrene	4300		ug/kg	580	96.	5
Biphenyl	ND		ug/kg	2200	220	5
4-Chloroaniline	ND		ug/kg	970	180	5
2-Nitroaniline	ND		ug/kg	970	190	5
3-Nitroaniline	ND		ug/kg	970	180	5
4-Nitroaniline	ND		ug/kg	970	400	5
Dibenzofuran	98	J	ug/kg	970	91.	5
2-Methylnaphthalene	150	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	970	100	5
Acetophenone	ND		ug/kg	970	120	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	970	140	5
2-Chlorophenol	ND		ug/kg	970	110	5
2,4-Dichlorophenol	ND		ug/kg	870	160	5
2,4-Dimethylphenol	ND		ug/kg	970	320	5
2-Nitrophenol	ND		ug/kg	2100	360	5
4-Nitrophenol	ND		ug/kg	1400	390	5
2,4-Dinitrophenol	ND		ug/kg	4600	450	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	460	5
Pentachlorophenol	ND		ug/kg	770	210	5
Phenol	ND		ug/kg	970	140	5
2-Methylphenol	ND		ug/kg	970	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07 D
Client ID: B-5 (0-2')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:30
Date Received: 10/01/20
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	970	180	5
Benzoic Acid	ND		ug/kg	3100	980	5
Benzyl Alcohol	ND		ug/kg	970	300	5
Carbazole	200	J	ug/kg	970	94.	5
1,4-Dioxane	ND		ug/kg	140	44.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	74		18-120

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08
Client ID: B-5 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:29
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/20 14:08
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26	J	ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	23	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08 Date Collected: 10/01/20 12:29

Client ID: B-5 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	27	J	ug/kg	200	20.	1
Phenanthrene	29	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	22	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08 Date Collected: 10/01/20 12:29

Client ID: B-5 (10-12') Date Received: 10/01/20

Sample Location: 89-93 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	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	68		18-120

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/05/20 08:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1417869-1					
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: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/05/20 08:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1417869-1					
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: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/05/20 08:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/04/20 05:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1417869-1					
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	76		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1417869-2 WG1417869-3								
Acenaphthene	55		72		31-137	27		50
1,2,4-Trichlorobenzene	52		69		38-107	28		50
Hexachlorobenzene	60		81		40-140	30		50
Bis(2-chloroethyl)ether	55		73		40-140	28		50
2-Chloronaphthalene	52		71		40-140	31		50
1,2-Dichlorobenzene	55		70		40-140	24		50
1,3-Dichlorobenzene	55		69		40-140	23		50
1,4-Dichlorobenzene	55		70		28-104	24		50
3,3'-Dichlorobenzidine	50		66		40-140	28		50
2,4-Dinitrotoluene	55		75		40-132	31		50
2,6-Dinitrotoluene	56		78		40-140	33		50
Fluoranthene	54		76		40-140	34		50
4-Chlorophenyl phenyl ether	54		73		40-140	30		50
4-Bromophenyl phenyl ether	56		76		40-140	30		50
Bis(2-chloroisopropyl)ether	41		54		40-140	27		50
Bis(2-chloroethoxy)methane	56		73		40-117	26		50
Hexachlorobutadiene	53		70		40-140	28		50
Hexachlorocyclopentadiene	44		61		40-140	32		50
Hexachloroethane	52		66		40-140	24		50
Isophorone	57		76		40-140	29		50
Naphthalene	54		72		40-140	29		50
Nitrobenzene	53		70		40-140	28		50
NDPA/DPA	55		75		36-157	31		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1417869-2 WG1417869-3								
n-Nitrosodi-n-propylamine	57		75		32-121	27		50
Bis(2-ethylhexyl)phthalate	59		82		40-140	33		50
Butyl benzyl phthalate	58		82		40-140	34		50
Di-n-butylphthalate	59		84		40-140	35		50
Di-n-octylphthalate	57		79		40-140	32		50
Diethyl phthalate	56		75		40-140	29		50
Dimethyl phthalate	54		74		40-140	31		50
Benzo(a)anthracene	54		74		40-140	31		50
Benzo(a)pyrene	54		74		40-140	31		50
Benzo(b)fluoranthene	53		83		40-140	44		50
Benzo(k)fluoranthene	58		71		40-140	20		50
Chrysene	53		74		40-140	33		50
Acenaphthylene	59		78		40-140	28		50
Anthracene	58		81		40-140	33		50
Benzo(ghi)perylene	57		80		40-140	34		50
Fluorene	55		73		40-140	28		50
Phenanthrene	56		78		40-140	33		50
Dibenzo(a,h)anthracene	60		83		40-140	32		50
Indeno(1,2,3-cd)pyrene	57		78		40-140	31		50
Pyrene	55		76		35-142	32		50
Biphenyl	58		78		37-127	29		50
4-Chloroaniline	**33**	Q	43		40-140	26		50
2-Nitroaniline	56		79		47-134	34		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1417869-2 WG1417869-3								
3-Nitroaniline	49		62		26-129	23		50
4-Nitroaniline	52		72		41-125	32		50
Dibenzofuran	55		74		40-140	29		50
2-Methylnaphthalene	53		69		40-140	26		50
1,2,4,5-Tetrachlorobenzene	58		80		40-117	32		50
Acetophenone	56		76		14-144	30		50
2,4,6-Trichlorophenol	55		78		30-130	35		50
p-Chloro-m-cresol	57		76		26-103	29		50
2-Chlorophenol	59		79		25-102	29		50
2,4-Dichlorophenol	59		78		30-130	28		50
2,4-Dimethylphenol	61		82		30-130	29		50
2-Nitrophenol	58		78		30-130	29		50
4-Nitrophenol	55		76		11-114	32		50
2,4-Dinitrophenol	49		68		4-130	32		50
4,6-Dinitro-o-cresol	53		74		10-130	33		50
Pentachlorophenol	52		73		17-109	34		50
Phenol	52		72		26-90	32		50
2-Methylphenol	58		80		30-130.	32		50
3-Methylphenol/4-Methylphenol	58		77		30-130	28		50
2,4,5-Trichlorophenol	57		77		30-130	30		50
Benzoic Acid	54		67		10-110	21		50
Benzyl Alcohol	57		77		40-140	30		50
Carbazole	58		80		54-128	32		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1417869-2 WG1417869-3								
1,4-Dioxane	43		50		40-140	15		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		89		25-120
Phenol-d6	64		85		10-120
Nitrobenzene-d5	61		78		23-120
2-Fluorobiphenyl	59		79		30-120
2,4,6-Tribromophenol	70		97		10-136
4-Terphenyl-d14	67		95		18-120

PCBS

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01
Client ID: B-1 (3-5')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:05
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:07
Analyst: JM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.6	3.61	1	A
Aroclor 1221	ND		ug/kg	40.6	4.07	1	A
Aroclor 1232	ND		ug/kg	40.6	8.61	1	A
Aroclor 1242	17.7	J	ug/kg	40.6	5.48	1	A
Aroclor 1248	ND		ug/kg	40.6	6.09	1	A
Aroclor 1254	9.77	J	ug/kg	40.6	4.44	1	B
Aroclor 1260	ND		ug/kg	40.6	7.51	1	A
Aroclor 1262	ND		ug/kg	40.6	5.16	1	A
Aroclor 1268	ND		ug/kg	40.6	4.21	1	A
PCBs, Total	27.5	J	ug/kg	40.6	3.61	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02
Client ID: B-1 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:14
Analyst: JM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.7	3.70	1	A
Aroclor 1221	ND		ug/kg	41.7	4.18	1	A
Aroclor 1232	ND		ug/kg	41.7	8.84	1	A
Aroclor 1242	ND		ug/kg	41.7	5.62	1	A
Aroclor 1248	ND		ug/kg	41.7	6.25	1	A
Aroclor 1254	ND		ug/kg	41.7	4.56	1	A
Aroclor 1260	ND		ug/kg	41.7	7.70	1	A
Aroclor 1262	ND		ug/kg	41.7	5.29	1	A
Aroclor 1268	ND		ug/kg	41.7	4.32	1	A
PCBs, Total	ND		ug/kg	41.7	3.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03
Client ID: B-3 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:47
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:21
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.39	1	A
Aroclor 1221	ND		ug/kg	38.2	3.83	1	A
Aroclor 1232	ND		ug/kg	38.2	8.10	1	A
Aroclor 1242	ND		ug/kg	38.2	5.15	1	A
Aroclor 1248	ND		ug/kg	38.2	5.73	1	A
Aroclor 1254	ND		ug/kg	38.2	4.18	1	A
Aroclor 1260	ND		ug/kg	38.2	7.06	1	A
Aroclor 1262	ND		ug/kg	38.2	4.85	1	A
Aroclor 1268	ND		ug/kg	38.2	3.96	1	A
PCBs, Total	ND		ug/kg	38.2	3.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04
Client ID: B-3 (13-15')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:27
Analyst: JM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.1	3.39	1	A
Aroclor 1221	ND		ug/kg	38.1	3.82	1	A
Aroclor 1232	ND		ug/kg	38.1	8.09	1	A
Aroclor 1242	ND		ug/kg	38.1	5.14	1	A
Aroclor 1248	ND		ug/kg	38.1	5.72	1	A
Aroclor 1254	ND		ug/kg	38.1	4.17	1	A
Aroclor 1260	ND		ug/kg	38.1	7.05	1	A
Aroclor 1262	ND		ug/kg	38.1	4.84	1	A
Aroclor 1268	ND		ug/kg	38.1	3.95	1	A
PCBs, Total	ND		ug/kg	38.1	3.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05
Client ID: B-4 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:34
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.66	1	A
Aroclor 1232	ND		ug/kg	36.6	7.75	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.48	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.64	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06
Client ID: B-4 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:09
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:41
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	3.35	1	A
Aroclor 1221	ND		ug/kg	37.7	3.78	1	A
Aroclor 1232	ND		ug/kg	37.7	7.99	1	A
Aroclor 1242	ND		ug/kg	37.7	5.08	1	A
Aroclor 1248	ND		ug/kg	37.7	5.65	1	A
Aroclor 1254	ND		ug/kg	37.7	4.12	1	A
Aroclor 1260	ND		ug/kg	37.7	6.97	1	A
Aroclor 1262	ND		ug/kg	37.7	4.79	1	A
Aroclor 1268	ND		ug/kg	37.7	3.90	1	A
PCBs, Total	ND		ug/kg	37.7	3.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07
Client ID: B-5 (0-2')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:30
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:48
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.36	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.03	1	A
Aroclor 1242	ND		ug/kg	37.9	5.11	1	A
Aroclor 1248	ND		ug/kg	37.9	5.68	1	A
Aroclor 1254	159		ug/kg	37.9	4.14	1	B
Aroclor 1260	97.6		ug/kg	37.9	7.00	1	A
Aroclor 1262	ND		ug/kg	37.9	4.81	1	A
Aroclor 1268	31.5	J	ug/kg	37.9	3.92	1	A
PCBs, Total	288	J	ug/kg	37.9	3.36	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08
Client ID: B-5 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:29
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/05/20 10:55
Analyst: JM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 10/04/20 04:51
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.5	3.60	1	A
Aroclor 1221	ND		ug/kg	40.5	4.06	1	A
Aroclor 1232	ND		ug/kg	40.5	8.59	1	A
Aroclor 1242	ND		ug/kg	40.5	5.46	1	A
Aroclor 1248	ND		ug/kg	40.5	6.08	1	A
Aroclor 1254	ND		ug/kg	40.5	4.43	1	A
Aroclor 1260	ND		ug/kg	40.5	7.49	1	A
Aroclor 1262	ND		ug/kg	40.5	5.15	1	A
Aroclor 1268	ND		ug/kg	40.5	4.20	1	A
PCBs, Total	ND		ug/kg	40.5	3.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/04/20 10:19
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 10/03/20 11:18
Cleanup Method: EPA 3665A
Cleanup Date: 10/03/20
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08 Batch: WG1417721-1						
Aroclor 1016	ND		ug/kg	32.7	2.90	A
Aroclor 1221	ND		ug/kg	32.7	3.28	A
Aroclor 1232	ND		ug/kg	32.7	6.93	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.90	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.04	A
Aroclor 1262	ND		ug/kg	32.7	4.15	A
Aroclor 1268	ND		ug/kg	32.7	3.39	A
PCBs, Total	ND		ug/kg	32.7	2.90	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1417721-2 WG1417721-3									
Aroclor 1016	66		68		40-140	3		50	A
Aroclor 1260	53		57		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		65		30-150	A
Decachlorobiphenyl	54		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	63		66		30-150	B

PESTICIDES

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01
Client ID: B-1 (3-5')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:05
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/07/20 22:37
Analyst: SM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.782	0.350	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.939	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.321	1	A
Endrin aldehyde	30.4		ug/kg	2.35	0.821	1	B
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	3.04		ug/kg	1.17	0.587	1	B
4,4'-DDE	10.5		ug/kg	1.88	0.434	1	A
4,4'-DDD	7.38		ug/kg	1.88	0.670	1	A
4,4'-DDT	15.4		ug/kg	3.52	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	2.70	IP	ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.86	1	A
cis-Chlordane	ND		ug/kg	2.35	0.654	1	A
trans-Chlordane	ND		ug/kg	2.35	0.619	1	A
Chlordane	ND		ug/kg	15.6	6.22	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01 Date Collected: 10/01/20 10:05

Client ID: B-1 (3-5') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02
Client ID: B-1 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/07/20 22:48
Analyst: SM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.822	0.368	1	A
Alpha-BHC	ND		ug/kg	0.822	0.234	1	A
Beta-BHC	ND		ug/kg	1.97	0.748	1	A
Heptachlor	ND		ug/kg	0.987	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.695	1	A
Heptachlor epoxide	ND		ug/kg	3.70	1.11	1	A
Endrin	ND		ug/kg	0.822	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.864	1	A
Endrin ketone	ND		ug/kg	1.97	0.508	1	A
Dieldrin	ND		ug/kg	1.23	0.617	1	A
4,4'-DDE	ND		ug/kg	1.97	0.456	1	A
4,4'-DDD	ND		ug/kg	1.97	0.704	1	A
4,4'-DDT	ND		ug/kg	3.70	1.59	1	A
Endosulfan I	ND		ug/kg	1.97	0.466	1	A
Endosulfan II	ND		ug/kg	1.97	0.660	1	A
Endosulfan sulfate	ND		ug/kg	0.822	0.391	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	ND		ug/kg	2.47	0.688	1	A
trans-Chlordane	ND		ug/kg	2.47	0.651	1	A
Chlordane	ND		ug/kg	16.4	6.54	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02 Date Collected: 10/01/20 10:10

Client ID: B-1 (10-12') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03
Client ID: B-3 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:47
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/07/20 23:00
Analyst: SM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	B
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	1.41		ug/kg	1.14	0.568	1	B
4,4'-DDE	0.478	JIP	ug/kg	1.82	0.420	1	B
4,4'-DDD	0.764	JIP	ug/kg	1.82	0.648	1	B
4,4'-DDT	7.53		ug/kg	3.41	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	0.929	J	ug/kg	2.27	0.633	1	A
trans-Chlordane	2.12	JIP	ug/kg	2.27	0.599	1	A
Chlordane	ND		ug/kg	15.1	6.02	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03 Date Collected: 10/01/20 10:47

Client ID: B-3 (1-3') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04
Client ID: B-3 (13-15')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 10:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/07/20 23:11
Analyst: SM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.931	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.656	1	A
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.815	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	ND		ug/kg	1.16	0.582	1	A
4,4'-DDE	ND		ug/kg	1.86	0.430	1	A
4,4'-DDD	ND		ug/kg	1.86	0.664	1	A
4,4'-DDT	ND		ug/kg	3.49	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.09	1	A
Toxaphene	ND		ug/kg	34.9	9.78	1	A
cis-Chlordane	ND		ug/kg	2.33	0.648	1	A
trans-Chlordane	ND		ug/kg	2.33	0.614	1	A
Chlordane	ND		ug/kg	15.5	6.17	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04 Date Collected: 10/01/20 10:45

Client ID: B-3 (13-15') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05
Client ID: B-4 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/07/20 23:23
Analyst: SM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.736	0.329	1	A
Alpha-BHC	ND		ug/kg	0.736	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.670	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.622	1	A
Heptachlor epoxide	1.76	JIP	ug/kg	3.31	0.994	1	B
Endrin	ND		ug/kg	0.736	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.773	1	A
Endrin ketone	ND		ug/kg	1.77	0.455	1	A
Dieldrin	ND		ug/kg	1.10	0.552	1	A
4,4'-DDE	2.64	IP	ug/kg	1.77	0.409	1	B
4,4'-DDD	ND		ug/kg	1.77	0.630	1	A
4,4'-DDT	ND		ug/kg	3.31	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	8.87	IP	ug/kg	1.77	0.590	1	A
Endosulfan sulfate	ND		ug/kg	0.736	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.28	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	1.92	JIP	ug/kg	2.21	0.583	1	A
Chlordane	ND		ug/kg	14.7	5.85	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05 Date Collected: 10/01/20 12:10

Client ID: B-4 (1-3') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	141		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	**558**	Q	30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06
Client ID: B-4 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:09
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/20 10:38
Analyst: SM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.643	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	A
Endrin ketone	ND		ug/kg	1.83	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	ND		ug/kg	1.83	0.422	1	A
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	ND		ug/kg	3.42	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.59	1	A
cis-Chlordane	ND		ug/kg	2.28	0.636	1	A
trans-Chlordane	ND		ug/kg	2.28	0.603	1	A
Chlordane	ND		ug/kg	15.2	6.05	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06 Date Collected: 10/01/20 12:09

Client ID: B-4 (10-12') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07
Client ID: B-5 (0-2')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:30
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/07/20 23:45
Analyst: SM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.342	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.917	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.646	1	A
Heptachlor epoxide	1.98	JIP	ug/kg	3.44	1.03	1	B
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	6.08	IP	ug/kg	1.15	0.573	1	B
4,4'-DDE	69.9		ug/kg	1.83	0.424	1	A
4,4'-DDD	22.6		ug/kg	1.83	0.654	1	A
4,4'-DDT	125		ug/kg	3.44	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	1.36	JIP	ug/kg	1.83	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.63	1	A
cis-Chlordane	32.6		ug/kg	2.29	0.639	1	A
trans-Chlordane	25.0	IP	ug/kg	2.29	0.605	1	A
Chlordane	180		ug/kg	15.3	6.08	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07 Date Collected: 10/01/20 12:30

Client ID: B-5 (0-2') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	146		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08
Client ID: B-5 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:29
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/07/20 23:57
Analyst: SM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 10/07/20 05:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.725	1	A
Heptachlor	ND		ug/kg	0.956	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.08	1	A
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	ND		ug/kg	1.19	0.597	1	A
4,4'-DDE	ND		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.682	1	A
4,4'-DDT	ND		ug/kg	3.58	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.666	1	A
trans-Chlordane	ND		ug/kg	2.39	0.631	1	A
Chlordane	ND		ug/kg	15.9	6.33	1	A

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08 Date Collected: 10/01/20 12:29

Client ID: B-5 (10-12') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/07/20 05:29
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/06/20 20:08
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1418872-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.188	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.793	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.991	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	2.97	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.530	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.925	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	13.2	5.25	A

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/07/20 05:29
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/06/20 20:08
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1418872-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	52		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1418872-2 WG1418872-3									
Delta-BHC	71		65		30-150	9		30	A
Lindane	68		64		30-150	6		30	A
Alpha-BHC	73		69		30-150	6		30	A
Beta-BHC	66		62		30-150	6		30	A
Heptachlor	68		63		30-150	8		30	A
Aldrin	58		56		30-150	4		30	A
Heptachlor epoxide	64		62		30-150	3		30	A
Endrin	71		66		30-150	7		30	A
Endrin aldehyde	39		41		30-150	5		30	A
Endrin ketone	57		53		30-150	7		30	A
Dieldrin	69		65		30-150	6		30	A
4,4'-DDE	63		62		30-150	2		30	A
4,4'-DDD	75		70		30-150	7		30	A
4,4'-DDT	65		64		30-150	2		30	A
Endosulfan I	57		56		30-150	2		30	A
Endosulfan II	66		61		30-150	8		30	A
Endosulfan sulfate	48		46		30-150	4		30	A
Methoxychlor	63		62		30-150	2		30	A
cis-Chlordane	62		57		30-150	8		30	A
trans-Chlordane	64		62		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1418872-2 WG1418872-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		70		30-150	A
Decachlorobiphenyl	50		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		64		30-150	B
Decachlorobiphenyl	67		71		30-150	B

METALS

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01
Client ID: B-1 (3-5')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 10:05
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	9.52	2.57	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Antimony, Total	1.11	J	mg/kg	4.76	0.362	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Arsenic, Total	6.74		mg/kg	0.952	0.198	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Barium, Total	102		mg/kg	0.952	0.166	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Beryllium, Total	0.219	J	mg/kg	0.476	0.031	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Cadmium, Total	1.11		mg/kg	0.952	0.093	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Calcium, Total	35400		mg/kg	9.52	3.33	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Chromium, Total	30.9		mg/kg	0.952	0.091	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Cobalt, Total	5.05		mg/kg	1.90	0.158	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Copper, Total	162		mg/kg	0.952	0.246	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Iron, Total	15700		mg/kg	4.76	0.859	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Lead, Total	93.0		mg/kg	4.76	0.255	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Magnesium, Total	3970		mg/kg	9.52	1.46	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Manganese, Total	216		mg/kg	0.952	0.151	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Mercury, Total	0.219		mg/kg	0.077	0.050	1	10/06/20 11:15	10/06/20 17:42	EPA 7471B	1,7471B	AL
Nickel, Total	21.5		mg/kg	2.38	0.230	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Potassium, Total	999		mg/kg	238	13.7	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.90	0.246	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.952	0.269	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Sodium, Total	528		mg/kg	190	3.00	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.90	0.300	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Vanadium, Total	57.5		mg/kg	0.952	0.193	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV
Zinc, Total	257		mg/kg	4.76	0.279	2	10/06/20 10:30	10/11/20 17:58	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02
Client ID: B-1 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 10:10
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8150		mg/kg	9.89	2.67	2	10/06/20 10:30	10/11/20 19:31	EPA 3050B	1,6010D	BV
Antimony, Total	1.43	J	mg/kg	4.95	0.376	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Arsenic, Total	2.39		mg/kg	0.989	0.206	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Barium, Total	23.1		mg/kg	0.989	0.172	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Beryllium, Total	0.247	J	mg/kg	0.495	0.033	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Cadmium, Total	0.396	J	mg/kg	0.989	0.097	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Calcium, Total	958		mg/kg	9.89	3.46	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Chromium, Total	17.5		mg/kg	0.989	0.095	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Cobalt, Total	5.32		mg/kg	1.98	0.164	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Copper, Total	12.4		mg/kg	0.989	0.255	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Iron, Total	12900		mg/kg	4.95	0.893	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Lead, Total	4.08	J	mg/kg	4.95	0.265	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Magnesium, Total	1600		mg/kg	9.89	1.52	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Manganese, Total	86.8		mg/kg	0.989	0.157	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.079	0.052	1	10/06/20 11:15	10/06/20 17:45	EPA 7471B	1,7471B	AL
Nickel, Total	9.72		mg/kg	2.47	0.239	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Potassium, Total	601		mg/kg	247	14.2	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.98	0.255	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.989	0.280	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Sodium, Total	89.7	J	mg/kg	198	3.12	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.98	0.312	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Vanadium, Total	33.3		mg/kg	0.989	0.201	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV
Zinc, Total	24.6		mg/kg	4.95	0.290	2	10/06/20 10:30	10/11/20 18:24	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03
Client ID: B-3 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 10:47
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8030		mg/kg	9.14	2.47	2	10/06/20 10:30	10/11/20 19:36	EPA 3050B	1,6010D	BV
Antimony, Total	0.804	J	mg/kg	4.57	0.347	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Arsenic, Total	4.62		mg/kg	0.914	0.190	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Barium, Total	77.1		mg/kg	0.914	0.159	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Beryllium, Total	0.292	J	mg/kg	0.457	0.030	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Cadmium, Total	0.676	J	mg/kg	0.914	0.090	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Calcium, Total	21300		mg/kg	9.14	3.20	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Chromium, Total	14.8		mg/kg	0.914	0.088	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Cobalt, Total	5.68		mg/kg	1.83	0.152	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Copper, Total	42.6		mg/kg	0.914	0.236	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Iron, Total	15400		mg/kg	4.57	0.825	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Lead, Total	124		mg/kg	4.57	0.245	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Magnesium, Total	1970		mg/kg	9.14	1.41	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Manganese, Total	223		mg/kg	0.914	0.145	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Mercury, Total	0.413		mg/kg	0.074	0.048	1	10/06/20 11:15	10/06/20 17:48	EPA 7471B	1,7471B	AL
Nickel, Total	11.3		mg/kg	2.28	0.221	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Potassium, Total	991		mg/kg	228	13.2	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.83	0.236	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.914	0.259	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Sodium, Total	143	J	mg/kg	183	2.88	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.83	0.288	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Vanadium, Total	23.0		mg/kg	0.914	0.186	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV
Zinc, Total	159		mg/kg	4.57	0.268	2	10/06/20 10:30	10/11/20 18:29	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04
Client ID: B-3 (13-15')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 10:45
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	3660		mg/kg	9.27	2.50	2	10/06/20 10:30	10/11/20 19:40	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.63	0.352	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Arsenic, Total	0.602	J	mg/kg	0.927	0.193	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Barium, Total	15.6		mg/kg	0.927	0.161	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Beryllium, Total	0.083	J	mg/kg	0.463	0.031	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Cadmium, Total	0.167	J	mg/kg	0.927	0.091	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Calcium, Total	386		mg/kg	9.27	3.24	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Chromium, Total	9.30		mg/kg	0.927	0.089	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Cobalt, Total	2.37		mg/kg	1.85	0.154	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Copper, Total	10.9		mg/kg	0.927	0.239	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Iron, Total	5460		mg/kg	4.63	0.837	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Lead, Total	1.76	J	mg/kg	4.63	0.248	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Magnesium, Total	994		mg/kg	9.27	1.43	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Manganese, Total	54.5		mg/kg	0.927	0.147	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.074	0.049	1	10/06/20 11:15	10/06/20 17:52	EPA 7471B	1,7471B	AL
Nickel, Total	6.06		mg/kg	2.32	0.224	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Potassium, Total	345		mg/kg	232	13.3	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.85	0.239	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.927	0.262	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Sodium, Total	87.0	J	mg/kg	185	2.92	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.85	0.292	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Vanadium, Total	10.8		mg/kg	0.927	0.188	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV
Zinc, Total	13.3		mg/kg	4.63	0.272	2	10/06/20 10:30	10/11/20 18:33	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05
Client ID: B-4 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 12:10
Date Received: 10/01/20
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	6580		mg/kg	8.78	2.37	2	10/06/20 10:30	10/11/20 19:44	EPA 3050B	1,6010D	BV
Antimony, Total	0.896	J	mg/kg	4.39	0.334	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Arsenic, Total	9.32		mg/kg	0.878	0.183	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Barium, Total	101		mg/kg	0.878	0.153	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Beryllium, Total	0.263	J	mg/kg	0.439	0.029	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Cadmium, Total	0.764	J	mg/kg	0.878	0.086	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Calcium, Total	13600		mg/kg	8.78	3.07	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Chromium, Total	14.6		mg/kg	0.878	0.084	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Cobalt, Total	5.26		mg/kg	1.76	0.146	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Copper, Total	37.8		mg/kg	0.878	0.226	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Iron, Total	18100		mg/kg	4.39	0.793	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Lead, Total	204		mg/kg	4.39	0.235	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Magnesium, Total	3640		mg/kg	8.78	1.35	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Manganese, Total	484		mg/kg	0.878	0.140	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Mercury, Total	1.44		mg/kg	0.070	0.046	1	10/06/20 11:15	10/06/20 17:55	EPA 7471B	1,7471B	AL
Nickel, Total	10.9		mg/kg	2.19	0.212	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Potassium, Total	984		mg/kg	219	12.6	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Selenium, Total	0.246	J	mg/kg	1.76	0.226	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.878	0.248	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Sodium, Total	281		mg/kg	176	2.76	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.76	0.276	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Vanadium, Total	20.9		mg/kg	0.878	0.178	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV
Zinc, Total	126		mg/kg	4.39	0.257	2	10/06/20 10:30	10/11/20 18:38	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06 Date Collected: 10/01/20 12:09

Client ID: B-4 (10-12') Date Received: 10/01/20

Sample Location: 89-93 GERRY STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4240		mg/kg	9.36	2.53	2	10/06/20 10:30	10/11/20 20:29	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.68	0.356	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Arsenic, Total	1.57		mg/kg	0.936	0.195	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Barium, Total	12.2		mg/kg	0.936	0.163	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Beryllium, Total	0.140	J	mg/kg	0.468	0.031	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Cadmium, Total	0.271	J	mg/kg	0.936	0.092	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Calcium, Total	537		mg/kg	9.36	3.28	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Chromium, Total	9.96		mg/kg	0.936	0.090	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Cobalt, Total	3.22		mg/kg	1.87	0.155	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Copper, Total	8.79		mg/kg	0.936	0.241	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Iron, Total	8800		mg/kg	4.68	0.845	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Lead, Total	2.40	J	mg/kg	4.68	0.251	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Magnesium, Total	999		mg/kg	9.36	1.44	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Manganese, Total	51.2		mg/kg	0.936	0.149	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.074	0.048	1	10/06/20 11:15	10/06/20 18:05	EPA 7471B	1,7471B	AL
Nickel, Total	6.53		mg/kg	2.34	0.226	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Potassium, Total	310		mg/kg	234	13.5	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.87	0.241	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.936	0.265	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Sodium, Total	98.8	J	mg/kg	187	2.95	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.87	0.295	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Vanadium, Total	13.3		mg/kg	0.936	0.190	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV
Zinc, Total	15.9		mg/kg	4.68	0.274	2	10/06/20 10:30	10/11/20 18:42	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07
Client ID: B-5 (0-2')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 12:30
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7280		mg/kg	9.07	2.45	2	10/06/20 10:30	10/11/20 20:33	EPA 3050B	1,6010D	BV
Antimony, Total	4.53	J	mg/kg	4.54	0.345	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Arsenic, Total	12.2		mg/kg	0.907	0.189	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Barium, Total	245		mg/kg	0.907	0.158	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Beryllium, Total	0.290	J	mg/kg	0.454	0.030	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Cadmium, Total	1.76		mg/kg	0.907	0.089	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Calcium, Total	8870		mg/kg	9.07	3.18	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Chromium, Total	18.2		mg/kg	0.907	0.087	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Cobalt, Total	5.78		mg/kg	1.81	0.151	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Copper, Total	60.7		mg/kg	0.907	0.234	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Iron, Total	33600		mg/kg	4.54	0.819	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Lead, Total	449		mg/kg	4.54	0.243	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Magnesium, Total	2380		mg/kg	9.07	1.40	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Manganese, Total	215		mg/kg	0.907	0.144	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Mercury, Total	5.56		mg/kg	0.370	0.241	5	10/06/20 11:15	10/06/20 21:39	EPA 7471B	1,7471B	AL
Nickel, Total	15.8		mg/kg	2.27	0.220	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Potassium, Total	650		mg/kg	227	13.1	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Selenium, Total	0.245	J	mg/kg	1.81	0.234	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Silver, Total	0.608	J	mg/kg	0.907	0.257	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Sodium, Total	246		mg/kg	181	2.86	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.81	0.286	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Vanadium, Total	30.0		mg/kg	0.907	0.184	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV
Zinc, Total	347		mg/kg	4.54	0.266	2	10/06/20 10:30	10/11/20 18:47	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08
Client ID: B-5 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Date Collected: 10/01/20 12:29
Date Received: 10/01/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	6120		mg/kg	9.43	2.55	2	10/06/20 10:30	10/11/20 20:37	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.72	0.358	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Arsenic, Total	2.45		mg/kg	0.943	0.196	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Barium, Total	36.3		mg/kg	0.943	0.164	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Beryllium, Total	0.236	J	mg/kg	0.472	0.031	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Cadmium, Total	0.340	J	mg/kg	0.943	0.092	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Calcium, Total	928		mg/kg	9.43	3.30	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Chromium, Total	16.8		mg/kg	0.943	0.091	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Cobalt, Total	7.61		mg/kg	1.89	0.156	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Copper, Total	10.4		mg/kg	0.943	0.243	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Iron, Total	10000		mg/kg	4.72	0.852	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Lead, Total	6.24		mg/kg	4.72	0.253	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Magnesium, Total	1840		mg/kg	9.43	1.45	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Manganese, Total	87.2		mg/kg	0.943	0.150	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.078	0.051	1	10/06/20 11:15	10/06/20 18:14	EPA 7471B	1,7471B	AL
Nickel, Total	10.4		mg/kg	2.36	0.228	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Potassium, Total	566		mg/kg	236	13.6	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.89	0.243	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.943	0.267	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Sodium, Total	97.7	J	mg/kg	189	2.97	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.89	0.297	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Vanadium, Total	24.5		mg/kg	0.943	0.191	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV
Zinc, Total	30.2		mg/kg	4.72	0.276	2	10/06/20 10:30	10/11/20 18:51	EPA 3050B	1,6010D	BV

Project Name: 89-93 GERRY STREET **Lab Number:** L2041810

Project Number: 135597-002 **Report Date:** 10/12/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1418538-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Antimony, Total	0.292	J	mg/kg	2.00	0.152	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Iron, Total	ND		mg/kg	2.00	0.361	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/06/20 10:30	10/11/20 16:23	1,6010D	BV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1418541-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/06/20 11:15	10/06/20 16:32	1,7471B	AL

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1418538-2 SRM Lot Number: D109-540								
Aluminum, Total	102		-		50-150	-		
Antimony, Total	124		-		19-250	-		
Arsenic, Total	115		-		70-130	-		
Barium, Total	107		-		75-125	-		
Beryllium, Total	106		-		75-125	-		
Cadmium, Total	103		-		75-125	-		
Calcium, Total	101		-		73-128	-		
Chromium, Total	106		-		70-130	-		
Cobalt, Total	104		-		75-125	-		
Copper, Total	108		-		75-125	-		
Iron, Total	116		-		35-165	-		
Lead, Total	108		-		72-128	-		
Magnesium, Total	108		-		62-138	-		
Manganese, Total	105		-		74-126	-		
Nickel, Total	102		-		70-130	-		
Potassium, Total	104		-		59-141	-		
Selenium, Total	107		-		68-132	-		
Silver, Total	113		-		68-131	-		
Sodium, Total	108		-		35-165	-		
Thallium, Total	103		-		68-131	-		
Vanadium, Total	110		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1418538-2 SRM Lot Number: D109-540					
Zinc, Total	111	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1418541-2 SRM Lot Number: D109-540					
Mercury, Total	95	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1418538-3 QC Sample: L2041794-01 Client ID: MS Sample												
Aluminum, Total	9890	176	14900	**2850**	Q	-	-		75-125	-		20
Antimony, Total	0.475J	43.9	21.7	**49**	Q	-	-		75-125	-		20
Arsenic, Total	2.98	10.5	16.2	125		-	-		75-125	-		20
Barium, Total	141	176	361	125		-	-		75-125	-		20
Beryllium, Total	0.688	4.39	4.87	95		-	-		75-125	-		20
Cadmium, Total	0.637J	4.48	4.52	101		-	-		75-125	-		20
Calcium, Total	4850	878	27900	**2620**	Q	-	-		75-125	-		20
Chromium, Total	13.4	17.6	30.6	98		-	-		75-125	-		20
Cobalt, Total	13.0	43.9	43.8	**70**	Q	-	-		75-125	-		20
Copper, Total	21.2	22	44.2	105		-	-		75-125	-		20
Iron, Total	18300	87.8	23100	**5460**	Q	-	-		75-125	-		20
Lead, Total	12.8	44.8	49.3	81		-	-		75-125	-		20
Magnesium, Total	2860	878	6520	**417**	Q	-	-		75-125	-		20
Manganese, Total	302	43.9	820	**1180**	Q	-	-		75-125	-		20
Nickel, Total	37.2	43.9	56.1	**43**	Q	-	-		75-125	-		20
Potassium, Total	959	878	2250	**147**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.5	8.91	84		-	-		75-125	-		20
Silver, Total	ND	26.3	22.7	86		-	-		75-125	-		20
Sodium, Total	145J	878	1090	124		-	-		75-125	-		20
Thallium, Total	ND	10.5	7.02	**67**	Q	-	-		75-125	-		20
Vanadium, Total	12.8	43.9	53.2	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1418538-3 QC Sample: L2041794-01 Client ID: MS Sample										
Zinc, Total	59.4	43.9	97.6	87		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1418541-3 QC Sample: L2041794-01 Client ID: MS Sample										
Mercury, Total	0.109	0.141	0.356	**176**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1418538-4 QC Sample: L2041794-01 Client ID: DUP Sample						
Aluminum, Total	9890	10700	mg/kg	8		20
Antimony, Total	0.475J	ND	mg/kg	NC		20
Arsenic, Total	2.98	6.60	mg/kg	**76**	Q	20
Barium, Total	141	181	mg/kg	**25**	Q	20
Beryllium, Total	0.688	0.899	mg/kg	**27**	Q	20
Cadmium, Total	0.637J	0.855J	mg/kg	NC		20
Calcium, Total	4850	58300	mg/kg	**169**	Q	20
Chromium, Total	13.4	14.0	mg/kg	4		20
Cobalt, Total	13.0	11.2	mg/kg	15		20
Copper, Total	21.2	24.4	mg/kg	14		20
Iron, Total	18300	21800	mg/kg	17		20
Lead, Total	12.8	16.9	mg/kg	**28**	Q	20
Magnesium, Total	2860	9040	mg/kg	**104**	Q	20
Manganese, Total	302	645	mg/kg	**72**	Q	20
Nickel, Total	37.2	24.3	mg/kg	**42**	Q	20
Potassium, Total	959	1100	mg/kg	14		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	145J	239	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1418538-4 QC Sample: L2041794-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	12.8	16.2	mg/kg	**23**	Q	20
Zinc, Total	59.4	56.6	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1418541-4 QC Sample: L2041794-01 Client ID: DUP Sample						
Mercury, Total	0.109	0.068J	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-01
Client ID: B-1 (3-5')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/01/20 10:05
Date Received: 10/01/20
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	81.9		%	0.100	NA	1	-	10/02/20 09:57	121,2540G	RI

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-02
Client ID: B-1 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/01/20 10:10
Date Received: 10/01/20
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	78.9		%	0.100	NA	1	-	10/02/20 09:57	121,2540G	RI

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-03
Client ID: B-3 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/01/20 10:47
Date Received: 10/01/20
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	84.8		%	0.100	NA	1	-	10/02/20 09:57	121,2540G	RI

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-04
Client ID: B-3 (13-15')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/01/20 10:45
Date Received: 10/01/20
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	84.3		%	0.100	NA	1	-	10/02/20 10:41	121,2540G	RI

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-05
Client ID: B-4 (1-3')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:10
Date Received: 10/01/20
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	89.4		%	0.100	NA	1	-	10/02/20 09:57	121,2540G	RI

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-06
Client ID: B-4 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY

Date Collected: 10/01/20 12:09
Date Received: 10/01/20
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	84.8		%	0.100	NA	1	-	10/02/20 09:57	121,2540G	RI

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-07
Client ID: B-5 (0-2')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/01/20 12:30
Date Received: 10/01/20
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	84.7		%	0.100	NA	1	-	10/02/20 09:57	121,2540G	RI

Project Name: 89-93 GERRY STREET
Project Number: 135597-002
Lab Number: L2041810
Report Date: 10/12/20

SAMPLE RESULTS

Lab ID: L2041810-08
Client ID: B-5 (10-12')
Sample Location: 89-93 GERRY STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/01/20 12:29
Date Received: 10/01/20
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	80.8		%	0.100	NA	1	-	10/02/20 10:41	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 89-93 GERRY STREET

Project Number: 135597-002

Lab Number: L2041810

Report Date: 10/12/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1417246-1 QC Sample: L2041728-01 Client ID: DUP Sample						
Solids, Total	81.2	82.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 04,08 QC Batch ID: WG1417248-1 QC Sample: L2041729-01 Client ID: DUP Sample						
Solids, Total	91.0	91.2	%	0		20

Project Name: 89-93 GERRY STREET
Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

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(*)
L2041810-01A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-01B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-01C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-01D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2041810-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2041810-01F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2041810-02A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-02B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-02C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-02D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2041810-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2041810-02F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2041810-03A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-03B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-03C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-03D	Plastic 2oz unpreserved for TS	A	NA		3.3	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(*)
L2041810-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2041810-03F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2041810-04A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-04B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-04C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2041810-04F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L2041810-05A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-05B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-05C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-05D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2041810-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2041810-05F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2041810-06A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-06B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-06C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-06D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2041810-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

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Project Number: 135597-002

Lab Number: L2041810
Report Date: 10/12/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2041810-06F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2041810-07A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-07B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-07C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-07D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2041810-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2041810-07F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2041810-08A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2041810-08B	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-08C	Vial water preserved	A	NA		3.3	Y	Absent	02-OCT-20 04:57	NYTCL-8260HLW(14)
L2041810-08D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2041810-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	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),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2041810-08F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041810
Project Number:	135597-002	**Report Date:**	10/12/20

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

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Footnotes

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. 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.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

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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.

Project Name:	89-93 GERRY STREET	**Lab Number:**	L2041810
Project Number:	135597-002	**Report Date:**	10/12/20

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.

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320 Forbes Blvd
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FAX: 508-822-3288

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

Page 1 of 1

Date Rec'd in Lab: 10/2/20

ALPHA Job #: L2041810

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

Project Information
Project Name: 89-93 Gerry Street
Project Location: 89-93 Gerry Street, Brooklyn, NY
Project # 135597-002
(Use Project name as Project #) ☐
Project Manager: Mark Conlon
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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

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

Billing Information
☑ Same as Client Info
PO #

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

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270D	TCL Pesticides 8081B	TCL PCBs 8082A	TAL Metals 6010D				Total Bottle
41810 -01	B-1 (3-5')	10-1-20	1005	S	SC	X	X	X	X	X				5
-02	B-1 (10-12')	10-1-20	1010	S	SC	X	X	X	X	X				5
-03	B-3 (1-3')	10-1-20	1047	S	SC	X	X	X	X	X				5
-04	B-3 (13-15')	10-1-20	1045	S	SC	X	X	X	X	X				5
-05	B-4 (1-3')	10-1-20	1210	S	SC	X	X	X	X	X				5
-06	B-4 (10-12')	10-1-20	1209	S	SC	X	X	X	X	X				5
-07	B-5 (0-2')	10-1-20	1230	S	SC	X	X	X	X	X				5
-09	B-5 (10-12')	10-1-20	1229	S	SC	X	X	X	X	X				5
Container Type						V	A	A	A	A				
Preservative						F	A	A	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
Mark Sinnel	10-1-2020/1600	[illegible] (AAL)	10/1/2020 1600
[illegible] (AAL)	10/1/2020/1945	[illegible]	10/2 2200
[illegible]	10/2/2020	[illegible]	10/2/20 00:30

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

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

ATTACHEMNT B

SOIL BORING LOGS

HALEY ALDRICH

HALEY & ALDRICH

TEST BORING REPORT

BORING NO. B-1

Page 1 of 1

PROJECT	89-93 Gerry Street	**H&A FILE NO.**	135597-002
LOCATION	89-93 Gerry Street, Brooklyn, NY	**PROJECT MGR.**	Mari Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S. Commisso/Z. Simmel
CONTRACTOR	Eastern Environmental Solutions	**DATE STARTED**	10/1/2020
DRILLER	P. Slavin	**DATE FINISHED**	10/1/2020

Elevation ft. **Datum** NAVD-88 **Boring Location** Rear of Lot 41

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

Rig Make & Model 6610DT

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

Hammer Type
- ☐ Safety
- ☐ Doughnut
- ☐ Automatic

Drilling Mud
- ☐ Bentonite
- ☐ Polymer
- ☑ None

Casing Advance
Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	2.5	B-1(3-5')	5	G	**0-5'** Urban fill material, concrete and brick pieces, unconsolidated	0.3
					A 2-3" lense of blue crystallized material was observed at 5'	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
5						0.0
	3.5		5-10	G	**5-10'** Brown to light brown, fine SAND with clay, tight, moist, no odor, no	0.0
					PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
10						0.0
	5	B-1(10-12')	10-15	G	**10-15'** Brown to light brown, medium SAND, fatty texture, wet, no odor,	0.0
					no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
15						

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

BORING NO. B-1

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

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

HALEY & ALDRICH

TEST BORING REPORT

BORING NO. B-2

Page 1 of 1

PROJECT	89-93 Gerry Street	**H&A FILE NO.**	135597-002
LOCATION	89-93 Gerry Street, Brooklyn, NY	**PROJECT MGR.**	Mari Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S. Commisso/Z. Simmel
CONTRACTOR	Eastern Environmental Solutions	**DATE STARTED**	10/1/2020
DRILLER	P. Slavin	**DATE FINISHED**	10/1/2020

Elevation ft. **Datum** NAVD-88 **Boring Location** Rear of Lot 41

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

Rig Make & Model 6610DT

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

Hammer Type
- ☐ Safety
- ☐ Doughnut
- ☑ Automatic

Drilling Mud
- ☐ Bentonite
- ☐ Polymer
- ☑ None

Casing Advance
Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	2.5	B-2(0-2')	5	G	**0-5'** Urban fill material, brick and concrete pieces, mps 0.5", no odor	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
5						0.0
	4		5-10	G	**5-10'** Brown to light brown fine SAND with silt, trace clay, moist, no odor, no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
10						0.0
	5	B-1(10-12')	10-15	G	**10-15'** Brown to light brown medium to slightly coarse SAND with some	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
					SILT, wet, no odor, no PID readings	0.0
						0.0
15						

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.)	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.**

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

HALEY & ALDRICH

TEST BORING REPORT

BORING NO. B-3

Page 1 of 1

PROJECT	89-93 Gerry Street	**H&A FILE NO.**	135597-002
LOCATION	89-93 Gerry Street, Brooklyn, NY	**PROJECT MGR.**	Mari Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S.Commisso/Z.Simmel
CONTRACTOR	Eastern Environmental Solutions	**DATE STARTED**	10/1/2020
DRILLER	P. Slavin	**DATE FINISHED**	10/1/2020

Elevation ft. **Datum** NAVD-88 **Boring Location**

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

Rig Make & Model 6610DT

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

Hammer Type
- ☐ Safety
- ☐ Doughnut
- ☑ Automatic

Drilling Mud
- ☐ Bentonite
- ☐ Polymer
- ☑ None

Casing Advance
Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	2.5	B-3(1-3')	0-5	G	**0-3'** Urban fill material, concrete and brick pieces	0.0
					3-5' Brown to dark brown fine SAND with clay and silt, dry, no odor, tight	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
5						0.0
	3		5-10	G	**5-10'** Brown fine SAND with clay and silt, moist, tight, no odor, no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
10						0.0
	4.5	B-3 (13-15')	10-15	G	**10-15'** Brown to orange brown, medium to coarse SAND with silt, loose, wet, PID 0.1-2.6 from 14-15'	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.1
						1.2
15						2.6

Water Level Data

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

Sample ID

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

Summary

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

BORING NO. B-3

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

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

HALEY & ALDRICH

TEST BORING REPORT

BORING NO. B-4

Page 1 of 1

PROJECT	89-93 Gerry Street	**H&A FILE NO.**	135597-002
LOCATION	89-93 Gerry Street, Brooklyn, NY	**PROJECT MGR.**	Mari Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S.Commisso/Z.Simmel
CONTRACTOR	Eastern Environmental Solutions	**DATE STARTED**	10/1/2020
DRILLER	P. Slavin	**DATE FINISHED**	10/1/2020

Elevation ft. **Datum** NAVD-88 **Boring Location** Central of Lot 40

Rig Make & Model 6610DT

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

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

Hammer Type: ☐ Safety ☐ Doughnut ☑ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	3	B-4(1-3')	0-2	G	**0-8'** Urban fill material, brick and concrete pieces, PID 0.3, loose, dry	0.3
						0.3
						0.3
						0.3
						0.0
						0.0
						0.0
						0.0
						0.0
5						0.0
	3		5-10	G	**5-10'** Brown to light brown CLAY with silt, tight, moist, no odor, no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
10						0.0
	5	B-4(10-12')	10-15	G	**10-15'** Brown to light brown, medium to coarse SAND with silt, wet, slightly tight, some pebbles, trace clays	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
15						

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

BORING NO. B-4

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

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

HALEY & ALDRICH

TEST BORING REPORT

BORING NO. B-5

Page 1 of 1

PROJECT	89-93 Gerry Street	**H&A FILE NO.**	135597-002
LOCATION	89-93 Gerry Street, Brooklyn, NY	**PROJECT MGR.**	Mari Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S.Commisso/Z.Simmel
CONTRACTOR	Eastern Environmental Solutions	**DATE STARTED**	10/1/2020
DRILLER	P. Slavin	**DATE FINISHED**	10/1/2020

Elevation ft. **Datum** NAVD-88 **Boring Location** Rear of Lot 39 near trailer

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

Rig Make & Model 6610DT

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

Hammer Type	Drilling Mud	Casing Advance
☐ Safety	☐ Bentonite	Type Method Depth
☐ Doughnut	☐ Polymer	Direct Push
☑ Automatic	☑ None	

Drilling Notes:

Depth (ft.)	Recovery (ft.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	3	B-5 (0-2')	0-5	G	**0-5'** Urban fill material, brick, concrete and glass pieces	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
5						0.0
	3.5		5-10	G	**5-10'** Dark brown to light brown CLAY, very tight, plastic, moist, no odor, no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
10						0.0
	4.5	B-5 (10-12')	10-15	G	**10-15'** Brown to light brown medium SAND with silt, wet, no odor, no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
15						

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

BORING NO. B-5

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

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

HALEY & ALDRICH

TEST BORING REPORT

BORING NO. B-6

Page 1 of 1

PROJECT	89-93 Gerry Street	**H&A FILE NO.**	135597-002
LOCATION	89-93 Gerry Street, Brooklyn, NY	**PROJECT MGR.**	Mari Conlon
CLIENT	Waterfront Management New York	**FIELD REP.**	S.Commisso/Z.Simmel
CONTRACTOR	Eastern Environmental Solutions	**DATE STARTED**	10/1/2020
DRILLER	P. Slavin	**DATE FINISHED**	10/1/2020

Elevation ft. **Datum** NAVD-88 **Boring Location** Front of trailer

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

Rig Make & Model 6610DT

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

Hammer Type: ☐ Safety ☐ Doughnut ☑ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ None

Casing Advance — Type Method Depth: Direct Push

Drilling Notes:

Depth (ft.)	Recovery (ft.)	Client ID	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description	PID (ppm)
0						
	2	B-6 (0-2')	0-5	G	**0-5'** Urban fill material, concrete, brick and glass pieces, no odor, no PID reading	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
5						0.0
	2.5		5-10'	G	**5-10'** Brown to light brown, fine SAND with silt, moist, trace clay, no odor, no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
10						0.0
	4.5	B-6 (10-12')	10-15	G	**10-15'** Brown to light brown fine to medium SAND, some silt, no odor, wet, no PID readings	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
15						

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

BORING NO. B-6

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

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