



SITE CHARACTERIZATION REPORT

**FORMER TECHTRONICS SITE B (#2-24-259)
480 FLUSHING AVENUE
BROOKLYN, NEW YORK 11205**

LEA PROJECT #17-310

SUBMITTED TO:

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
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PREPARED FOR:

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AUGUST 9, 2018

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**LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
ENVIRONMENTAL CERTIFICATION**

LEA Project No.: 17-310

Report: Site Characterization Work Plan

Report Date: August 9, 2018

Site: 480 Flushing Avenue, Brooklyn, New York 11205

Client: Law Offices of Theodore W. Firetog, on behalf of its client
480 Flushing LLC

Report Prepared By:



Jamie Burgher
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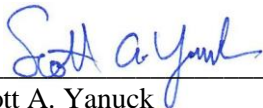


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Senior Geologist

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property.



Scott A. Yanuck
Principal

August 9, 2018
Date

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REPORT SPECIFICATIONS

This report contains (36) pages of text.

Copies and circulation of this report are as follows:

- One unbound printed copy and one electronic copy to NYSDEC, Division of Environmental Remediation, Aaron Fischer
- One electronic copy to New York State Department of Health, Bureau of Environmental Exposure Investigation, Krista Anders
- One electronic copy to NYSDEC, Office of General Counsel, Rosalie K. Rusinko, Esq.
- One electronic copy to Theodore W. Firetog, Esq.
- One copy in the confidential client file at **Laurel Environmental Associates, Ltd.**

This report is prepared for the exclusive use of the principal(s) noted above and is considered private and confidential. **LEA** shall not release this report or any of the findings of this report to any person or agency except with the authorization of the named principal(s).

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ACRONYMS

ARARs	Applicable or Relevant and Appropriate Requirements
AS	Air Sparge
bgs	below ground surface
CAMP	Community Air Monitoring Program
C&D	Construction and Demolition (debris)
CEC	Cation Exchange Capability
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFM	cubic feet per minute
COC	Contaminates of Concern
COD	Chemical Oxygen Demand
CPC	Chemical of Potential Concern
DNAPL	Dense non-aqueous phase liquid
DO	Dissolved Oxygen
DOT	Department of Transportation
EISB	Enhanced <i>In-situ</i> Bioremediation
EPA	Environmental Protection Agency
FWIA	Fish and Wildlife Impact Analysis
HASP	Health and Safety Plan
HP	Horsepower
HRA	Health Risk Assessment
HRC	Hydrogen Release Compound
GAC	Granulated Active Carbon
IHWS	Inactive Hazardous Waste Site
IIWA	Immediate Investigation Work Assignment
ISCO	In-Situ Chemical Oxidation
LBWD	Long Beach Water District
LEA	Laurel Environmental Associates Ltd
LDR	Land Disposal Restrictions
MNA	Monitored Natural Attenuation
MW	Monitoring Well
NCDH	Nassau County Department of Health
NCP	National Contingency Plan
NPL	National Priority List
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PCE	Perchloroethene (same as Tetrachloroethene or PERC)
PID	Photoionization detector
POTW	Publicly-Owned Treatment Works
ppb	parts per billion (µg/kg)
ppm	parts per million (mg/kg)
PRAP	Proposed Remedial Action Plan
RAGS	Risk Assessment Guidance for Superfund
RAP	Remedial Action Plan
RAO	Remedial Action Objective
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
ROI	Radius of Influence
RSCO	Recommended Soil Cleanup Objective (as per TAGM)
SARA	Superfund Amendments and Reauthorization Act
SCGs	Standards, Criteria, and Guidance Values
SSVMP	Stainless Steel Vapor Monitoring Points
SCO	Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOC	Semi Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TMV	Toxicity, Mobility, or Volume
TOC	Total Organic Compounds
USEPA	United States Environmental Protection Agency
UTS	Universal Treatment Standards
VOC	Volatile Organic Compound
W.C.	Water Column

1.0 INTRODUCTION

Laurel Environmental Associates, Ltd. (**LEA**) has been retained to prepare a Site Characterization Report for the New York State Department of Environmental Conservation (“NYSDEC”) in accordance with Order on Consent and Administrative Settlement Index No. CO 20-20171106-379 to conduct Site Characterization of the property located at 480 Flushing Avenue, Brooklyn, New York (“Site”, see Figure 1.0 for the Site location). The purpose of this Site Characterization program is to assess whether the former operations have negatively impacted environmental conditions at the Site.

Site Details	
Site Address	480 Flushing Avenue, Brooklyn
Cross Streets	Flushing Avenue and Park Avenue
Site Occupant	Vacant
Tax Lot	Block: 1716 Lot: 30
Municipality	Kings County, New York City
USGS Quadrangle	Brooklyn
Physical Location	Latitude 40° 41' 56.00" North Longitude 73° 57' 18.98" West
Land Size	Approximately 4,000 square feet
Site Elevation	14 feet
Depth to Groundwater	12 feet
Site Topography	Flat



1.1 SITE DESCRIPTION AND BACKGROUND

The Former Techtronics Site B (NYSDEC Site #2-24-259) includes a portion of the Site that was previously used (between 1962 and the 1990s) by the Techtronics Ecological Corporation, a paint and lacquer manufacturer, that was located at Tax Block 1716, Lot 33. In 2011, a portion of Lot 33 was transferred to Block 1716, Lot 30, which is now designated as Site B, and is located at the Site. Based on discussions with the NYSDEC, the scope of this investigation will encompass the entirety of current Lot 30 (see Figure 1.0 for the Site location and Figure 2.0 for the Site layout, including the portion of the Site that was historically part of Lot 33). The Site is approximately 4,000 square feet in area and is currently vacant, with the recent demolition of the 1-story brick building in the southern portion of the Site, which was most recently occupied by the Flushing Fish Market. The northern portion of the Site was historically used for vehicle repairs.

Planned redevelopment of the Site includes construction of a multi-story office building with a basement. As currently anticipated, the basement area of the new building will be used for religious purposes.

Potable water at the Site and in vicinity of the Site is provided by the City of New York, and is supplied from upstate reservoirs. In addition, City regulations restrict operation of private potable wells, so any impacted groundwater in the area of the Site would not represent a threat to human health through direct exposure.

1.2 PREVIOUS ENVIRONMENTAL ACTIVITIES

1.2.1 ON-SITE

The northern portion of the Site was the subject of an Environmental Phase II Investigation by Alpha-Hydro Environmental Services, conducted in 2014 to investigate the historic use of this portion of the Site for vehicle repairs. The scope included advancing three (3) soil borings (SP-1, SP-2, and SP-3, see Figure 2.0) and submitting one (1) soil sample from each boring for laboratory analysis of volatile organic compounds (“VOCs”), semi-volatile organic compounds (“SVOCs”), and RCRA metals. No VOCs or metals were detected in any of the soil samples at concentrations exceeding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (“SCOs”). The sample from SP-1 (6 to 8 feet) did not contain any SVOCs at concentrations exceeding Unrestricted Use SCOs; SVOCs were detected in the other two (2) samples at concentrations exceeding Unrestricted Use SCOs, which were interpreted in the report to represent historic urban fill. Analytical results are summarized in Table I and parameters detected in on-Site samples at concentrations exceeding 6 NYCRR Part 375 Protection of Groundwater SCOs are summarized on Figure 3.0.

Temporary monitoring wells were installed in two of the borings (TW-1 and TW-2, see Figure 2.0), and two (2) groundwater samples were collected for laboratory analysis of VOCs, SVOCs, and RCRA metals.

Four (4) chlorinated VOCs, including tetrachloroethene (“PCE”) and PCE breakdown products trichloroethene (“TCE”) and cis-1,2-dichloroethene (“cis-1,2-DCE”), as well as chloroform, were detected in groundwater at concentrations exceeding New York State Class GA groundwater standards. Neither sample contained SVOCs or RCRA metals at concentrations above Class GA groundwater standards. Analytical results are summarized in Table II and parameters detected in on-Site samples at concentrations exceeding New York State Class GA Groundwater Standards and Guidance Values are summarized on Figure 3.0.

Order on Consent and Administrative Settlement Index No. CO 2-20171106-379 (“Order on Consent”) was executed on February 1, 2018, between the New York State Department of Environmental Conservation (“NYSDEC”) and 480 Flushing LLC. The sampling described in this report was conducted in accordance with the Order on Consent and the NYSDEC-approved *Site Characterization Work Plan*, dated April 23, 2018 and revised on May 29, 2018 (“Work Plan”), which included a Health and Safety Plan, Community Air Monitoring Plan (“CAMP”), and Waste Management Plan.

1.2.2 ADJACENT PROPERTY

In 2007, an environmental investigation was conducted at the property immediately south of the Site by P.W. Grosser Consulting, which had historically been used by Techtronics Ecological Corporation for manufacturing purposes. The scope included advancing four (4) soil borings (GP-1 through GP-4, see Figure 2.0) and submitting one (1) soil sample from each boring for laboratory analysis of VOCs and SVOCs. No VOCs or SVOCs were detected in the samples from GP-1, GP-2, or GP-4 at concentrations exceeding Recommended Soil Cleanup Objectives (RSCOs); PCE, TCE, and several SVOCs were detected in the sample from GP-3 (depth of 5 to 7.5 feet) at concentrations above RSCOs. Analytical results for soil samples are summarized in Table I and analytical results for groundwater samples are summarized in Table II.

Groundwater samples were collected from temporary monitoring wells installed in two of the borings (GP-1 and GP-3), as well as from two (2) existing monitoring well (MW-1 and MW-2) identified at the property (locations are shown on Figure 2.0). The groundwater samples from the temporary wells were submitted for analysis of VOCs and SVOCs, and the samples from the permanent wells were submitted for analysis of VOCs only. Several VOCs were detected at concentrations above New York State Class GA groundwater standards in the groundwater samples, including PCE, TCE, and cis-1,2-DCE in all four (4) samples. Only one SVOC, naphthalene, was detected in groundwater at a concentration exceeding New York State Class GA groundwater standards, in the sample from GP-3 (historical sample results are shown on Figure 3.0). According to the P.W. Grosser Consulting report, the VOC and SVOCs detected in the soil and groundwater samples “...are similar to those listed on the environmental database search included in the Phase I ESA” that “...were known to have been stored at the site by Techtronics Ecological Corporation.”

Table I: Parameters Detected in Historic Soil Samples

Sample Identification		Protection of Groundwater SCO	SP-1	SP-2	SP-3	GP-1	GP-2	GP-3	GP-4
Depth	6-8'		10-12'	10-12'	7.5-10'	10-12.5'	5-7.5'	12.5-15'	
Date	7/11/14		7/11/14	7/11/14	12/17/07	12/17/07	12/17/07	12/17/07	
VOCs									
1,2,4-Trimethylbenzene	3,600	ND	ND	ND	ND	1,086	ND	ND	
1,3,5-Trimethylbenzene	8,400	ND	ND	ND	ND	343	ND	ND	
2-Butanone (methyl ethyl ketone)	120	ND	ND	6.1 J	ND	ND	ND	48	
Acetone	50	ND	31	34	ND	ND	ND	105	
cis-1,2-DCE	250	ND	5.5 J	ND	ND	ND	182	20	
Methylene chloride	50	ND	ND	6.2 J	ND	ND	ND	ND	
Methyl isobutyl ketone	---	ND	ND	ND	ND	ND	ND	8	
Naphthalene	12,000	ND	54 B	51 B	ND	209	1,724	ND	
n-Propylbenzene	3,900	ND	ND	ND	ND	244	ND	ND	
o-Xylene	1,600	ND	ND	6.2	ND	ND	ND	5	
m,p-Xylene	1,600	ND	ND	ND	ND	ND	236	13	
PCE	1,300	ND	98 E	55 E	ND	ND	4,330	ND	
Toluene	700	ND	ND	ND	ND	ND	571	6	
TCE	470	ND	7.0 J	ND	ND	ND	873	ND	
SVOCs									
Acenaphthene	98,000	ND	ND	ND	ND	ND	3,882	ND	
Acenaphthylene	107,000	ND	ND	ND	ND	ND	10,864	ND	
Anthracene	1,000,000	ND	1,780 J	5,570	ND	ND	19,872	ND	
Bis (2-ethylhexyl) phthalate	---	ND	3,020 J	ND	ND	2,798	1,159	ND	
Benzo (a) anthracene	1,000	ND	2,930 J	3,080	ND	ND	25,694	ND	
Benzo (a) pyrene	22,000	ND	1,550 J	2,840	ND	ND	20,469	ND	
Benzo (b) fluoranthene	1,700	ND	ND	ND	ND	ND	26,708	ND	
Benzo (g,h,i) perylene	1,000,000	ND	ND	ND	ND	ND	10,976	ND	
Benzo (k) fluoranthene	1,700	ND	1,790 J	3,640	ND	ND	7,950	ND	
Chrysene	1,000	ND	2,280 J	5,750	ND	ND	24,679	ND	
Dibenzo (a,h) anthracene	1,000,000	ND	ND	693 J	ND	ND	3,520	ND	
Dibenzofuran	---	ND	ND	1,530 J	NA	NA	NA	NA	
Fluoranthene	1,000,000	ND	7,090	12,400	ND	2,798	1,159	ND	
Fluorene	386,000	ND	ND	1,120 J	ND	ND	13,461	ND	
Indeno (1,2,3-cd) pyrene	8,200	ND	ND	1,270 J	ND	ND	13,040	ND	
Naphthalene	12,000	ND	ND	785 J	ND	244	23,295	ND	
Phenanthrene	1,000,000	ND	7,690	13,800	ND	110	72,964	55	
Pyrene	1,000,000	ND	6,260	10,500	ND	48	46,722	ND	

Table I: Parameters Detected in Historic Soil Samples (continued)

Sample Identification	Protection of Groundwater SCO	SP-1	SP-2	SP-3	GP-1	GP-2	GP-3	GP-4
Depth		6-8'	10-12'	10-12'	7.5-10'	10-12.5'	5-7.5'	12.5-15'
Date		7/11/14	7/11/14	7/11/14	12/17/07	12/17/07	12/17/07	12/17/07
Metals								
Arsenic	16	1.3	1.43	2.68	NA	NA	NA	NA
Barium	820	49.5	92.8	51.4	NA	NA	NA	NA
Chromium	---	16.0	24.8	22.4	NA	NA	NA	NA
Lead	450	4.74	53.1	3.16	NA	NA	NA	NA
Selenium	4	3.43	2.44	3.16	NA	NA	NA	NA
Mercury	0.73	ND	0.163	0.0599	NA	NA	NA	NA

Notes:

Only detected parameters reported

ND: Not detected

B: Compound also detected in blank sample

NA: Not analyzed

Units are micrograms per kilogram for VOCs and SVOCs, and milligrams per kilogram for metals

J: Concentration between Instrument Detection Limit and Reporting Limit – concentration estimated

E: Concentration exceeds linear calibration range – concentration estimated

---: No SCO established for this parameter

Table II: Parameters Detected in Historic Groundwater Samples

Sample Identification	Class GA Groundwater Standard	TW-1	TW-2	GP-1	GP-3	MW-1	MW-2
Date		7/11/14	7/11/14	12/17/07	12/17/07	12/17/07	12/17/07
VOCs							
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	11,239
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	1,018
1,1,1-Trichloroethane	5	ND	3.9	127	103	ND	61,883
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	6	ND
2-Butanone (methyl ethyl ketone)	50 (GV)	ND	ND	ND	ND	ND	18,356
Acetone	50 (GV)	4.1 BEJ	3.2 EJ	ND	ND	ND	ND
cis-1,2-DCE	5	4.3 J	20	387	1,200	7	16,400
Chloroform	7	17	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	4,393
Methyl isobutyl ketone	---	ND	ND	ND	ND	ND	8,541
o-Xylene	5	ND	ND	ND	ND	ND	3,729
m,p-Xylene	5	ND	ND	ND	ND	ND	13,676
PCE	5	32	65	3,176	792	31	48,575
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND	1,667
Toluene	5	ND	ND	ND	66	ND	75,488
TCE	5	8.1	17	2,315	744	31	48,575
Vinyl chloride	2	ND	ND	ND	ND	ND	2,277

Table II: Parameters Detected in Historic Groundwater Samples (continued)

Sample Identification	Class GA Groundwater Standard	TW-1	TW-2	GP-1	GP-3	MW-1	MW-2
Date		7/11/14	7/11/14	12/17/07	12/17/07	12/17/07	12/17/07
SVOCs							
Acenaphthene	20 (GV)	0.305	0.232	ND	ND	NA	NA
Anthracene	50 (GV)	0.284	0.126	ND	ND	NA	NA
Chrysene	0.002 (GV)	0.0526 J	ND	ND	ND	NA	NA
Fluoranthene	50 (GV)	0.421	0.147	ND	ND	NA	NA
Fluorene	50 (GV)	0.158	0.189	ND	ND	NA	NA
Naphthalene	10 (GV)	0.358	1.74	ND	17	NA	NA
Phenanthrene	50 (GV)	1.29	0.579	ND	ND	NA	NA
Pyrene	50 (GV)	0.316	0.105	ND	ND	NA	NA
Metals							
Arsenic	25	ND	0.015	NA	NA	NA	NA
Barium	1,000	1.02	1.55	NA	NA	NA	NA
Cadmium	5	ND	0.004	NA	NA	NA	NA
Chromium	50	0.020	0.049	NA	NA	NA	NA
Lead	25	0.037	0.147	NA	NA	NA	NA
Selenium	10	ND	0.017	NA	NA	NA	NA

Notes:

Only detected parameters reported

ND: Not detected

B: Compound also detected in blank sample

NA: Not analyzed

GV: Guidance value

Units are micrograms per liter

J: Concentration between Instrument Detection Limit and Reporting Limit – concentration estimated

E: Concentration exceeds linear calibration range – concentration estimated

---: No standard established for this parameter

2.0 SITE CHARACTERIZATION SCOPE OF WORK

In accordance with the Consent Order, Work Plan, and discussions with the NYSDEC, further characterization of the Site has been completed. The scope of work included advancing eight (8) soil borings, screening of soil samples and selecting two (2) soil samples per boring for laboratory analysis, collecting eight (8) surface soils samples, installing and sampling three (3) permanent monitoring wells, installing and sampling three (3) temporary soil vapor points, and reporting. Details regarding the sampling are provided in the following sections, samples that were collected are summarized in Table III, and sample locations are shown on Figure 4.0. In addition, a previously-unknown underground storage tank (“UST”) was identified in the central portion of the Site. Based on this finding, a magnetometer survey of the Site was conducted to assess whether additional USTs were present.

Table III: Sample Summary

Medium	Location/Depth	Rationale	Analyses
Subsurface Soil	SB-1 through SB-4 Worst-case or 4 to 6’ 0 to 2’ above water table)	Former auto repair portion of Site	6 NYCRR Part 375 VOCs/ SVOCs/pesticides/herbicides/ PCBs/metals/hexavalent chromium/cyanide
	SB-5 through SB-8 Worst-case or 4 to 6’ 0 to’ above water table	Former Techtronics portion of Site	6 NYCRR Part 375 VOCs/ SVOCs/pesticides/herbicides/ PCBs/metals/hexavalent chromium/cyanide
Surface Soil	SS-1A through SS-4A 0 to 2”	Surface soil quality throughout Site	6 NYCRR Part 375 VOCs/ SVOCs/pesticides/herbicides/ PCBs/metals/hexavalent chromium/cyanide
	SS-1B through SS-4B 2 to 12” (grab from worst-case 2” interval for VOC analysis, composite for other analytes)	Surface soil quality throughout Site	6 NYCRR Part 375 VOCs/ SVOCs/pesticides/herbicides/ PCBs/metals/hexavalent chromium/cyanide
Groundwater	MW-A through MW-C	Groundwater quality throughout Site	6 NYCRR Part 375 VOCs/ SVOCs/pesticides/herbicides/ PCBs/metals (total and dissolved)/hexavalent chromium/cyanide
Soil Vapor	SV-1 through SV-3	Assess impacts to soil vapor, if any	VOCs

2.1 SITE RECONNAISSANCE AND COMMUNITY AIR MONITORING

Prior to work commencing at the Site, the locations of all samples were marked in the field by **LEA**. As noted above, during the Site reconnaissance an unregistered 550-gallon UST was encountered at the Site. The UST was determined to have approximate dimensions of 5.4 feet by 4 feet and contained approximately 4 inches of a black oily liquid. To assess potential environmental issues associated with the UST, soil boring SB-3 was moved to a location adjacent to the UST, with prior NYSDEC authorization. See Appendix A for Site photographs.

In accordance with the Work Plan, CAMP monitoring was conducted during all portions of the field activities, including Site reconnaissance, surface soil sampling, subsurface soil sampling, monitoring well installation and sampling, and soil vapor point installation and sampling. The CAMP included continuous monitoring for particulates at upwind and downwind locations and monitoring for VOCs at sample locations using a photoionization detector (“PID”). No readings were detected that exceeded action levels listed in the CAMP section of the Work Plan. The particulate monitoring data are included in Appendix B.

2.2 GEOPHYSICAL SURVEY AND FOLLOW-UP INVESTIGATION

After identifying the previously unknown UST at the Site, **LEA** implemented a magnetometer survey to determine whether any additional USTs are present. The survey was conducted in a grid pattern throughout the entire Site, and two (2) anomalies were encountered (see Figure 4.0). One anomaly was identified beneath the current sidewalk in the eastern portion of the Site, located adjacent to two concrete-filled pipes at the edge of the sidewalk. This anomaly may be indicative of an abandoned-in-place UST. The second anomaly was identified in the east-central area of the Site, in an apparent void space beneath a concrete slab, and appears to be located in a former basement at the Site.

Each anomaly was further investigated using a manually-driven tool, to a depth of three (3) feet below ground surface for the sidewalk anomaly and a depth of one (1) foot below ground surface for the east-central anomaly (apparent concrete prevented deeper assessment at this location). No direct evidence of USTs was identified at either location.

3.0 SURFACE SOIL SAMPLING

To assess surface soil quality at the Site, two (2) surface soil samples were collected at each of four (4) locations (SS-1 through S_4, see Figure 4.0), from depths of 0 to 2 inches (samples designated “A”) and 2 to 12 inches (samples designated “B”) below ground surface (“bgs”). The sample analyzed for VOCs from the deeper interval was collected as a grab sample from the 5 to 7 inches bgs, as no “worst-case” interval was encountered at any surface soil location during the sampling process. The samples analyzed for non-VOC parameters from the deeper interval were collected as composite samples over the 2 to 12 inch depth interval. Samples to be analyzed for VOCs were collected using Method 5035 and EnCore samplers. Samples for analysis of the remaining parameters were collected using dedicated disposable sampling equipment (*e.g.*, plastic spoons or scoops). Sampled material was transferred directly into laboratory-supplied containers, which were immediately placed into an iced cooler for delivery by laboratory courier to Alpha Analytical (“Alpha”) under chain of custody procedures; Alpha is approved by the New York State Department of Health (“NYSDOH”) Environmental Laboratory Approval Program (“ELAP”).

3.1 LABORATORY ANALYSIS – SURFACE SOIL

The surface soil samples were analyzed for 6 NYCRR Part 375 VOCs, SVOCs, pesticides, herbicides, polychlorinated biphenyls (“PCBs,”) metals, hexavalent chromium, and cyanide. Parameters detected in the surface soil samples are summarized in Table IV. The laboratory data package is included in Appendix C.

Laboratory analysis of the samples showed the following:

- Hexalent Chromium was detected in SS-4B at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs.
- The PCB Aroclor 1254 was detected in SS-1A, SS-3A, SS-3B at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs. Additionally, Aroclor 1254 exceeded the 6 NYCRR Part 375 Restricted Residential Use SCOs in SS-4A and SS-4B.
- Several SVOCs were detected in all surface soil samples at concentrations exceeding the 6 NYCRR Part 375 Restricted Residential Use SCOs.
- Several metals were detected in SS-1B, SS-2A, and SS-3B at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs. Additionally, metals were detected in SS-1A, SS-2B, SS-3A, SS-4A, and SS-4B at concentrations exceeding the 6 NYCRR Part 375 Restricted Residential Use SCOs.
- Several VOCs were detected in SS-1B, SS-2B, SS-3A and SS-3B at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs.

The surface soil sample results that exceeded the 6 NYCRR Part 375 Unrestricted Use SCOs are summarized on Figure 5.0.

Table IV: Parameters Detected in Surface Soil Samples

Table IV. Parameters Detected in Surface Soil Samples																			
LOCATION			SS-1A			SS-1B		SS-2A		SS-2B		SS-3A		SS-3B		SS-4A		SS-4B	
SAMPLING DATE			6/4/2018			6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018	
SAMPLE TYPE			SOIL			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)			0-2			2-12		0-2		2-12		0-2		2-12		0-2		2-12	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	
Chlorinated Herbicides by GC																			
General Chemistry																			
Solids, Total				90	90.7	83.1	87.2	91.1	91.1	86.1	86.7								
Cyanide, Total			27	27	1.1 U	1 U	1.2 U	1.1 U	1.1 U	1 U	0.24 J	1.1 U							
Chromium, Hexavalent			110	1	0.889 U	0.882 U	0.289 J	0.917 U	0.878 U	0.878 U	0.546 J	3.96							
Polychlorinated Biphenyls by GC																			
Aroclor 1254			1	0.1	0.201		0.0063 J	0.0209 J	0.00518 J	0.558		0.264		1.24		1.4			
PCBs, Total			1	0.1	0.201		0.0063 J	0.0209 J	0.00518 J	0.558		0.264		1.24		1.4			

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

Table IV: Parameters Detected in Surface Soil Samples (continued)

LOCATION			SS-1A		SS-1B		SS-2A		SS-2B		SS-3A		SS-3B		SS-4A		SS-4B	
SAMPLING DATE			6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)			0-2		2-12		0-2		2-12		0-2		2-12		0-2		2-12	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Semivolatile Organics by GC/MS																		
Acenaphthene	100	20	0.022	J	0.085	J	0.1	J	0.4		0.7		0.47		0.3		0.62	
Fluoranthene	100	100	1.3		3.7		3.8		4.3		11	D	6.1		3.8		6.8	
Naphthalene	100	12	0.18	U	0.081	J	0.046	J	0.27		0.22		0.25		0.17	J	0.19	
Bis(2-ethylhexyl)phthalate			0.12	J	0.65		0.2	U	0.19	U	0.088	J	0.18	U	0.26		0.44	
Di-n-butylphthalate			0.18	U	0.18	U	0.2	U	0.19	U	0.18	U	0.18	U	0.054	J	0.12	J
Benzo(a)anthracene	1	1	0.85		3.9		2		1.7		5.5		2.8		1.8		3.4	
Benzo(a)pyrene	1	1	0.71		4.5		1.7		1.6		4.7		2.4		1.6		3.1	
Benzo(b)fluoranthene	1	1	1.4		8.5	D	2.2		2.3		6		3.1		2		4.2	
Benzo(k)fluoranthene	3.9	0.8	0.32		1.7		0.79		0.5		1.8		0.94		0.76		1.1	
Chrysene	3.9	1	0.82		4.3		1.9		1.9		4.7		2.6		1.8		3.7	
Acenaphthylene	100	100	0.2		1.4		0.28		0.19		0.42		0.26		0.29		0.3	
Anthracene	100	100	0.22		1.2		0.62		0.76		2.1		1.3		0.65		1.1	
Benzo(ghi)perylene	100	100	0.61		3.6		0.98		1		2.6		1.5		1.1		1.9	
Fluorene	100	30	0.025	J	0.094	J	0.095	J	0.34		0.71		0.41		0.27		0.39	
Phenanthrene	100	100	0.62		1.8		2.2		4.2		8.8	D	5.3		3.1		5.4	
Dibenzo(a,h)anthracene	0.33	0.33	0.19		1.2		0.3		0.28		0.77		0.39		0.28		0.56	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.72		4.5		1.1		1.1		3		1.6		1.2		2.1	
Pyrene	100	100	1.3		4.2		3.5		3.8		9.7	D	5.4		3.6		6.4	
Biphenyl			0.41	U	0.41	U	0.45	U	0.048	J	0.073	J	0.046	J	0.43	U	0.045	J
Dibenzofuran	59	7	0.05	J	0.21		0.074	J	0.4		0.62		0.38		0.22		0.35	
2-Methylnaphthalene			0.22	U	0.081	J	0.23	U	0.15	J	0.14	J	0.12	J	0.095	J	0.13	J
Acetophenone			0.18	U	0.18	U	0.2	U	0.19	U	0.18	U	0.18	U	0.052	J	0.19	U
2,4-Dimethylphenol			0.18	U	0.18	U	0.2	U	0.19	U	0.18	U	0.18	U	0.19	U	0.19	U
Pentachlorophenol	6.7	0.8	0.14	U	0.14	U	0.16	U	0.15	U	0.14	U	0.14	U	0.054	J	0.15	U
Phenol	100	0.33	0.18	U	0.18	U	0.2	U	0.19	U	0.18	U	0.18	U	0.19	U	0.19	U
2-Methylphenol	100	0.33	0.18	U	0.18	U	0.2	U	0.19	U	0.18	U	0.18	U	0.19	U	0.19	U
3-Methylphenol/4-Methylphenol	100	0.33	0.26	U	0.049	J	0.28	U	0.27	U	0.028	J	0.26	U	0.27	U	0.27	U
Carbazole			0.055	J	0.2		0.16	J	0.47		0.73		0.55		0.3		0.42	

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

D=concentration of analyte was quantified from diluted analysis.

Table IV: Parameters Detected in Surface Soil Samples (continued)

LOCATION			SS-1A		SS-1B		SS-2A		SS-2B		SS-3A		SS-3B		SS-4A		SS-4B	
SAMPLING DATE			6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)			0-2		2-12		0-2		2-12		0-2		2-12		0-2		2-12	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals																		
Aluminum, Total			6260		10200		8980		10700		4680		5720		5710		5130	
Antimony, Total			4.17	U	0.606	J	4.76	U	4.51	U	0.367	J	0.679	J	1.4	J	0.875	J
Arsenic, Total	16	13	4.1		8.52		3.29		3.76		4.46		4.53		5.83		5.17	
Barium, Total	400	350	193		94.2		51.4		107		234		72.1		249		225	
Beryllium, Total	72	7.2	0.367	J	0.346	J	0.276	J	0.388	J	0.254	J	0.318	J	0.208	J	0.207	J
Cadmium, Total	4.3	2.5	0.467	J	0.865	U	0.951	U	0.902	U	0.875	U	0.559	J	0.907	U	0.902	U
Calcium, Total			2730		1720		1970		1530		3290		1800		30300		15500	
Chromium, Total			13.2		28.4		27.3		24.1		11.7		12.5		23		15.2	
Cobalt, Total			5.83		7.8		9.4		8.94		4.62		10.4		5.05		4.71	
Copper, Total	270	50	93.1		30.5		28.4		20.6		28.6		21.6		69.3		43	
Iron, Total			16500		17300		18600		16600		16000		15300		14200		12500	
Lead, Total	400	63	564		77		58.5		43.2		260		120		602		443	
Magnesium, Total			1800		2260		2480		2320		1450		1720		5560		2120	
Manganese, Total	2000	1600	327		432		341		438		315		548		242		226	
Mercury, Total	0.81	0.18	2.29		0.604		0.366		1.1		1.14		0.609		2.15		2.23	
Nickel, Total	310	30	11.2		13.3		14.1		12.7		10.9		11.6		9.96		9.15	
Potassium, Total			744		1250		1390		1340		666		752		1080		1030	
Selenium, Total	180	3.9	1.67	U	0.407	J	0.409	J	1.8	U	0.56	J	1.72	U	0.771	J	0.586	J
Silver, Total	180	2	0.834	U	0.865	U	0.951	U	0.902	U	0.875	U	0.86	U	0.326	J	0.902	U
Sodium, Total			55.9	J	64.4	J	63.6	J	66.6	J	77.4	J	161	J	250		196	
Thallium, Total			1.67	U	1.73	U	1.9	U	1.8	U	1.75	U	1.72	U	1.81	U	1.8	U
Vanadium, Total			22.6		32.6		28.8		34.4		20.5		33.9		20		19	
Zinc, Total	10000	109	94.5		68.8		51.8		46.5		158		155		337		236	

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

Table IV: Parameters Detected in Surface Soil Samples (continued)

LOCATION			SS-1A		SS-1B		SS-2A		SS-2B		SS-3A		SS-3B		SS-4A		SS-4B	
SAMPLING DATE			6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018		6/4/2018	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)			0-2		2-12		0-2		2-12		0-2		2-12		0-2		2-12	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Volatile Organics by 8260/5035																		
1,1-Dichloroethane	26	0.27	0.0019	U	0.084	U	0.003	U	0.21	U	0.16	U	0.11	U	0.13	U	0.0028	U
Tetrachloroethene	19	1.3	0.0012	J	5.4		0.017		6.4		2.4		2.8		1.1		0.0042	
1,2-Dichloroethane	3.1	0.02	0.0013	U	0.056	U	0.002	U	0.71		0.11	U	0.075	U	0.084	U	0.0019	U
1,1,1-Trichloroethane	100	0.68	0.0013	U	0.047	J	0.002	U	0.1	J	0.072	J	0.13		0.079	J	0.0019	U
Toluene	100	0.7	0.00042	J	0.11		0.003	U	0.042	J	0.16	U	0.015	J	0.039	J	0.00088	J
Ethylbenzene	41	1	0.0013	U	0.029	J	0.002	U	0.14	U	0.11	U	0.075	U	0.084	U	0.0019	U
Vinyl chloride	0.9	0.02	0.0026	U	0.11	U	0.004	U	0.28	U	0.22	U	0.15	U	0.17	U	0.0037	U
1,1-Dichloroethene	100	0.33	0.0013	U	0.056	U	0.002	U	0.14	U	0.11	U	0.075	U	0.084	U	0.0019	U
trans-1,2-Dichloroethene	100	0.19	0.0019	U	0.084	U	0.003	U	0.21	U	0.16	U	0.11	U	0.13	U	0.0028	U
Trichloroethene	21	0.47	0.0013	U	0.71		0.0086		16		0.53		1.3		0.41		0.0022	
p/m-Xylene			0.0026	U	0.14		0.004	U	0.28	U	0.22	U	0.15	U	0.062	J	0.0037	U
o-Xylene			0.0026	U	0.054	J	0.004	U	0.28	U	0.22	U	0.15	U	0.044	J	0.0037	U
Xylenes, Total	100	0.26	0.0026	U	0.19	J	0.004	U	0.28	U	0.22	U	0.15	U	0.11	J	0.0037	U
cis-1,2-Dichloroethene	100	0.25	0.0013	U	0.26		0.0011	J	0.56		0.11	U	0.041	J	0.034	J	0.0019	U
1,2-Dichloroethene, Total			0.0013	U	0.26		0.0011	J	0.56		0.11	U	0.041	J	0.034	J	0.0019	U
Acetone	100	0.05	0.013	U	0.56	U	0.02	U	1.4	U	1.1	U	0.75	U	0.84	U	0.019	U
Carbon disulfide			0.013	U	0.56	U	0.02	U	1.4	U	1.1	U	0.75	U	0.84	U	0.019	U
2-Butanone	100	0.12	0.013	U	0.56	U	0.02	U	1.4	U	1.1	U	0.75	U	0.84	U	0.019	U
4-Methyl-2-pentanone			0.013	U	0.16	J	0.02	U	1.4	U	1.1	U	0.75	U	0.84	U	0.019	U
n-Butylbenzene	100	12	0.0013	U	0.056	U	0.002	U	0.14	U	0.11	U	0.075	U	0.084	U	0.0019	U
sec-Butylbenzene	100	11	0.0013	U	0.056	U	0.002	U	0.14	U	0.11	U	0.075	U	0.084	U	0.0019	U
Isopropylbenzene			0.0013	U	0.056	U	0.002	U	0.14	U	0.11	U	0.075	U	0.084	U	0.0019	U
p-Isopropyltoluene			0.0013	U	0.056	U	0.002	U	0.14	U	0.11	U	0.075	U	0.084	U	0.0019	U
Naphthalene	100	12	0.0064	U	0.026	J	0.01	U	0.04	J	0.03	J	0.35	J	0.17	J	0.0093	U
n-Propylbenzene	100	3.9	0.0013	U	0.056	U	0.002	U	0.14	U	0.11	U	0.075	U	0.084	U	0.0019	U
1,3,5-Trimethylbenzene	52	8.4	0.0064	U	0.027	J	0.01	U	0.69	U	0.55	U	0.38	U	0.018	J	0.0093	U
1,2,4-Trimethylbenzene	52	3.6	0.0064	U	0.032	J	0.01	U	0.69	U	0.55	U	0.38	U	0.017	J	0.0093	U
p-Ethyltoluene			0.0052	U	0.034	J	0.008	U	0.55	U	0.44	U	0.3	U	0.34	U	0.0074	U
1,2,4,5-Tetramethylbenzene			0.0052	U	0.011	J	0.008	U	0.55	U	0.44	U	0.3	U	0.34	U	0.0074	U

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

4.0 SOIL BORINGS AND SUBSURFACE SOIL SAMPLING

To assess soil quality beneath the Site, soil borings were advanced at eight (8) locations (see Figure 4.0). Using a direct push rig, soil samples at each boring were collected continuously from ground surface to a depth of 20 feet bgs. Upon retrieval, each sample sleeve was opened and the soil within was screened for VOCs using a PID. The “worst-case” interval, based on PID readings or other indications of contamination (staining, odors, etc.) was submitted for laboratory analysis. If no significant PID readings or other indications of potential contamination were identified, the sample from 4 to 6 feet below ground surface was submitted for laboratory analysis. In addition, the sample from the 2-foot interval immediately above the water table in each boring was submitted for laboratory analysis. Please refer to Appendix D for soil boring logs.

Samples to be analyzed for VOCs were collected using Method 5035 and EnCore samplers. Samples for analysis of the remaining parameters were collected using dedicated disposable sampling equipment (*e.g.*, plastic spoons or scoops). Sampled material was transferred directly into laboratory-supplied containers, which were immediately placed into an iced cooler for delivery by laboratory courier to Alpha under chain of custody procedures.

In accordance with the Waste Management Plan in the Work Plan, soil samples and drill cuttings were screened for evidence of contamination. After completion of sampling at each location not to be a permanent monitoring well, the boring was backfilled with excess soil, in reverse order (*i.e.*, last out, first in), and/or clean sand.

4.1 LABORATORY ANALYSIS –SUBSURFACE SOIL

The subsurface soil samples were analyzed for 6 NYCRR Part 375 VOCs, SVOCs, pesticides, herbicides, PCBs, metals, hexavalent chromium, and cyanide. Parameters detected in the surface soil samples are summarized in Table V. The laboratory data package is included in Appendix C.

Laboratory analysis of the samples showed the following:

- The pesticide 4,4'-DDE was detected in SB-1A at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs. Additionally, the pesticide 4,4' DDD was detected in SB-3A and SB-5A at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs.
- The PCB Aroclor 1254 was detected in SB-5A at concentrations exceeding the 6 NYCRR Part 375 Restricted Residential Use SCOs.
- Several SVOCs were detected in SB-1A, SB-3A, and SB-5A at concentrations exceeding the 6 NYCRR Part 375 Restricted Residential Use SCOs.
- The metal Zinc was detected in SB-1B at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs. Additionally, metals were detected in SB-1A, SB-3A, and SB-5A at concentrations exceeding the 6 NYCRR Part 375 Restricted Residential Use SCOs.

- VOCs were detected in SB-1A, SB-3A, SB-8A, and SB-8B at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use SCOs. Additionally the VOC Tetrachloroethene was detected in SB-5A at concentrations exceeding the 6 NYCRR Part 375 Restricted Residential Use SCOs.

The subsurface soil sample results that exceeded the 6 NYCRR Part 375 Unrestricted Use SCOs are summarized on Figure 6.0.

Table V: Parameters Detected in Subsurface Soil Samples, SB-1 through SB-4

LOCATION				SB-1A		SB-1B		SB-2A		SB-2B		SB-3A		SB-3B		SB-4A		SB-4B		
SAMPLING DATE				6/4/2018		6/4/2018		6/5/2018		6/5/2018		6/5/2018		6/5/2018		6/4/2018		6/4/2018		
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMPLE DEPTH (ft.)				1-3		12-14		4-6		13-15		1-3		11-13		5-7		13-15		
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Chlorinated Herbicides by GC																				
General Chemistry																				
Solids, Total			91.9		87.4		91.4		91.3		86.5		91.7		80.6		89.4			
Cyanide, Total	27	27	1.1	U	1.1	U	1	U	1	U	1.1	U	1.1	U	1.2	U	1.1	U		
Chromium, Hexavalent	110	1	0.326	J	0.915	U	0.875	U	0.876	U	0.925	U	0.872	U	0.992	U	0.895	U		
Organochlorine Pesticides by GC																				
4,4'-DDE	8.9	0.0033	0.0107	P	0.00173	U	0.00174	U	0.00166	U	0.00086	JPI	0.00172	U	0.00195	U	0.0017	U		
4,4'-DDD	13	0.0033	0.00823	U	0.00173	U	0.00174	U	0.00166	U	0.00423		0.00172	U	0.00195	U	0.0017	U		
Polychlorinated Biphenyls by GC																				
Aroclor 1254	1	0.1	0.0357	U	0.0364	U	0.036	U	0.0357	U	0.0372	U	0.00338	J	0.0402	U	0.0358	U		
PCBs, Total	1	0.1	0.0357	U	0.0364	U	0.036	U	0.0357	U	0.0372	U	0.00338	J	0.0402	U	0.0358	U		

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

P=the relative percent difference (RPD) between the results for the two columns exceeds the method-specific criteria

I=the lower value for the two columns has been reported due to obvious interference

Table V: Parameters Detected in Subsurface Soil Samples, SB-5 through SB-8 (continued)

LOCATION				SB-5A		SB-5B		SB-6A		SB-6B		SB-7A		SB-7B		SB-8A		SB-8B				
SAMPLING DATE				6/5/2018		6/5/2018		6/5/2018		6/5/2018		6/4/2018		6/4/2018		6/5/2018		6/5/2018				
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
SAMPLE DEPTH (ft.)				2-4		12-14		4-6		13-15		4-6		12-14		8-10		13-15				
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q				
Chlorinated Herbicides by GC																						
General Chemistry																						
Solids, Total				78.6		90.7		90.2		90.7		86.5		84.2		91.8		89.1				
Cyanide, Total				27		27	1	J	1	U	1.1	U	1.1	U	1.1	U	1	U	1.1	U		
Chromium, Hexavalent				110		1	1.02	U	0.882	U	0.887	U	0.882	U	0.22	J	0.95	U	0.871	U	0.898	U
Organochlorine Pesticides by GC																						
4,4'-DDE				8.9		0.0033	0.0398	U	0.00166	U	0.00169	U	0.00173	U	0.00185	U	0.00188	U	0.00168	U	0.0857	U
4,4'-DDD				13		0.0033	0.018	JPI	0.00166	U	0.00169	U	0.00173	U	0.00185	U	0.00188	U	0.00168	U	0.0857	U
Polychlorinated Biphenyls by GC																						
Aroclor 1254				1		0.1	1.82		0.0285	J	0.0151	J	0.0361	U	0.0383	U	0.0106	J	0.035	U	0.0371	U
PCBs, Total				1		0.1	1.82		0.0285	J	0.0151	J	0.0361	U	0.0383	U	0.0106	J	0.035	U	0.0371	

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

P=the relative percent difference (RPD) between the results for the two columns exceeds the method-specific criteria

I=the lower value for the two columns has been reported due to obvious interference

Table V: Parameters Detected in Subsurface Soil Samples, SB-1 through SB-4 (continued)

LOCATION				SB-1A		SB-1B		SB-2A		SB-2B		SB-3A		SB-3B		SB-4A		SB-4B	
SAMPLING DATE				6/4/2018		6/4/2018		6/5/2018		6/5/2018		6/5/2018		6/5/2018		6/4/2018		6/4/2018	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				1-3		12-14		4-6		13-15		1-3		11-13		5-7		13-15	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	
Semivolatile Organics by GC/MS																			
Acenaphthene	100	20	41		0.1	J	0.14	U	0.14	U	2.7		0.14	U	0.16	U	0.15	U	
Fluoranthene	100	100	190	D	0.5		0.28		0.11	U	22	D	0.11	U	0.049	J	0.11	U	
Naphthalene	100	12	80	D	0.19		0.026	J	0.18	U	1.5		0.18	U	0.2	U	0.19	U	
Bis(2-ethylhexyl)phthalate			1.8	U	0.19	U	0.18	U	0.18	U	0.19	U	0.18	U	0.2	U	0.19	U	
Di-n-butylphthalate			1.8	U	0.19	U	0.18	U	0.18	U	0.19	U	0.18	U	0.2	U	0.19	U	
Benzo(a)anthracene	1	1	70		0.19		0.14		0.11	U	9.1	D	0.11	U	0.038	J	0.11	U	
Benzo(a)pyrene	1	1	53		0.16		0.12	J	0.14	U	7.3		0.14	U	0.16	U	0.15	U	
Benzo(b)fluoranthene	1	1	64		0.2		0.16		0.11	U	10	D	0.11	U	0.041	J	0.11	U	
Benzo(k)fluoranthene	3.9	0.8	24		0.072	J	0.056	J	0.11	U	2.8		0.11	U	0.12	U	0.11	U	
Chrysene	3.9	1	63		0.17		0.12		0.11	U	8.5	D	0.11	U	0.029	J	0.11	U	
Acenaphthylene	100	100	1.4		0.15	U	0.04	J	0.14	U	0.74		0.14	U	0.16	U	0.15	U	
Anthracene	100	100	70		0.16		0.041	J	0.11	U	4.8		0.11	U	0.12	U	0.11	U	
Benzo(ghi)perylene	100	100	28		0.086	J	0.068	J	0.14	U	3.8		0.14	U	0.16	U	0.15	U	
Fluorene	100	30	27		0.061	J	0.18	U	0.18	U	2.4		0.18	U	0.2	U	0.19	U	
Phenanthrene	100	100	290	D	0.71		0.2		0.11	U	23	D	0.11	U	0.12	U	0.11	U	
Dibenzo(a,h)anthracene	0.33	0.33	7.7		0.025	J	0.11	U	0.11	U	1.2		0.11	U	0.12	U	0.11	U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	32		0.095	J	0.079	J	0.14	U	4.6		0.14	U	0.16	U	0.15	U	
Pyrene	100	100	150	D	0.41		0.24		0.11	U	18	D	0.11	U	0.043	J	0.11	U	
Biphenyl			7.9		0.43	U	0.41	U	0.41	U	0.32	J	0.41	U	0.47	U	0.42	U	
Dibenzofuran	59	7	44		0.12	J	0.018	J	0.18	U	2.4		0.18	U	0.2	U	0.19	U	
2-Methylnaphthalene			31		0.077	J	0.22	U	0.22	U	0.9		0.22	U	0.25	U	0.22	U	
Acetophenone			1.8	U	0.19	U	0.18	U	0.18	U	0.19	U	0.18	U	0.2	U	0.19	U	
2,4-Dimethylphenol			1.8	U	0.19	U	0.18	U	0.18	U	0.079	J	0.18	U	0.2	U	0.19	U	
Pentachlorophenol	6.7	0.8	1.4	U	0.15	U	0.14	U	0.14	U	0.15	U	0.14	U	0.16	U	0.15	U	
Phenol	100	0.33	0.53	J	0.19	U	0.18	U	0.18	U	0.082	J	0.18	U	0.2	U	0.19	U	
2-Methylphenol	100	0.33	0.34	J	0.19	U	0.18	U	0.18	U	0.042	J	0.18	U	0.2	U	0.19	U	
3-Methylphenol/4-Methylphenol	100	0.33	1.2	J	0.27	U	0.26	U	0.26	U	0.14	J	0.26	U	0.3	U	0.27	U	
Carbazole			27		0.073	J	0.18	U	0.18	U	2.8		0.18	U	0.2	U	0.19	U	

Notes:

All units are in mg/Kg

Yellow—exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue—exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

D=concentration of analyte was quantified from diluted analysis

Table V: Parameters Detected in Subsurface Soil Samples, SB-5 through SB-8 (continued)

LOCATION				SB-5A	SB-5B	SB-6A	SB-6B	SB-7A	SB-7B	SB-8A	SB-8B
SAMPLING DATE				6/5/2018	6/5/2018	6/5/2018	6/5/2018	6/4/2018	6/4/2018	6/5/2018	6/5/2018
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMPLE DEPTH (ft.)				2-4	12-14	4-6	13-15	4-6	12-14	8-10	13-15
	NY-RESRR	NY-UNRES	Result s Q	Result s Q	Result s Q	Result s Q	Result s Q	Result s Q	Result s Q	Result s Q	Result s Q
Semivolatile Organics by GC/MS											
Acenaphthene	100	20	84		0.16	0.14 U	0.15 U	0.15 U	0.16 U	0.14 U	0.14 U
Fluoranthene	100	100	720 D	1.4	0.038 J	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U
Naphthalene	100	12	300	0.63	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U
Bis(2-ethylhexyl)phthalate			10 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U
Di-n-butylphthalate			10 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U
Benzo(a)anthracene	1	1	260	0.62	0.022 J	0.11 U	0.11 U	0.022 J	0.11 U	0.11 U	0.11 U
Benzo(a)pyrene	1	1	230	0.56	0.14 U	0.15 U	0.15 U	0.057 J	0.14 U	0.14 U	0.14 U
Benzo(b)fluoranthene	1	1	280	0.68	0.03 J	0.11 U	0.11 U	0.061 J	0.11 U	0.11 U	0.11 U
Benzo(k)fluoranthene	3.9	0.8	100	0.21	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U
Chrysene	3.9	1	240	0.58	0.019 J	0.11 U	0.11 U	0.025 J	0.11 U	0.11 U	0.11 U
Acenaphthylene	100	100	130	0.24	0.14 U	0.15 U	0.15 U	0.16 U	0.14 U	0.14 U	0.14 U
Anthracene	100	100	160	0.38	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U
Benzo(ghi)perylene	100	100	120	0.31	0.072 J	0.15 U	0.15 U	0.09 J	0.14 U	0.14 U	0.14 U
Fluorene	100	30	160	0.32	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
Phenanthrene	100	100	800 D	1.6	0.032 J	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.022 J
Dibenzo(a,h)anthracene	0.33	0.33	37	0.092 J	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U
Indeno(1,2,3-cd)pyrene	0.5	0.5	140	0.35	0.034 J	0.15 U	0.15 U	0.079 J	0.14 U	0.14 U	0.14 U
Pyrene	100	100	590 D	1.2	0.034 J	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U
Biphenyl			22 J	0.41 U	0.41 U	0.42 U	0.43 U	0.44 U	0.41 U	0.42 U	0.42 U
Dibenzofuran	59	7	100	0.21	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2-Methylnaphthalene			89	0.17 J	0.22 U	0.22 U	0.23 U	0.23 U	0.22 U	0.22 U	0.22 U
Acetophenone			10 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2,4-Dimethylphenol			18	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
Pentachlorophenol	6.7	0.8	8.4 U	0.14 U	0.14 U	0.15 U	0.15 U	0.16 U	0.14 U	0.14 U	0.14 U
Phenol	100	0.33	31	0.059 J	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2-Methylphenol	100	0.33	16	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
3-Methylphenol/4-Methylphenol	100	0.33	44	0.071 J	0.26 U	0.26 U	0.27 U	0.28 U	0.26 U	0.26 U	0.26 U
Carbazole			91	0.2	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

D=concentration of analyte was quantified from diluted analysis

Table V: Parameters Detected in Subsurface Soil Samples, SB-1 through SB-4 (continued)

LOCATION			SB-1A		SB-1B		SB-2A		SB-2B		SB-3A		SB-3B		SB-4A		SB-4B	
SAMPLING DATE			6/4/2018		6/4/2018		6/5/2018		6/5/2018		6/5/2018		6/5/2018		6/4/2018		6/4/2018	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)			1-3		12-14		4-6		13-15		1-3		11-13		5-7		13-15	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Total Metals																		
Aluminum, Total			5870		3020		5710		3130		6850		5370		12500		6720	
Antimony, Total			0.55	J	4.52	U	4.12	U	4.3	U	0.582	J	4.24	U	4.78	U	4.32	U
Arsenic, Total	16	13	3.69		2.35		1.1		2.56		4.82		2.11		2.21		1.82	
Barium, Total	400	350	61.5		25.8		30.9		21		97.5		42.2		58.4		45.9	
Beryllium, Total	72	7.2	0.305	J	0.443	J	0.445		0.215	J	0.373	J	0.356	J	0.516		0.311	J
Cadmium, Total	4.3	2.5	0.643	J	0.271	J	0.503	J	0.258	J	0.512	J	0.441	J	0.545	J	0.441	J
Calcium, Total			17900		1360		506		2650		1700		963		971		967	
Chromium, Total			13.9		9.93		13.1		30.5		16.9		14		24.5		20.5	
Cobalt, Total			5.22		4.94		5		3.34		5.59		7.68		10.6		7.11	
Copper, Total	270	50	53.5		18.1		11.4		12.6		33.5		16.3		21.9		18.9	
Iron, Total			16400		10200		20900		11200		15200		17600		22900		18400	
Lead, Total	400	63	127		26.1		4.34		3.82	J	180		6.01		7.55		5.47	
Magnesium, Total			3730		1390		2220		1590		1900		1810		3550		2690	
Manganese, Total	2000	1600	287		276		574		180		508		653		616		297	
Mercury, Total	0.81	0.18	2.28		0.072	U	0.042	J	0.069	U	1.25		0.069	U	0.08	U	0.022	J
Nickel, Total	310	30	11.9		8.04		11.5		8.01		10.5		12.1		16		13.8	
Potassium, Total			832		592		880		687		747		1280		1940		1490	
Selenium, Total	180	3.9	1.69	U	1.81	U	1.65	U	1.72	U	1.74	U	1.69	U	1.91	U	1.73	U
Silver, Total	180	2	0.846	U	0.904	U	0.824	U	0.86	U	0.868	U	0.847	U	0.956	U	0.864	U
Sodium, Total			142	J	101	J	90.4	J	115	J	67.3	J	88.5	J	71.9	J	96.6	J
Thallium, Total			1.69	U	1.81	U	1.65	U	1.72	U	1.74	U	1.69	U	1.91	U	1.73	U
Vanadium, Total			18.1		14.8		18.6		13.9		20.4		24.8		36.8		25.1	
Zinc, Total	10000	109	103		123		40.1		16.6		88		33		45.9		26	

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

Table V: Parameters Detected in Subsurface Soil Samples, SB-5 through SB-8 (continued)

SB-5A				SB-5B		SB-6A		SB-6B		SB-7A		SB-7B		SB-8A		SB-8B	
SAMPLING DATE				6/5/2018		6/5/2018		6/5/2018		6/5/2018		6/4/2018		6/4/2018		6/5/2018	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				2-4		12-14		4-6		13-15		4-6		12-14		8-10	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	
Total Metals																	
Aluminum, Total			4260		6280		4480		3880		7590		4840		6220		
Antimony, Total			2.2	J	4.39	U	4.22	U	4.21	U	4.44	U	4.57	U	4.28	U	
Arsenic, Total	16	13	8.97		1.84		2.31		1.76		1.77		1.67		1.76		
Barium, Total	400	350	992		45.1		23.6		26.3		38.2		47.4		55		
Beryllium, Total	72	7.2	0.208	J	0.386	J	0.27	J	0.236	J	0.346	J	0.284	J	0.394	J	
Cadmium, Total	4.3	2.5	1.44		0.492	J	0.396	J	0.312	J	0.418	J	0.32	J	0.428	J	
Calcium, Total			13600		2000		1640		628		654		1040		357		
Chromium, Total			38.1		17.8		12.2		11.7		18		13.7		13		
Cobalt, Total			4.38		7.65		4.45		4.49		7.49		6.38		6.43		
Copper, Total	270	50	107		17.2		12.9		12.6		14.3		21.9		15.7		
Iron, Total			12200		20400		14400		13200		17500		12500		18200		
Lead, Total	400	63	1040		8.07		15.1		3.22	J	6.06		7.67		5.42		
Magnesium, Total			2370		2070		1780		1420		2090		2250		1650		
Manganese, Total	2000	1600	158		330		171		207		401		224		198		
Mercury, Total	0.81	0.18	2.06		0.02	J	0.141		0.069	U	0.023	J	0.018	J	0.068	U	
Nickel, Total	310	30	13.4		11.6		9.93		8.87		13.4		12.8		10.3		
Potassium, Total			482		1310		626		534		1310		1580		1170		
Selenium, Total	180	3.9	1.99	U	1.76	U	1.69	U	1.68	U	1.78	U	1.83	U	1.71	U	
Silver, Total	180	2	0.467	J	0.878	U	0.844	U	0.842	U	0.889	U	0.915	U	0.856	U	
Sodium, Total			148	J	79.8	J	132	J	97.8	J	81.5	J	124	J	61.2	J	
Thallium, Total			1.99	U	1.76	U	1.69	U	1.68	U	1.78	U	1.83	U	1.71	U	
Vanadium, Total			22.1		28.8		15.9		17.4		26		23		23.8		
Zinc, Total	10000	109	1020		36.1		38.7		16.1		28.3		26		30.4		

Notes:

All units are in mg/Kg

Yellow—exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue—exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

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U=analyte was not detected at the reported detection limit for the sample

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Table V: Parameters Detected in Subsurface Soil Samples, SB-1 through SB-4 (continued)

LOCATION			SB-1A		SB-1B		SB-2A		SB-2B		SB-3A		SB-3B		SB-4A		SB-4B	
SAMPLING DATE			6/4/2018		6/4/2018		6/5/2018		6/5/2018		6/5/2018		6/5/2018		6/4/2018		6/4/2018	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)			1-3		12-14		4-6		13-15		1-3		11-13		5-7		13-15	
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Volatile Organics by 8260/5035																		
Methylene chloride	100	0.05	1.3	U	0.024	U	0.014	U	0.014	U	0.95	U	0.019	U	0.013	U	0.022	U
1,1-Dichloroethane	26	0.27	0.19	U	0.0036	U	0.002	U	0.0021	U	0.14	U	0.0028	U	0.0019	U	0.0034	U
Chloroform	49	0.37	0.19	U	0.0036	U	0.002	U	0.0021	U	0.14	U	0.0028	U	0.0019	U	0.0034	U
Carbon tetrachloride	2.4	0.76	0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
1,2-Dichloropropane			0.45	U	0.0083	U	0.0048	U	0.0049	U	0.33	U	0.0066	U	0.0044	U	0.0078	U
Dibromochloromethane			0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
1,1,2-Trichloroethane			0.19	U	0.0036	U	0.002	U	0.0021	U	0.14	U	0.0028	U	0.0019	U	0.0034	U
Tetrachloroethene	19	1.3	8.5		0.0024	U	0.0013	J	0.0067		2.5		0.0079		0.0025		0.045	
Chlorobenzene	100	1.1	0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
Trichlorofluoromethane			0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U
1,2-Dichloroethane	3.1	0.02	0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
1,1,1-Trichloroethane	100	0.68	0.048	J	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
Bromodichloromethane			0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
trans-1,3-Dichloropropene			0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
cis-1,3-Dichloropropene			0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
1,3-Dichloropropene, Total			0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
1,1-Dichloropropene			0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U
Bromoform			0.51	U	0.0095	U	0.0055	U	0.0056	U	0.38	U	0.0075	U	0.0051	U	0.0089	U
1,1,2,2-Tetrachloroethane			0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
Benzene	4.8	0.06	0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
Toluene	100	0.7	0.19	U	0.0036	U	0.00035	J	0.0021	U	0.14	U	0.00049	J	0.00028	J	0.00051	J
Ethylbenzene	41	1	0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
Chloromethane			0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U
Bromomethane			0.26	U	0.0048	U	0.0027	U	0.0028	U	0.19	U	0.0038	U	0.0025	U	0.0045	U
Chloroethane			0.26	U	0.0048	U	0.0027	U	0.0028	U	0.19	U	0.0038	U	0.0025	U	0.0045	U
1,4-Dichlorobenzene	13	1.8	0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U
o-Xylene			0.26	U	0.0048	U	0.0027	U	0.0028	U	0.19	U	0.0038	U	0.0025	U	0.0045	U
Xylenes, Total	100	0.26	0.26	U	0.0048	U	0.0027	U	0.0028	U	0.19	U	0.0038	U	0.0025	U	0.0045	U
Vinyl acetate			1.3	U	0.024	U	0.014	U	0.014	U	0.95	U	0.019	U	0.013	U	0.022	U
4-Methyl-2-pentanone			1.3	U	0.024	U	0.014	U	0.014	U	0.95	U	0.019	U	0.013	U	0.022	U
Hexachlorobutadiene			0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U
Isopropylbenzene			0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
n-Propylbenzene	100	3.9	0.13	U	0.0024	U	0.0014	U	0.0014	U	0.095	U	0.0019	U	0.0013	U	0.0022	U
1,2,3-Trichlorobenzene			0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U
1,2,4-Trichlorobenzene			0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U
1,2,4-Trimethylbenzene	52	3.6	0.64	U	0.012	U	0.0068	U	0.007	U	0.48	U	0.0094	U	0.0063	U	0.011	U

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

Table V: Parameters Detected in Subsurface Soil Samples, SB-5 through SB-8 (continued)

LOCATION				SB-5A		SB-5B		SB-6A		SB-6B		SB-7A		SB-7B		SB-8A		SB-8B		
SAMPLING DATE				6/5/2018		6/5/2018		6/5/2018		6/5/2018		6/4/2018		6/4/2018		6/5/2018		6/5/2018		
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMPLE DEPTH (ft.)				2-4		12-14		4-6		13-15		4-6		12-14		8-10		13-15		
	NY-RESRR	NY-UNRES	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Volatile Organics by 8260/5035																				
Methylene chloride	100	0.05	7.3	U	0.012	U	0.013	U	0.013	U	0.012	U	0.013	U	0.018	U	0.015	U		
1,1-Dichloroethane	26	0.27	1.1	U	0.0019	U	0.0019	U	0.002	U	0.00041	J	0.00058	J	0.0013	J	0.016			
Chloroform	49	0.37	1.1	U	0.0019	U	0.0019	U	0.002	U	0.0018	U	0.002	U	0.0027	U	0.0023	U		
Carbon tetrachloride	2.4	0.76	0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
1,2-Dichloropropane			2.6	U	0.0044	U	0.0045	U	0.0047	U	0.0041	U	0.0046	U	0.0064	U	0.0053	U		
Dibromochloromethane			0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
1,1,2-Trichloroethane			1.1	U	0.0019	U	0.0019	U	0.002	U	0.0018	U	0.002	U	0.0027	U	0.0023	U		
Tetrachloroethene	19	1.3	99		0.0029		0.0012	J	0.0084		0.034		0.11		0.001	J	0.0015	U		
Chlorobenzene	100	1.1	0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
Trichlorofluoromethane			3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
1,2-Dichloroethane	3.1	0.02	0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
1,1,1-Trichloroethane	100	0.68	3		0.0012	U	0.0013	U	0.0013	U	0.006		0.0047		0.0073		0.19			
Bromodichloromethane			0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
trans-1,3-Dichloropropene			0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
cis-1,3-Dichloropropene			0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
1,3-Dichloropropene, Total			0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
1,1-Dichloropropene			3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
Bromoform			2.9	U	0.005	U	0.0052	U	0.0054	U	0.0047	U	0.0053	U	0.0073	U	0.0061	U		
1,1,2,2-Tetrachloroethane			0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
Benzene	4.8	0.06	0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0015	U		
Toluene	100	0.7	1.1	U	0.0019	U	0.0019	U	0.002	U	0.0018	U	0.002	U	0.00052	J	0.0021	J		
Ethylbenzene	41	1	0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0026			
Chloromethane			3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
Bromomethane			1.5	U	0.0025	U	0.0026	U	0.0027	U	0.0024	U	0.0026	U	0.0036	U	0.003	U		
Chloroethane			1.5	U	0.0025	U	0.0026	U	0.0027	U	0.0024	U	0.0026	U	0.0036	U	0.003	U		
1,4-Dichlorobenzene	13	1.8	3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
o-Xylene			1.5	U	0.0025	U	0.0026	U	0.0027	U	0.0024	U	0.0026	U	0.0036	U	0.0023	J		
Xylenes, Total	100	0.26	1.5	U	0.0025	U	0.0026	U	0.0027	U	0.0024	U	0.0026	U	0.0036	U	0.0037	J		
Vinyl acetate			7.3	U	0.012	U	0.013	U	0.013	U	0.012	U	0.013	U	0.018	U	0.015	U		
4-Methyl-2-pentanone			7.3	U	0.012	U	0.013	U	0.013	U	0.012	U	0.013	U	0.018	U	0.015	U		
1,2-Dibromo-3-chloropropane			3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
Hexachlorobutadiene			3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
Isopropylbenzene			0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.00086	J		
n-Propylbenzene	100	3.9	0.73	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0018	U	0.0034			
1,2,3-Trichlorobenzene			3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
1,2,4-Trichlorobenzene			3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.0076	U		
1,2,4-Trimethylbenzene	52	3.6	3.6	U	0.0063	U	0.0064	U	0.0067	U	0.0059	U	0.0066	U	0.0091	U	0.006	J		

Notes:

All units are in mg/Kg

Yellow=exceeds the 6 NYCRR Part 375 Unrestricted Use SCOs

Blue=exceeds the 6 NYCRR Part 375 Restricted Residential Use SCOs

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

4.2 STRATIGRAPHIC SUMMARY

Surface soils throughout the Site were generally coarse grained and well graded sands that are tan to brown in color. Areas characteristic of fill material (bricks, concrete pieces, etc.) were present at the surface of the Site, likely resulting from the recent demolition of a building in the southern portion of the Site. Shallow subsurface soils throughout the site were generally silt and fine grained, well sorted sand that are tan to brown in color. A clay layer with high plasticity was observed in the southern portion of the Site, at approximate depths of 5 to 10 feet bgs; this unit is underlain by a 1-foot thick, coarse grained poorly graded gravel layer, which is in turn underlain by coarse grained sand and clay unit to the terminal depths of the borings at 20 feet bgs.

Groundwater was identified within the sand and clay unit at approximate depths of 14 to 15 feet below ground surface. After drilling had been completed and the monitoring wells installed, groundwater was measured between 10 to 12 feet bgs in the wells, indicating that the groundwater at the Site is semi-confined.

5.0 PERMANENT MONITORING WELL INSTALLATION, SURVEYING, AND SAMPLING

To assess groundwater quality beneath the Site, permanent monitoring wells (MW-A, MW-B, and MW-C) were installed in three (3) of the soil borings (SB-1, SB-4, and SB-7, respectively). At these locations, after completion of soil sampling, a 10-foot section of 2-inch diameter PVC screen was installed across the water table, with at least five (5) feet of screen installed below the water table. An appropriately-sized filter pack of clean sand was placed around the screen and casing to at least three (3) feet above the top of the screen. A bentonite seal was placed above the filter pack. Each well was completed at ground surface with a locking cap and flush-mounted manhole set in concrete. Please refer to Appendix D for well construction diagrams.

Following installation, each well was developed using a peristaltic pump and dedicated non-Teflon tubing. Purge water was drummed for subsequent characterization and proper disposal.

The elevation of the top of each well was surveyed relative to a common, random datum. Depth to groundwater measurements were used in conjunction with the survey data to calculate groundwater elevations, which have been used to calculate groundwater elevation contours and determine the Site-specific groundwater flow direction (Figure 7.0). Groundwater was encountered in the borings at approximately 14 feet below ground surface (i.e., below the clayey zone), but was measured at a higher elevation in the monitoring wells, indicating that the clayey zone is acting to confine the groundwater beneath the Site. Groundwater flow beneath the Site was determined to flow in a northwesterly direction towards Wallabout Channel. See Table VI below for calculated groundwater elevations.

Table VI: Groundwater Elevation Data – June 5, 2018

Well	Measuring Point Elevation*	Depth to Water**	Groundwater Elevation*
MW-A	44.19	11.57	32.62
MW-B	44.96	11.70	33.26
MW-C	44.12	10.60	33.52

*Feet relative to a common, random datum

**Feet below measuring point

The wells MW-B and MW-C were allowed to equilibrate overnight before purging and sampling. The connection to the surrounding aquifer at MW-A was determined to be inadequate based on the inability to maintain a constant flow of water from the well during purging, and as a result, MW-A had to be re-installed, and was sampled immediately after development was completed. The wells were sampled using low-flow procedures with a peristaltic pump and dedicated non-Teflon tubing. Due to equipment failure, only turbidity measurements could be collected during well purging; these readings are summarized in Table VII.

Table VII: Measurements Collected During Groundwater Sampling

Monitoring Well #	MW-A			MW-B			MW-C		
Test Number	1	2	3	1	2	3	1	2	3
Date	6/4/18			6/4/18			6/4/18		
Depth To Water				11.95			10.6		
Depth To Bottom				19.8			19.3		
Total Water				7.85			8.7		
Turbidity	N/A	N/A	N/A	49.8	26.7	18.8	21.3	43.9	30
Monitoring Well #	MW-A			MW-B			MW-C		
Test Number	1	2	3	1	2	3	1	2	3
Date	6/5/18			6/5/18			6/5/18		
Depth To Water	11.57			11.695			10.6		
Depth To Bottom	20.245			19.695			19.275		
Total Water	8.675			8			8.675		
Turbidity	250			8.31	4.57	41.4	29.1	19.2	12.3

Sampled groundwater was transferred directly from the peristaltic pump tubing into laboratory-supplied containers, which were immediately placed into an iced cooler for delivery by laboratory courier to Alpha under chain of custody procedures.

In accordance with the Waste Management Plan in the Work Plan, development and purge water was containerized for subsequent characterization and proper disposal. Based on groundwater sample results, containerized water may be disposed on-Site or transported for off-Site disposal.

5.1 LABORATORY ANALYSIS – GROUNDWATER

The groundwater samples were analyzed for 6 NYCRR Part 375 VOCs, SVOCs, pesticides, herbicides, PCBs, metals (total and dissolved), hexavalent chromium, and cyanide. In addition, the sample from each well was also analyzed for 1,4-dioxane and PFAS/PFOA. Sampling for PFOA/PFAS was conducted using the NYSDEC procedures included in the Work Plan. Parameters detected in the groundwater samples are summarized in Table VIII. The laboratory data package is included in Appendix C.

Laboratory analysis of the samples showed the following:

- Several dissolved metals were detected in MW-A, MW-B, and MW-C at concentrations above the New York State Class GA Groundwater Guidance Values.
- The SVOCs Benzo(a)anthracene and Benzo(b)fluorathene were detected in MW-A and MW-C at concentrations above the New York State Class GA Groundwater Guidance Values.
- Several metals were detected in MW-A, MW-B, and MW-C at concentrations above the New York State Class GA Groundwater Guidance Values.
- Several VOCs were detected in MW-A, MW-B and MW-C at concentrations above the New York State Class GA Groundwater Guidance Values.

The groundwater sample results that exceeded the New York State Class GA groundwater standards and guidance values are summarized on Figure 8.0.

Table VIII: Parameters Detected in Groundwater Samples

LOCATION		MW-A		MW-B		MW-C	
SAMPLING DATE		6/5/2018		6/5/2018		6/5/2018	
LAB SAMPLE ID		L1820814-19		L1820814-20		L1820814-21	
SAMPLE TYPE		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)							
	NY-AWQS	Results	Q	Results	Q	Results	Q
1,4 Dioxane by 8270D-SIM							
1,4-Dioxane		0.144	U	2.34		17	
Chlorinated Herbicides by GC							
Dissolved Metals							
Aluminum, Dissolved		10	U	10	U	10	U
Antimony, Dissolved	3	4	U	3.75	J	4	U
Barium, Dissolved	1000	125.8		125.1		119.8	
Cadmium, Dissolved	5	0.14	J	0.42		0.15	J
Calcium, Dissolved		48200		95600		91900	
Chromium, Dissolved	50	1	U	1	U	0.22	J
Cobalt, Dissolved		3.55		7.18		3.44	
Copper, Dissolved	200	0.75	J	0.47	J	0.72	J
Iron, Dissolved	300	50	U	252		19.9	J
Magnesium, Dissolved	35000	9880		16500		22600	
Manganese, Dissolved	300	4710		7088		908.2	
Nickel, Dissolved	100	4.26		19.12		7.24	
Potassium, Dissolved		6750		8870		8560	
Selenium, Dissolved	10	5	U	5	U	4.26	J
Silver, Dissolved	50	0.4	U	0.3	J	0.4	U
Sodium, Dissolved	20000	68700		33300		37200	
Zinc, Dissolved	2000	3.78	J	41.18		10	U
General Chemistry							
Cyanide, Total	200	5	U	2	J	29	
Organochlorine Pesticides by GC							
Perfluorinated Alkyl Acids by Isotope Dilution							
Perfluorobutanoic Acid (PFBA)		0.00913		0.013		0.0152	
Perfluoropentanoic Acid (PFPeA)		0.012		0.0156		0.035	
Perfluorobutanesulfonic Acid (PFBS)		0.0025		0.00395		0.00573	
Perfluorohexanoic Acid (PFHxA)		0.00914		0.014		0.0253	
Perfluoroheptanoic Acid (PFHpA)		0.00574		0.0102		0.0169	
Perfluorohexanesulfonic Acid (PFHxS)		0.00181		0.00303		0.00392	
Perfluorooctanoic Acid (PFOA)		0.029		0.0579		0.0692	
Perfluoroheptanesulfonic Acid (PFHpS)		0.000725	J	0.000878	J	0.00185	U
Perfluorononanoic Acid (PFNA)		0.00215		0.00436		0.00462	
Perfluorooctanesulfonic Acid (PFOS)		0.0214		0.0444		0.0184	
Perfluorodecanoic Acid (PFDA)		0.00398		0.000846	J	0.00127	J
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NetFOSAA)		0.00116	J	0.00178	U	0.00185	U

Notes:

All units are in µg/L.

Yellow=exceeds the New York State Class GA Standards and Guidance Values

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

Table VIII: Parameters Detected in Groundwater Samples (continued)

LOCATION			MW-A	MW-B	MW-C
SAMPLING DATE			6/5/2018	6/5/2018	6/5/2018
LAB SAMPLE ID			L1820814-19	L1820814-20	L1820814-21
SAMPLE TYPE			WATER		WATER
	NY-AWQS	Results	Q	Results	Q
Semivolatile Organics by GC/MS-SIM					
Acenaphthene	20	0.29		0.1 U	0.1 U
Fluoranthene	50	0.1	J	0.1 U	0.1 U
Naphthalene	10	1.8		0.22	0.1 U
Benzo(a)anthracene	0.002	0.02	J	0.1 U	0.02 J
Benzo(a)pyrene	0	0.1	U	0.1 U	0.1 U
Benzo(b)fluoranthene	0.002	0.02	J	0.1 U	0.02 J
Anthracene	50	0.06	J	0.1 U	0.1 U
Benzo(ghi)perylene		0.1	U	0.1 U	0.1 U
Fluorene	50	0.13		0.1 U	0.1 U
Phenanthrene	50	0.4		0.1 U	0.02 J
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1 U	0.1 U
Pyrene	50	0.08	J	0.1 U	0.1 U
2-Methylnaphthalene		0.31		0.1 U	0.1 U
Total Metals					
Aluminum, Total		2940		132	321
Antimony, Total	3	2.2	J	3.32 J	0.77 J
Arsenic, Total	25	2.5		0.29 J	0.38 J
Barium, Total	1000	164.9		123.3	126.5
Beryllium, Total	3	0.36	J	0.5 U	0.5 U
Cadmium, Total	5	0.31		0.38	0.16 J
Calcium, Total		45600		88900	92700
Chromium, Total	50	7.62		0.77 J	1.14
Cobalt, Total		7.75		6.54	3.6
Copper, Total	200	14.78		1.18	2.94
Iron, Total	300	8840		1260	712
Lead, Total	25	12.28		0.7 J	8.38
Magnesium, Total	35000	10600		15200	22900
Manganese, Total	300	4741		6621	1302
Mercury, Total	0.7	0.1	J	0.2 U	0.2 U
Nickel, Total	100	12.11		18.47	7.95
Potassium, Total		7040		8180	8610
Selenium, Total	10	1.84	J	5 U	4 J
Silver, Total	50	0.25	J	0.18 J	0.4 U
Sodium, Total	20000	66100		28700	39100
Thallium, Total	0.5	0.21	J	0.5 U	0.5 U
Vanadium, Total		10		5 U	5 U
Zinc, Total	2000	19.68		37.06	6.58 J

Notes:

All units are in µg/L.

Yellow—exceeds the New York State Class GA Standards and Guidance Values

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

Table VIII: Parameters Detected in Groundwater Samples (continued)

LOCATION			MW-A	MW-B	MW-C
SAMPLING DATE			6/5/2018	6/5/2018	6/5/2018
LAB SAMPLE ID			L1820814-19	L1820814-20	L1820814-21
SAMPLE TYPE			WATER		WATER
	NY-AWQS	Results	Q	Results	Q
Volatile Organics by GC/MS					
1,1-Dichloroethane	5	0.83	J	18	U
Chloroform	7	2.9		12	U
Tetrachloroethene	5	67		610	2400
1,1,1-Trichloroethane	5	4.3		110	450
Vinyl chloride	2	1	U	2.3	J
1,1-Dichloroethene	5	0.42	J	7.2	41
Trichloroethene	5	27		160	350
cis-1,2-Dichloroethene	5	120		340	280
1,2-Dichloroethene, Total		120		340	280
Acetone	50	2	J	25	U
Naphthalene	10	2.6		12	U

Notes:

All units are in µg/L.

Yellow=exceeds the New York State Class GA Standards and Guidance Values

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

J=analyte detected at or above the method detection limit (MDL) but below the reporting limit (RL) – data is estimated

6.0 SOIL VAPOR SAMPLING

Three (3) soil vapor samples were collected as part of this investigation . The samples were collected from temporary soil vapor sampling probes installed to a depth of ten (10) feet below ground surface. In accordance with NYSDOH guidance, each temporary soil vapor sampling probe was leak-checked using helium and purged prior to sampling. The samples were collected using evacuated 2.7-liter Summa canisters equipped with regulators set to collect each sample over a 2-hour period. The samples were delivered by laboratory courier to Alpha under chain of custody procedures. As there are currently no buildings at the Site, sub-slab soil vapor and indoor air sampling was not included in the scope of work for this investigation.

6.1 LABORATORY ANALYSIS – SOIL VAPOR

The soil vapor samples were analyzed for VOCs using Method TO-15. The analytical results for compounds detected in the soil vapor samples are summarized in Table IX. The laboratory data package is included in Appendix C.

Laboratory analysis of the samples showed the following:

- Several petroleum related and chlorinated VOCs were detected in soil vapor samples SV-1, SV-2, and SV-3, at concentrations up to 3,790 micrograms per cubic meter.

The soil vapor sample for compounds included in the May 2017 NYSDOH decision matrices A, B, and C are summarized on Figure 9.0.

Table IX: Parameters Detected in Soil Vapor Samples

LOCATION		SV-1	SV-2	SV-3
SAMPLING DATE		6/4/2018	6/4/2018	6/4/2018
SAMPLE TYPE		SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR
SAMPLE DEPTH (ft.)		10	10	10
	Results	Q	Results	Q
Volatile Organics in Air				
1,1,1-Trichloroethane	731		1170	354
1,1,2-Trichloro-1,2,2-Trifluoroethane	277		3790	1290
1,1-Dichloroethane	37.6		22.1	9.15
1,1-Dichloroethene	24.7		98.3	19.3
1,2,4-Trimethylbenzene	19.4		13.5	15.3
1,3,5-Trimethylbenzene	4.87		9.83	4.92 U
1,3-Butadiene	125		45.6	130
1,3-Dichlorobenzene	7.7		12	6.01 U
2,2,4-Trimethylpentane	12.1		11.6	13.5
2-Butanone	26.2		28.8	36.3
4-Ethyltoluene	3.84		9.83	4.92 U
Acetone	247		572	803
Benzene	5.4		9.14	16.3
Carbon disulfide	1.56	U	6.23	8.75
Carbon tetrachloride	3.15	U	32.3	6.29 U
Chloroethane	1.48		5.28	2.64 U
Chloroform	4.03		35.1	70.8
Chloromethane	3.49		4.13	4.71
cis-1,2-Dichloroethene	107		140	245
Cyclohexane	4.58		6.88	6.06
Ethyl Alcohol	347		307	416
Ethylbenzene	9.34		8.69	10.1
Heptane	4.43		8.73	10.4
iso-Propyl Alcohol	6		12.3	7.08
Methylene chloride	8.09		907	28.1
n-Hexane	17.9		24.3	37
o-Xylene	13.5		11.7	13.6
p/m-Xylene	36.7		31.7	38.6
tert-Butyl Alcohol	11.1		19.6	16
Tetrachloroethene	3.39	U	40.6	32
Tetrahydrofuran	17.8		14.7	22.4
Toluene	26.8		30.6	40.3
Trichloroethene	4.85		1470	343
Trichlorofluoromethane	1000		191	1600
Vinyl chloride	7.77		5.11	2.56 U

Notes:

All units are in µg/m³

Q is the qualifier column, where:

U=analyte was not detected at the reported detection limit for the sample

7.0 QUALITY ASSURANCE/QUALITY CONTROL AND DATA VALIDATION

Quality assurance/quality control (“QA/QC”) procedures that were utilized during this program included collection of three (3) blind duplicate samples (two for soil and one for groundwater), two (2) field blank samples (one for soil and one for groundwater), three (3) matrix spike/matrix spike duplicate sample sets (two for soil and one for groundwater), and one (1) trip blank sample. All QA/QC samples were analyzed for the same parameters as the other samples, with the exception of the trip blank, which was analyzed for VOCs only. The field blank for the samples to be analyzed PFAS/PFOA was prepared using certified PFAS/PFOA-free water provided by the laboratory.

All analyses were provided by the laboratory with Analytical Services Protocol (“ASP”) Category B data packages. The ASP Category B data packages were validated by an independent data validator and a Data Usability Summary Report (“DUSR”) was prepared for each medium and data package. The tabulated data included in this report have incorporated the results of the data validation/DUSR process. The DUSRs are included in Appendix E. In addition, all data will be provided electronically to the NYSDEC through EQuIS.

8.0 FINDINGS AND CONCLUSIONS

Implementation of the Site Characterization field investigation showed the following:

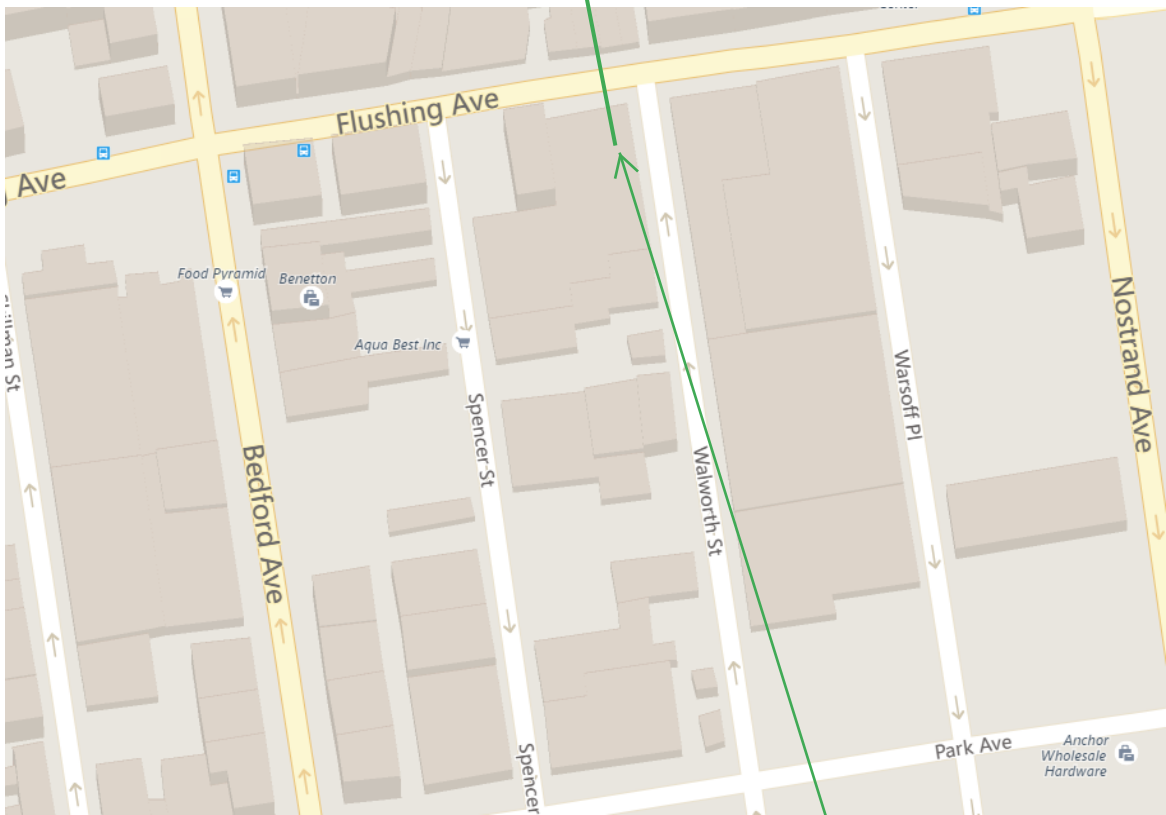
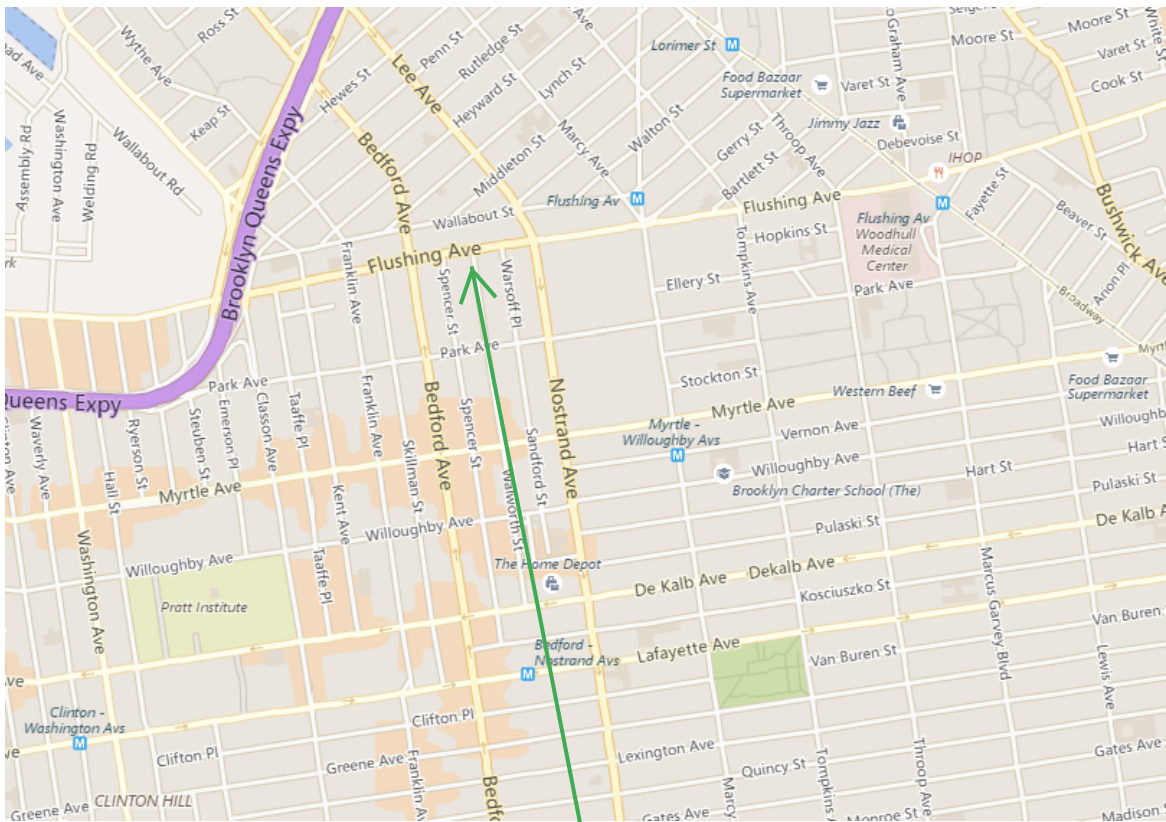
- One (1) previously unknown UST was encountered in the central portion of the Site. The UST was estimated to be 550 gallons in capacity and was found to contain approximately four (4) inches of a black oily liquid. Soil sample analytical results from soil boring SB-3 (installed adjacent to the UST) indicates that a release from the UST has not occurred.
- A follow-up geophysical investigation conducted across the Site showed two (2) magnetic anomalies. Each anomaly was further investigated using a manually-driven tool, to a depth of three (3) feet below ground surface for the sidewalk anomaly and a depth of one (1) foot below ground surface for the east-central anomaly (apparent concrete prevented deeper assessment at this location). No evidence of USTs was identified at either location.
- All surface soil samples contained VOCs, SVOCs, PCBs, and/or metals at concentrations exceeding Unrestricted Use SCOs. In addition, sample SS-4B contained hexavalent chromium at a concentration above its Unrestricted Use SCO. Restricted Residential SCOs for SVOCs, PCBs, and/or metals were also exceeded in all of the surface soil samples.
- Subsurface soil sampling showed exceedances of Unrestricted Use SCOs for VOCs, SVOCs, pesticides, and metals in the shallow samples collected at borings SB-1, SB-3, and SB-5. In addition, the sample SB-5A contained one PCB at a concentration exceeding the Unrestricted Use and Restricted Residential SCOs, and SB-8 showed acetone at a concentration slightly exceeding the Unrestricted Use SCO in the 8-10 foot interval (sample SB-8A) and cis-1,2-dichloroethene at a concentration slightly exceeding the Unrestricted Use SCO in the 13-15 foot interval (sample SB-8B).
- No parameters were detected at concentrations above Unrestricted Use SCOs in either sample from borings SB-2, SB-4, SB-6, and SB-7.

- The Site-specific groundwater flow direction was calculated to be from the southeast to the northwest. As a result, monitoring wells MW-B and MW-C are upgradient of monitoring well MW-A.
- Class GA groundwater standards and guidance values for VOCs, SVOCs, total metals, and dissolved metals were exceeded in each of the groundwater samples collected during this investigation. The most significant groundwater impacts detected at the Site are from VOCs which are likely from an off-site source.
- The VOC concentrations detected in groundwater were significantly higher in the samples from monitoring wells MW-B and MW-C, which in combination with the significantly elevated VOC concentrations detected in groundwater at the adjacent property to the south of the Site, indicate that the VOCs identified in groundwater were not derived from historic on-Site operations.
- Soil vapor sample results showed detections of 35 individual VOCs detected in one or more of the samples, including both petroleum-related and chlorinated VOCs. The soil vapor concentrations of several VOCs that are listed in the NYSDOH decision matrices would result in a decision of “mitigate”, even if these VOCs were not detected in concurrent indoor air samples.

9.0 RECOMMENDATIONS

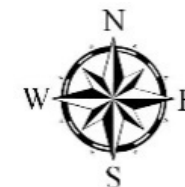
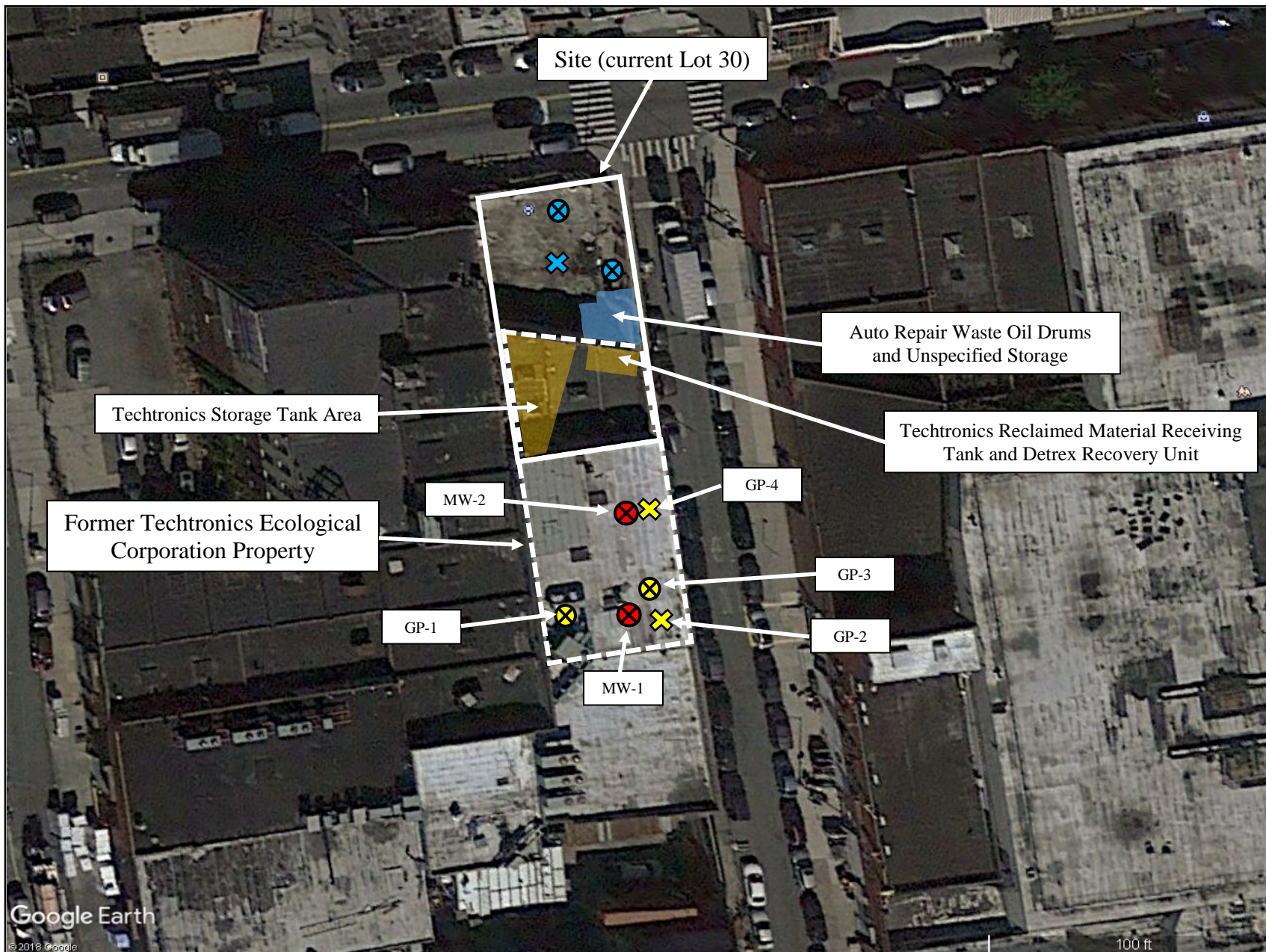
Based on the findings and conclusions presented above, in conjunction with the planned redevelopment scenario for the Site, the following recommendations are made regarding the Site:

- The UST identified at the Site during the investigation should be removed in accordance with NYSDEC regulations. A workplan for the removal of this UST accompanies this report
- Any potential environmental impacts associated with the geophysical anomalies will be addressed as part of the Site redevelopment program.
- Impacted surface and subsurface soil should be characterized, removed, and transported for proper off-Site disposal, as part of the Site redevelopment program.
- As noted above, potable water at the Site and in the Site vicinity is provided by the City of New York, and is supplied from upstate reservoirs. In addition, City regulations restrict operation of private potable wells, so there is no potential for direct human exposure to the impacted groundwater beneath the Site. As a result, no remedial action regarding groundwater is recommended.
- Due to the elevated concentrations of VOCs detected in soil vapor and groundwater samples at the Site, there is potential for vapor intrusion into future buildings at the Site. Since current redevelopment plans call for the basement to be occupied for religious purposes, vapor intrusion mitigation measures, including a vapor barrier and an active sub-slab depressurization system, will be included as part of the Site redevelopment program.



LEA, 53 West Hills Road, Suite 1, Huntington Station, New York 11746

Figure 1.0 Site Location
480 Flushing Avenue
Brooklyn, New York



Google Earth
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100 ft



53 West Hills Road, Suite 1
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

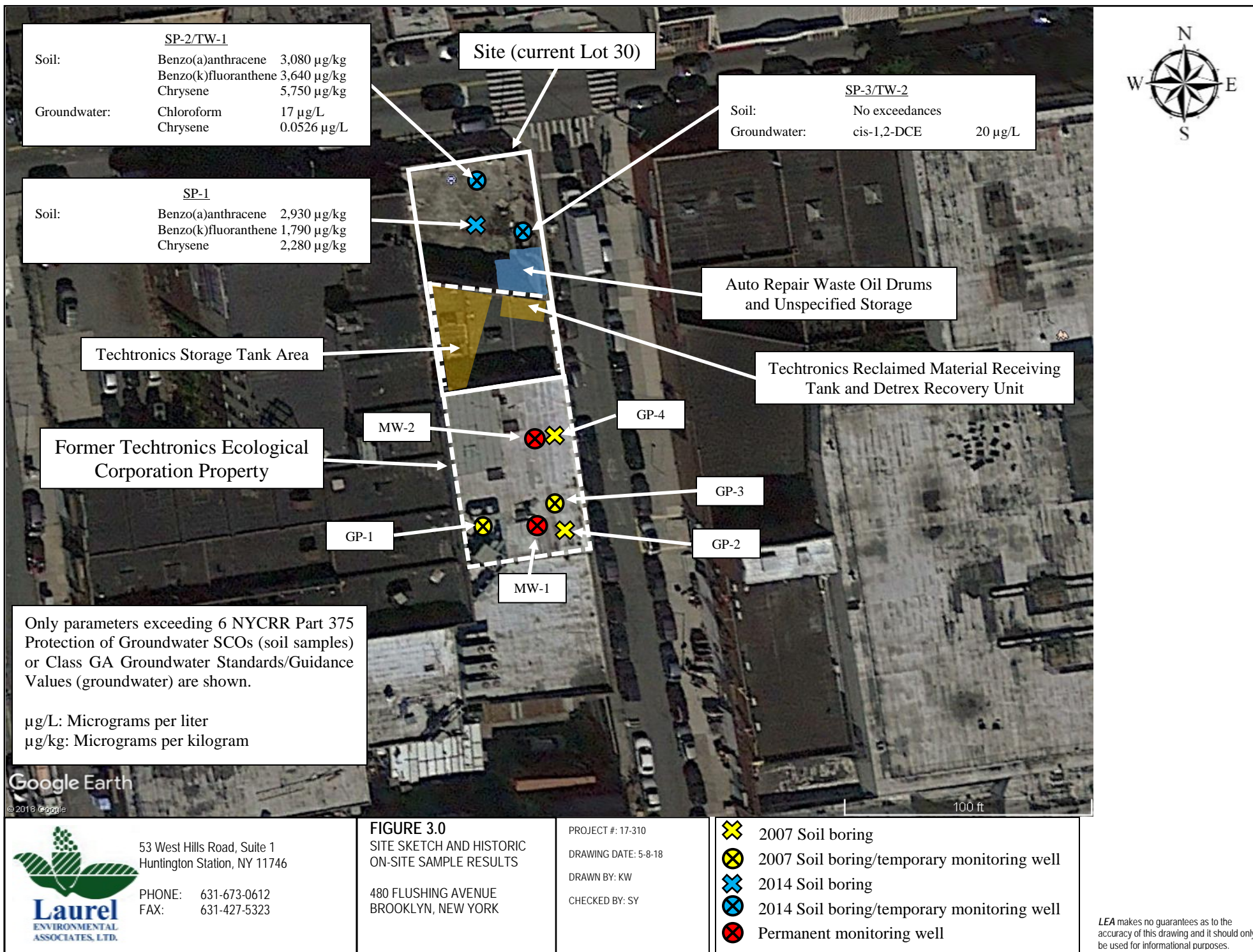
FIGURE 2.0
SITE SKETCH, HISTORIC SITE
USES, AND HISTORIC
SAMPLE LOCATIONS

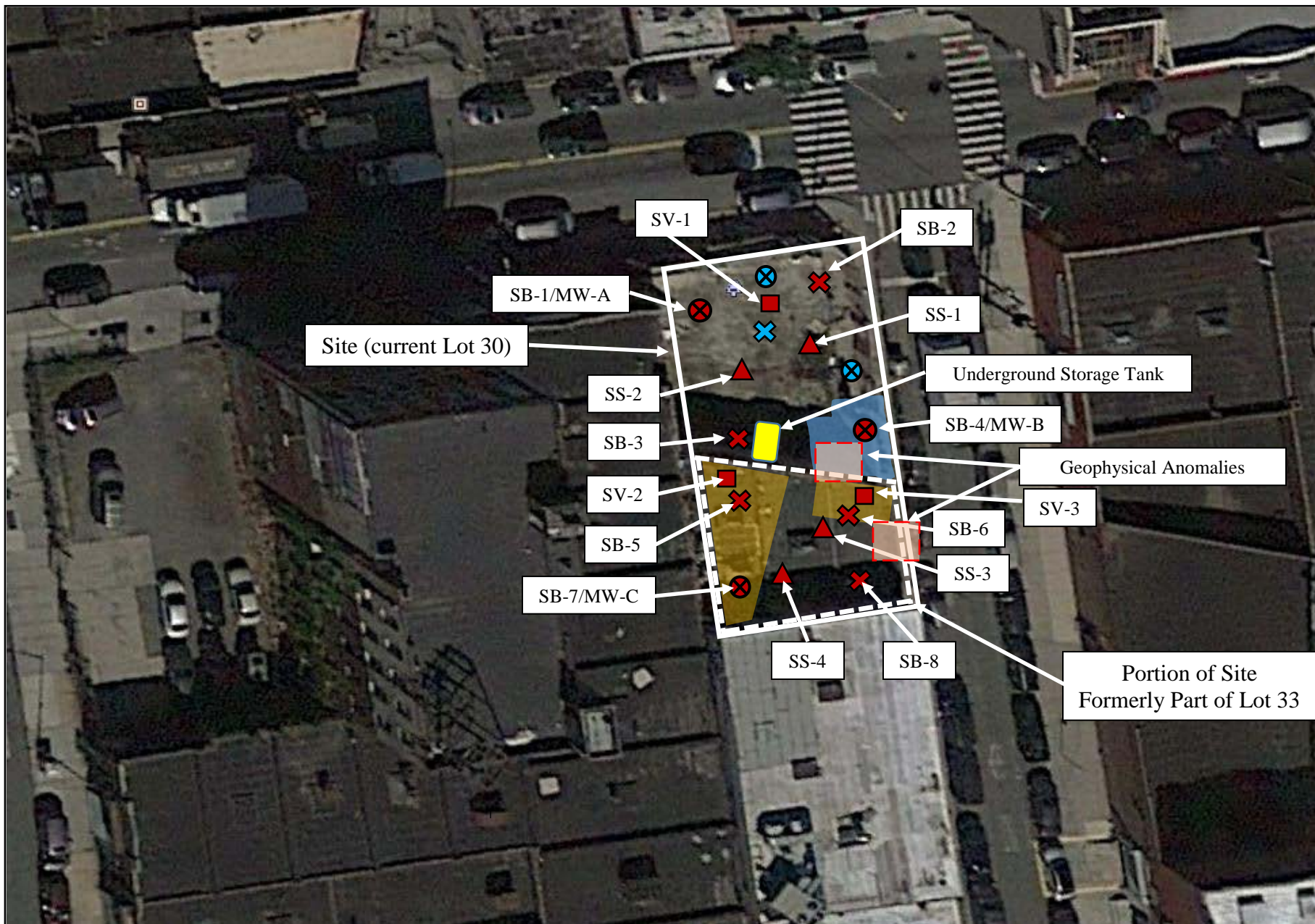
480 FLUSHING AVENUE
BROOKLYN, NEW YORK

PROJECT #: 17-310
DRAWING DATE: 5-8-18
DRAWN BY: KW
CHECKED BY: SY

- ✕ 2007 Soil boring
- ⊗ 2007 Soil boring/temporary monitoring well
- ✕ 2014 Soil boring
- ⊗ 2014 Soil boring/temporary monitoring well
- ⊗ Permanent monitoring well

LEA makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.





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Huntington Station, NY 11746

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FAX: 631-427-5323

FIGURE 4.0
SITE SKETCH WITH SAMPLE
LOCATIONS

480 FLUSHING AVENUE
BROOKLYN, NEW YORK

PROJECT #: 17-310

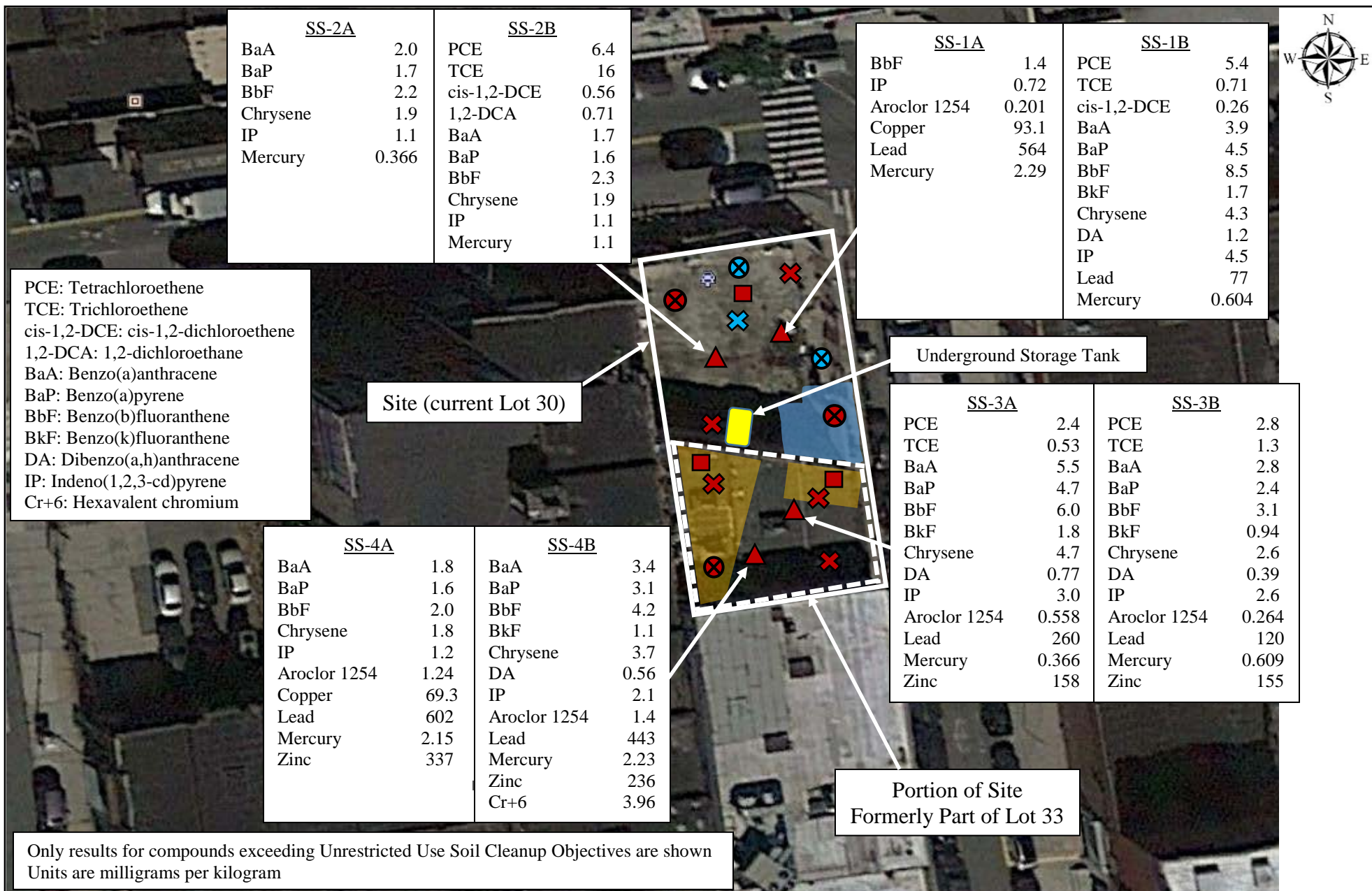
DRAWING DATE: 6-19-18

DRAWN BY: KW

CHECKED BY: SY

- ✕ 2014 Soil boring
- ⊗ 2014 Soil boring/temporary monitoring well
- ✕ 2018 Soil boring
- ▲ 2018 Surface soil sample
- ⊗ 2018 Soil boring/permanent monitoring well
- 2018 Soil vapor sample

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FIGURE 5.0
SITE SKETCH AND SURFACE
SAMPLE RESULTS

480 FLUSHING AVENUE
BROOKLYN, NEW YORK

PROJECT #: 17-310
DRAWING DATE: 6-19-18
DRAWN BY: KW
CHECKED BY: SY

LEA makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

PCE: Tetrachloroethene
TCE: Trichloroethene
cis-1,2-DCE: cis-1,2-dichloroethene
1,1,1-TCA: 1,1,1-trichloroethane
BaA: Benzo(a)anthracene
BaP: Benzo(a)pyrene
BbF: Benzo(b)fluoranthene
BkF: Benzo(k)fluoranthene
DA: Dibenzo(a,h)anthracene
IP: Indeno(1,2,3-cd)pyrene

SB-5A (2-4')

PCE	99
TCE	15
1,1,1-TCA	3.0
Acenaphthene	84
Fluoranthene	720
Naphthalene	300
BaA	260
BaP	230
BbF	280
BkF	100
Chrysene	240
Acenaphthylene	130
Anthracene	160
Benzo(ghi)perylene	120
Fluorene	160
Phenanthrene	800
DA	37
IP	140
Pyrene	590
Dibenzofuran	100
Phenol	31
2-Methylphenol	16
3/4-Methylphenol	44
4,4'-DDD	0.018
Aroclor 1254	1.82
Barium	992
Copper	107
Lead	1,040
Mercury	2.06
Zinc	1,020

SB-5B (12-14')
No Exceedances

SB-1A (1-3')

PCE	8.5
TCE	3.0
Acenaphthene	41
Fluoranthene	190
Naphthalene	80
BaA	70
BaP	53
BbF	64
BkF	24
Chrysene	63
Phenanthrene	290
DA	7.7
IP	32
Pyrene	150
Dibenzofuran	44
Phenol	0.53
2-Methylphenol	0.34
3/4-Methylphenol	1.2
4,4'-DDE	0.0107
Copper	53.5
Lead	127
Mercury	2.28
Zinc	123

SB-7A (4-6')
No Exceedances

SB-7B (12-14)
No Exceedances

SB-2A (4-6')
No Exceedances

SB-2B (13-15)
No Exceedances

SB-3A (1-3')

PCE	2.5
TCE	1.2
BaA	9.1
BaP	7.3
BbF	10.0
BkF	2.8
Chrysene	8.5
DA	1.2
IP	4.6
4,4'-DDD	0.00423
Lead	180
Mercury	1.25

SB-3B (11-13')
No Exceedances

SB-4A (5-7')
No Exceedances

SB-4B (13-15')
No Exceedances

SB-6A (4-6')
No Exceedances

SB-6B (13-15')
No Exceedances

SB-8A (8-10')
Acetone 0.057

SB-8B (13-15')
cis-1,2-DCE 0.41

Site (current Lot 30)

Underground Storage Tank

Portion of Site
Formerly Part of Lot 33

Only results for compounds exceeding Unrestricted Use Soil Cleanup Objectives are shown
Units are milligrams per kilogram



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Huntington Station, NY 11746

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FIGURE 6.0

SITE SKETCH AND SUBSURFACE
SOIL SAMPLE RESULTS

480 FLUSHING AVENUE
BROOKLYN, NEW YORK

PROJECT #: 17-310

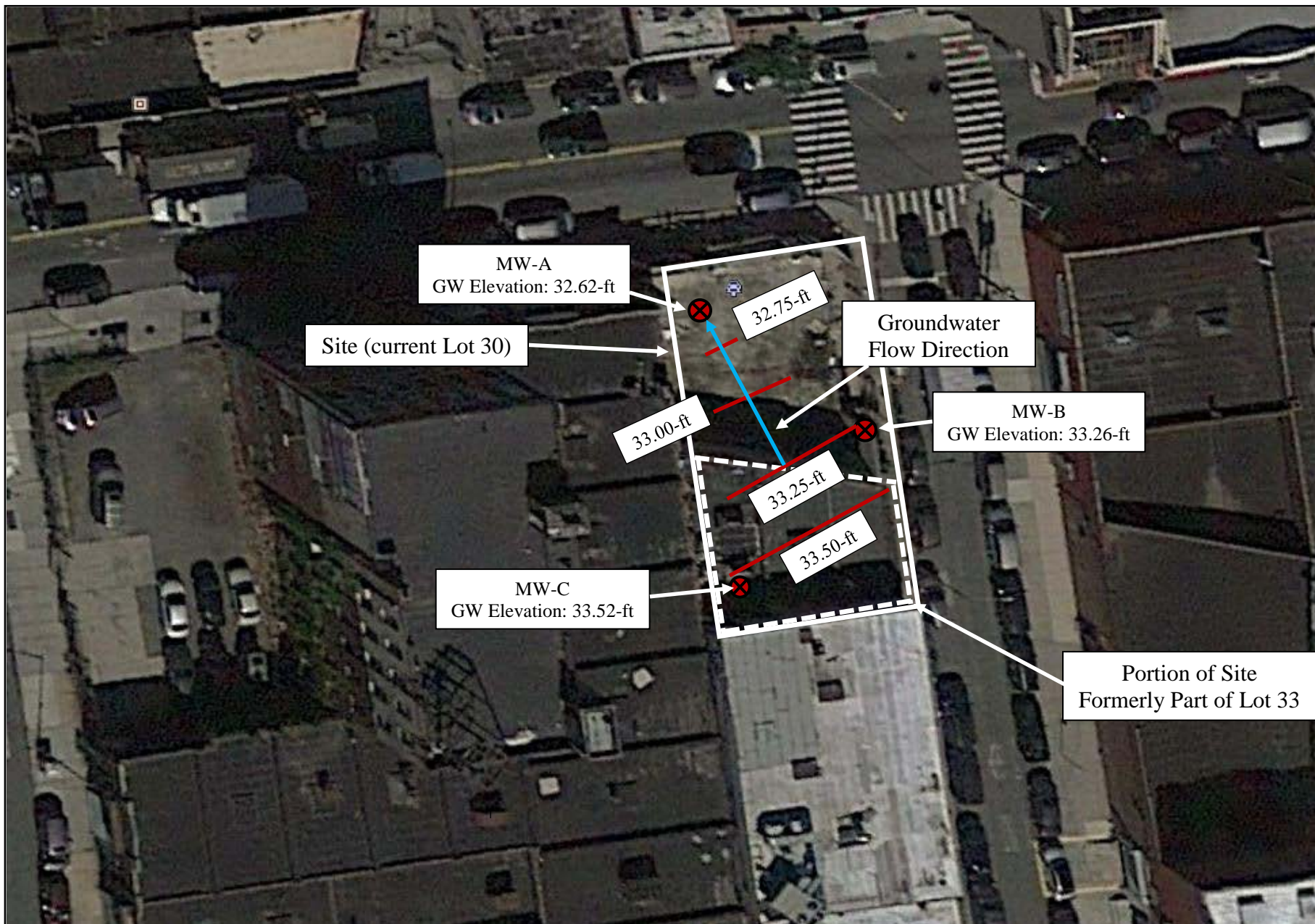
DRAWING DATE: 6-19-18

DRAWN BY: KW

CHECKED BY: SY

- ✕ 2014 Soil boring
- ⊗ 2014 Soil boring/temporary monitoring well
- ✕ 2018 Soil boring
- ▲ 2018 Surface soil sample
- ⊗ 2018 Soil boring/permanent monitoring well
- 2018 Soil vapor sample

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FIGURE 7.0
SITE SKETCH WITH
GROUNDWATER ELEVATION AND
CONTOUR

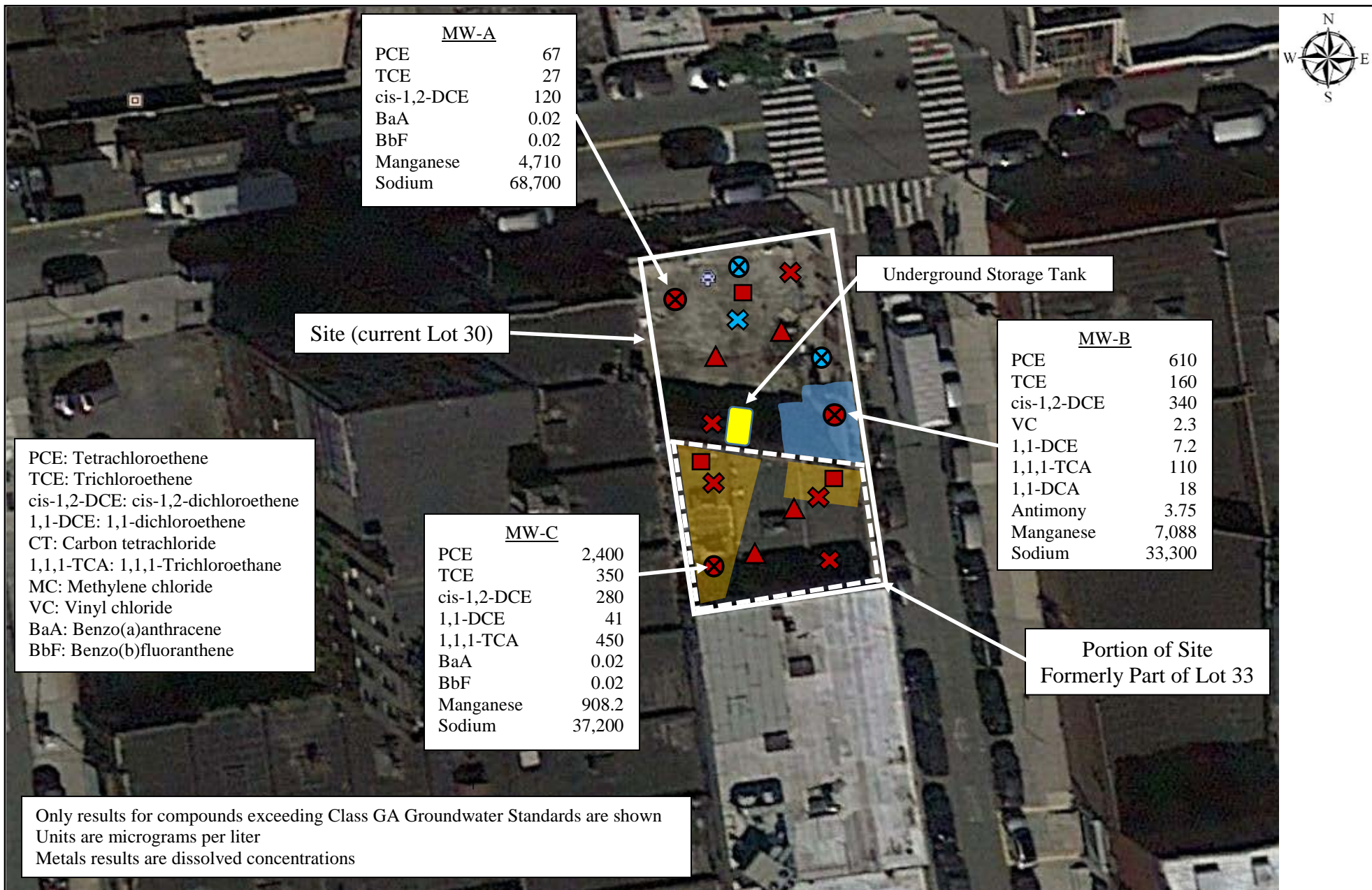
480 FLUSHING AVENUE
BROOKLYN, NEW YORK

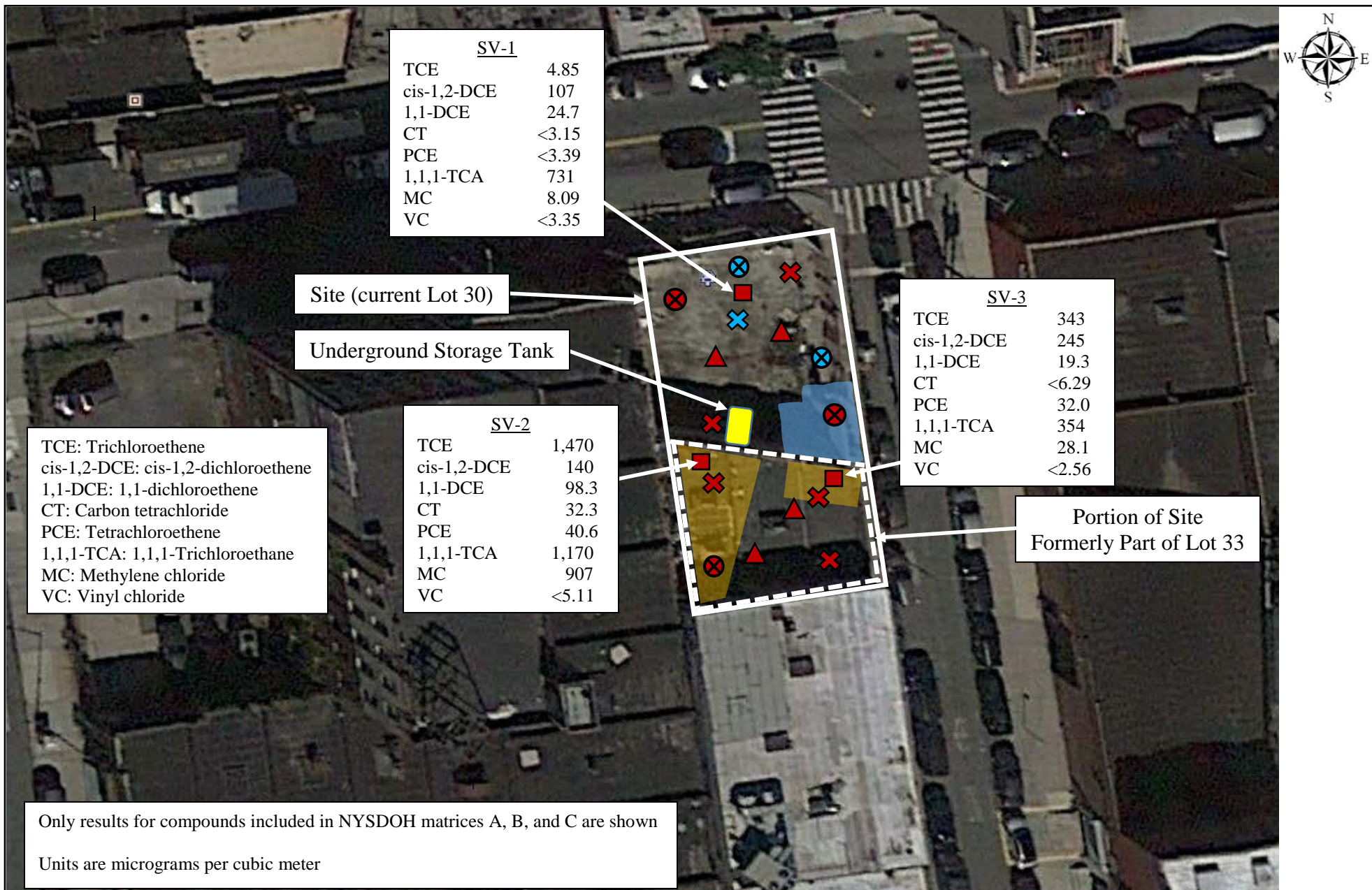
PROJECT #: 17-310
DRAWING DATE: 6-27-18
DRAWN BY: JB
CHECKED BY: KW

KEY

- = groundwater elevation contour
- X = permanent monitoring well

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FIGURE 9.0
SITE SKETCH AND SOIL VAPOR
SAMPLE RESULTS

480 FLUSHING AVENUE
BROOKLYN, NEW YORK

PROJECT #: 17-310
DRAWING DATE: 6-19-18
DRAWN BY: KW
CHECKED BY: SY

LEA makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

APPENDIX A

Site Photographs



Photo 1, View of the Site showing proposed sample locations



Photo 2, Location of typical surface soil sample location (SS-1)



Photo 3, Soil from boring SB-1



Photo 4, Soil from boring SB-2



Photo 5, Soil (depth 0-5 ft) from boring SB-4



Photo 6, Soil from boring SB-5



Photo 7, Soil from boring SB-6



Photo 8, Soil from boring SB-7



Photo 9, View of geophysical anomaly in the east-central area of the Site



Photo 10, View of underground storage tank (UST) identified on-Site during site characterization sampling activities

APPENDIX B

CAMP Data

Downwind 6/4/18

Instrument Name	DustTrak II	Test Interval [M:S]	1:00
Model Number	8530	Mass Average [mg/m3]	0.002
Serial Number	8530122528	Mass Minimum [mg/m3]	0
Firmware Version	3.7	Mass Maximum [mg/m3]	0.024
Calibration Date	2/13/15	Mass TWA [mg/m3]	0
Test Name	MANUAL_001	Photometric User Cal	1.3
Test Start Time	7:50:09 AM	Flow User Cal	0
Test Start Date	6/4/18	Errors	Max Concentration
Test Length [D:H:M]	0:23:36	Number of Samples	511
Position	Downwind	Background: 0.005 mg/m3	

<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
60	0.004			2280	0.002		
120	0.004			2340	0.001		
180	0.004			2400	0.001		
240	0.004			2460	0.001		
300	0.004			2520	0.001		
360	0.004			2580	0.002		
420	0.004			2640	0.002		
480	0.004			2700	0.003		
540	0.004			2760	0.002		
600	0.004			2820	0.002		
660	0.004			2880	0.002		
720	0.004			2940	0.002		
780	0.004			3000	0.003		
840	0.004			3060	0.003		
900	0.004			3120	0.003		
960	0.004			3180	0.004		
1020	0.004			3240	0.004		
1080	0.004			3300	0.004		
1140	0.004			3360	0.004		
1200	0.004			3420	0.005		
1260	0.004			3480	0.005		
1320	0.004			3540	0.004		
1380	0.004			3600	0.004		
1440	0.003			3660	0.004		
1500	0.003			3720	0.004		
1560	0.002			3780	0.005		
1620	0.003			3840	0.006		
1680	0.024			3900	0.005		
1740	0.002			3960	0.004		
1800	0.003			4020	0.004		
1860	0.002			4080	0.004		
1920	0.003			4140	0.004		
1980	0.002			4200	0.004		
2040	0.002			4260	0.004		
2100	0.001			4320	0.003		
2160	0.001			4380	0.003		
2220	0.001			4440	0.003		

Downwind 6/4/18

<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
4500	0.003			7320	0.003		
4560	0.004			7380	0.003		
4620	0.002			7440	0.002		
4680	0.002			7500	0.004		
4740	0.002			7560	0.004		
4800	0.002			7620	0.002		
4860	0.005			7680	0.003		
4920	0.002			7740	0.002		
4980	0.003			7800	0.002		
5040	0.004			7860	0.002		
5100	0.002			7920	0.001		
5160	0.002			7980	0.001		
5220	0.003			8040	0.002		
5280	0.004			8100	0.001		
5340	0.003			8160	0.001		
5400	0.003			8220	0.001		
5460	0.003			8280	0.001		
5520	0.002			8340	0.001		
5580	0.002			8400	0.001		
5640	0.002			8460	0.000		
5700	0.002			8520	0.000		
5760	0.002			8580	0.000		
5820	0.002			8640	0.000		
5880	0.004			8700	0.000		
5940	0.006			8760	0.001		
6000	0.003			8820	0.002		
6060	0.003			8880	0.002		
6120	0.003			8940	0.003		
6180	0.003			9000	0.004		
6240	0.003			9060	0.004		
6300	0.003			9120	0.003		
6360	0.003			9180	0.002		
6420	0.003			9240	0.003		
6480	0.002			9300	0.002		
6540	0.002			9360	0.001		
6600	0.001			9420	0.003		
6660	0.001			9480	0.004		
6720	0.002			9540	0.002		
6780	0.003			9600	0.002		
6840	0.003			9660	0.010		
6900	0.003			9720	0.001		
6960	0.006			9780	0.003		
7020	0.003			9840	0.003		
7080	0.003			9900	0.004		
7140	0.003			9960	0.004		
7200	0.003			10020	0.002		
7260	0.003			10080	0.002		

Downwind 6/4/18

<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
10140	0.002			12960	0.000		
10200	0.005			13020	0.000		
10260	0.002			13080	0.000		
10320	0.001			13140	0.000		
10380	0.001			13200	0.000		
10440	0.002			13260	0.000		
10500	0.002			13320	0.000		
10560	0.000			13380	0.000		
10620	0.000			13440	0.000		
10680	0.000			13500	0.001		
10740	0.000			13560	0.001		
10800	0.003			13620	0.000		
10860	0.001			13680	0.000		
10920	0.001			13740	0.000		
10980	0.000			13800	0.001		
11040	0.000			13860	0.001		
11100	0.001			13920	0.001		
11160	0.007			13980	0.000		
11220	0.000			14040	0.001		
11280	0.000			14100	0.004		
11340	0.000			14160	0.002		
11400	0.000			14220	0.000		
11460	0.000			14280	0.000		
11520	0.000			14340	0.000		
11580	0.000			14400	0.000		
11640	0.000			14460	0.000		
11700	0.000			14520	0.001		
11760	0.000			14580	0.000		
11820	0.000			14640	0.000		
11880	0.000			14700	0.000		
11940	0.000			14760	0.000		
12000	0.000			14820	0.004		
12060	0.000			14880	0.002		
12120	0.000			14940	0.000		
12180	0.000			15000	0.000		
12240	0.000			15060	0.000		
12300	0.000			15120	0.001		
12360	0.000			15180	0.000		
12420	0.000			15240	0.001		
12480	0.000			15300	0.002		
12540	0.000			15360	0.001		
12600	0.000			15420	0.003		
12660	0.000			15480	0.013		
12720	0.000			15540	0.007		
12780	0.005			15600	0.002		
12840	0.002			15660	0.001		
12900	0.001			15720	0.000		

Downwind 6/4/18

<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
15780	0.004			18600	0.000		
15840	0.000			18660	0.000		
15900	0.000			18720	0.000		
15960	0.000			18780	0.000		
16020	0.000			18840	0.001		
16080	0.001			18900	0.000		
16140	0.002			18960	0.001		
16200	0.000			19020	0.002		
16260	0.000			19080	0.000		
16320	0.000			19140	0.000		
16380	0.000			19200	0.000		
16440	0.000			19260	0.002		
16500	0.001			19320	0.001		
16560	0.002			19380	0.001		
16620	0.001			19440	0.001		
16680	0.001			19500	0.001		
16740	0.001			19560	0.001		
16800	0.000			19620	0.001		
16860	0.000			19680	0.002		
16920	0.000			19740	0.002		
16980	0.000			19800	0.005		
17040	0.000			19860	0.005		
17100	0.000			19920	0.003		
17160	0.000			19980	0.002		
17220	0.000			20040	0.006		
17280	0.000			20100	0.005		
17340	0.001			20160	0.002		
17400	0.001			20220	0.003		
17460	0.000			20280	0.002		
17520	0.000			20340	0.002		
17580	0.001			20400	0.002		
17640	0.000			20460	0.002		
17700	0.000			20520	0.002		
17760	0.000			20580	0.002		
17820	0.000			20640	0.002		
17880	0.000			20700	0.002		
17940	0.000			20760	0.002		
18000	0.000			20820	0.004		
18060	0.000			20880	0.002		
18120	0.000			20940	0.002		
18180	0.000			21000	0.002		
18240	0.000			21060	0.002		
18300	0.000			21120	0.002		
18360	0.000			21180	0.004		
18420	0.000			21240	0.003		
18480	0.000			21300	0.003		
18540	0.000			21360	0.002		

Downwind 6/4/18

<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
21420	0.003			24240	0.001		
21480	0.003			24300	0.001		
21540	0.003			24360	0.001		
21600	0.004			24420	0.002		
21660	0.003			24480	0.002		
21720	0.002			24540	0.002		
21780	0.003			24600	0.001		
21840	0.002			24660	0.000		
21900	0.002			24720	0.000		
21960	0.003			24780	0.000		
22020	0.003			24840	0.000		
22080	0.004			24900	0.000		
22140	0.003			24960	0.000		
22200	0.003			25020	0.000		
22260	0.003			25080	0.000		
22320	0.004			25140	0.001		
22380	0.004			25200	0.000		
22440	0.006			25260	0.000		
22500	0.004			25320	0.000		
22560	0.004			25380	0.000		
22620	0.003			25440	0.000		
22680	0.003			25500	0.000		
22740	0.001			25560	0.000		
22800	0.001			25620	0.001		
22860	0.001			25680	0.000		
22920	0.002			25740	0.000		
22980	0.003			25800	0.000		
23040	0.002			25860	0.000		
23100	0.002			25920	0.000		
23160	0.003			25980	0.000		
23220	0.003			26040	0.000		
23280	0.002			26100	0.000		
23340	0.002			26160	0.000		
23400	0.002			26220	0.000		
23460	0.001			26280	0.000		
23520	0.000			26340	0.000		
23580	0.000			26400	0.000		
23640	0.001			26460	0.000		
23700	0.000			26520	0.000		
23760	0.000			26580	0.000		
23820	0.000			26640	0.000		
23880	0.001			26700	0.000		
23940	0.000			26760	0.000		
24000	0.001			26820	0.001		
24060	0.006			26880	0.001		
24120	0.001			26940	0.001		
24180	0.000			27000	0.001		

Downwind 6/4/18

<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed</u> <u>Time [s]</u>	<u>Mass</u> <u>[mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
27060	0.000			29880	0.000		
27120	0.000			29940	0.000		
27180	0.000			30000	0.000		
27240	0.000			30060	0.000		
27300	0.000			30120	0.000		
27360	0.000			30180	0.000		
27420	0.000			30240	0.000		
27480	0.000			30300	0.000		
27540	0.000			30360	0.000		
27600	0.000			30420	0.000		
27660	0.000			30480	0.000		
27720	0.000			30540	0.000		
27780	0.000			30600	0.000		
27840	0.000						
27900	0.000						
27960	0.000						
28020	0.000						
28080	0.000						
28140	0.000						
28200	0.000						
28260	0.000						
28320	0.000						
28380	0.000						
28440	0.001						
28500	0.000						
28560	0.000						
28620	0.000						
28680	0.000						
28740	0.001						
28800	0.001						
28860	0.000						
28920	0.000						
28980	0.000						
29040	0.000						
29100	0.000						
29160	0.002						
29220	0.000						
29280	0.000						
29340	0.000						
29400	0.000						
29460	0.000						
29520	0.000						
29580	0.000						
29640	0.000						
29700	0.000						
29760	0.000						
29820	0.000						

Upwind 6/4/18

Instrument Name	DustTrak II	Test Interval [M:S]	1:00
Model Number	8530	Mass Average [mg/m3]	0.006
Serial Number	8530120613	Mass Minimum [mg/m3]	0
Firmware Version	3.6	Mass Maximum [mg/m3]	0.025
Calibration Date	7/27/2017	Mass TWA [mg/m3]	0
Test Name	MANUAL_001	Photometric User Cal	1
Test Start Time	7:45:48 AM	Flow User Cal	0
Test Start Date	6/4/2018	Errors	Max Concentration
Test Length [D:H:M]	0:23:37	Number of Samples	512
Position:	Upwind		

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
60	0.010			3360	0.004		
120	0.008			3420	0.004		
180	0.006			3480	0.004		
240	0.005			3540	0.004		
300	0.004			3600	0.004		
360	0.005			3660	0.004		
420	0.005			3720	0.007		
480	0.005			3780	0.005		
540	0.004			3840	0.005		
600	0.004			3900	0.005		
660	0.004			3960	0.005		
720	0.004			4020	0.005		
780	0.003			4080	0.007		
840	0.008			4140	0.007		
900	0.004			4200	0.006		
960	0.004			4260	0.005		
1020	0.004			4320	0.005		
1080	0.005			4380	0.006		
1140	0.004			4440	0.005		
1200	0.003			4500	0.005		
1260	0.003			4560	0.005		
1320	0.004			4620	0.025		
1380	0.004			4680	0.007		
1440	0.004			4740	0.015		
1500	0.007			4800	0.005		
1560	0.004			4860	0.006		
1620	0.004			4920	0.003		
1680	0.006			4980	0.004		
1740	0.004			5040	0.003		
1800	0.003			5100	0.005		
1860	0.003			5160	0.009		
1920	0.005			5220	0.003		
1980	0.004			5280	0.004		
2040	0.004			5340	0.005		
2100	0.004			5400	0.004		
2160	0.003			5460	0.003		
2220	0.005			5520	0.004		
2280	0.005			5580	0.006		
2340	0.002			5640	0.004		
2400	0.002			5700	0.003		
2460	0.002			5760	0.004		
2520	0.002			5820	0.003		
2580	0.002			5880	0.004		
2640	0.001			5940	0.003		
2700	0.001			6000	0.004		
2760	0.002			6060	0.003		
2820	0.002			6120	0.003		
2880	0.002			6180	0.003		
2940	0.004			6240	0.005		
3000	0.002			6300	0.006		
3060	0.002			6360	0.008		
3120	0.003			6420	0.005		
3180	0.003			6480	0.004		
3240	0.004			6540	0.005		
3300	0.004			6600	0.005		

Upwind 6/4/18

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
6660	0.006			10560	0.002		
6720	0.005			10620	0.002		
6780	0.004			10680	0.003		
6840	0.004			10740	0.005		
6900	0.003			10800	0.006		
6960	0.003			10860	0.003		
7020	0.003			10920	0.001		
7080	0.005			10980	0.002		
7140	0.004			11040	0.001		
7200	0.007			11100	0.001		
7260	0.005			11160	0.002		
7320	0.005			11220	0.002		
7380	0.005			11280	0.003		
7440	0.007			11340	0.002		
7500	0.005			11400	0.001		
7560	0.005			11460	0.001		
7620	0.005			11520	0.002		
7680	0.005			11580	0.002		
7740	0.004			11640	0.002		
7800	0.004			11700	0.003		
7860	0.004			11760	0.001		
7920	0.006			11820	0.003		
7980	0.006			11880	0.003		
8040	0.005			11940	0.003		
8100	0.005			12000	0.007		
8160	0.004			12060	0.008		
8220	0.007			12120	0.009		
8280	0.004			12180	0.003		
8340	0.004			12240	0.002		
8400	0.004			12300	0.008		
8460	0.004			12360	0.003		
8520	0.003			12420	0.003		
8580	0.002			12480	0.002		
8640	0.003			12540	0.001		
8700	0.004			12600	0.004		
8760	0.002			12660	0.018		
8820	0.001			12720	0.004		
8880	0.001			12780	0.002		
8940	0.002			12840	0.001		
9000	0.005			12900	0.001		
9060	0.004			12960	0.001		
9120	0.004			13020	0.001		
9180	0.003			13080	0.001		
9240	0.004			13140	0.001		
9300	0.006			13200	0.002		
9360	0.008			13260	0.001		
9420	0.005			13320	0.001		
9480	0.004			13380	0.003		
9540	0.005			13440	0.004		
9600	0.003			13500	0.003		
9660	0.002			13560	0.002		
9720	0.001			13620	0.003		
9780	0.002			13680	0.006		
9840	0.002			13740	0.003		
9900	0.002			13800	0.005		
9960	0.001			13860	0.005		
10020	0.001			13920	0.005		
10080	0.003			13980	0.003		
10140	0.005			14040	0.005		
10200	0.006			14100	0.004		
10260	0.005			14160	0.005		
10320	0.004			14220	0.006		
10380	0.003			14280	0.004		
10440	0.012			14340	0.003		
10500	0.003			14400	0.004		

Upwind 6/4/18

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
14460	0.005			18360	0.005		
14520	0.006			18420	0.004		
14580	0.005			18480	0.004		
14640	0.004			18540	0.006		
14700	0.005			18600	0.008		
14760	0.003			18660	0.004		
14820	0.003			18720	0.005		
14880	0.003			18780	0.005		
14940	0.004			18840	0.005		
15000	0.004			18900	0.004		
15060	0.011			18960	0.004		
15120	0.005			19020	0.005		
15180	0.007			19080	0.005		
15240	0.005			19140	0.006		
15300	0.004			19200	0.005		
15360	0.005			19260	0.007		
15420	0.006			19320	0.007		
15480	0.005			19380	0.004		
15540	0.005			19440	0.004		
15600	0.008			19500	0.005		
15660	0.010			19560	0.006		
15720	0.007			19620	0.006		
15780	0.006			19680	0.007		
15840	0.006			19740	0.006		
15900	0.006			19800	0.007		
15960	0.005			19860	0.007		
16020	0.005			19920	0.007		
16080	0.004			19980	0.007		
16140	0.005			20040	0.008		
16200	0.004			20100	0.017		
16260	0.003			20160	0.010		
16320	0.003			20220	0.009		
16380	0.004			20280	0.016		
16440	0.004			20340	0.013		
16500	0.003			20400	0.009		
16560	0.003			20460	0.008		
16620	0.003			20520	0.007		
16680	0.003			20580	0.008		
16740	0.003			20640	0.007		
16800	0.003			20700	0.008		
16860	0.004			20760	0.007		
16920	0.009			20820	0.007		
16980	0.007			20880	0.008		
17040	0.007			20940	0.008		
17100	0.009			21000	0.007		
17160	0.009			21060	0.007		
17220	0.006			21120	0.007		
17280	0.005			21180	0.009		
17340	0.006			21240	0.008		
17400	0.004			21300	0.007		
17460	0.006			21360	0.007		
17520	0.009			21420	0.009		
17580	0.005			21480	0.011		
17640	0.005			21540	0.009		
17700	0.005			21600	0.009		
17760	0.005			21660	0.008		
17820	0.005			21720	0.009		
17880	0.004			21780	0.010		
17940	0.004			21840	0.009		
18000	0.004			21900	0.010		
18060	0.021			21960	0.015		
18120	0.003			22020	0.009		
18180	0.004			22080	0.009		
18240	0.004			22140	0.009		
18300	0.005			22200	0.009		

Upwind 6/4/18

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
22260	0.010			26160	0.010		
22320	0.010			26220	0.010		
22380	0.011			26280	0.009		
22440	0.012			26340	0.011		
22500	0.011			26400	0.011		
22560	0.010			26460	0.011		
22620	0.010			26520	0.011		
22680	0.009			26580	0.009		
22740	0.011			26640	0.009		
22800	0.009			26700	0.009		
22860	0.010			26760	0.011		
22920	0.009			26820	0.009		
22980	0.010			26880	0.009		
23040	0.011			26940	0.009		
23100	0.008			27000	0.009		
23160	0.013			27060	0.009		
23220	0.010			27120	0.010		
23280	0.010			27180	0.012		
23340	0.009			27240	0.012		
23400	0.009			27300	0.013		
23460	0.010			27360	0.009		
23520	0.009			27420	0.009		
23580	0.009			27480	0.009		
23640	0.011			27540	0.010		
23700	0.016			27600	0.009		
23760	0.008			27660	0.009		
23820	0.008			27720	0.008		
23880	0.010			27780	0.009		
23940	0.010			27840	0.009		
24000	0.010			27900	0.010		
24060	0.008			27960	0.009		
24120	0.010			28020	0.008		
24180	0.011			28080	0.008		
24240	0.009			28140	0.009		
24300	0.009			28200	0.009		
24360	0.018			28260	0.009		
24420	0.012			28320	0.009		
24480	0.008			28380	0.009		
24540	0.008			28440	0.009		
24600	0.009			28500	0.009		
24660	0.013			28560	0.008		
24720	0.017			28620	0.009		
24780	0.014			28680	0.010		
24840	0.011			28740	0.013		
24900	0.008			28800	0.011		
24960	0.008			28860	0.013		
25020	0.009			28920	0.010		
25080	0.008			28980	0.013		
25140	0.009			29040	0.013		
25200	0.009			29100	0.010		
25260	0.008			29160	0.010		
25320	0.008			29220	0.010		
25380	0.009			29280	0.010		
25440	0.011			29340	0.010		
25500	0.009			29400	0.010		
25560	0.010			29460	0.011		
25620	0.014			29520	0.010		
25680	0.010			29580	0.009		
25740	0.009			29640	0.010		
25800	0.009			29700	0.011		
25860	0.009			29760	0.010		
25920	0.009			29820	0.009		
25980	0.011			29880	0.009		
26040	0.015			29940	0.009		
26100	0.010			30000	0.009		

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
30060	0.010		
30120	0.009		
30180	0.009		
30240	0.010		
30300	0.010		
30360	0.010		
30420	0.010		
30480	0.010		
30540	0.009		
30600	0.010		
30660	0.010		

Downwind 6/5/18

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530122528
 Firmware Version 3.7
 Calibration Date 2/13/2015
 Test Name MANUAL_002
 Test Start Time 12:58:32 PM
 Test Start Date 6/5/2018
 Test Length [D:H:M] 0:18:03
 Position Downwind

Test Interval [M:S] 1:00
 Mass Average [mg/m3] 0.005
 Mass Minimum [mg/m3] 0
 Mass Maximum [mg/m3] 0.02
 Mass TWA [mg/m3] 0.002
 Photometric User Cal 1.3
 Flow User Cal 0
 Errors Max Concentration
 Number of Samples 254

Background: 0.012 mg/m3

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
60	0.020			3000	0.004		
120	0.019			3060	0.005		
180	0.008			3120	0.005		
240	0.005			3180	0.005		
300	0.008			3240	0.003		
360	0.005			3300	0.003		
420	0.003			3360	0.004		
480	0.007			3420	0.004		
540	0.006			3480	0.005		
600	0.011			3540	0.005		
660	0.006			3600	0.005		
720	0.005			3660	0.005		
780	0.007			3720	0.004		
840	0.007			3780	0.003		
900	0.008			3840	0.004		
960	0.006			3900	0.004		
1020	0.004			3960	0.004		
1080	0.005			4020	0.005		
1140	0.005			4080	0.005		
1200	0.006			4140	0.007		
1260	0.005			4200	0.005		
1320	0.006			4260	0.007		
1380	0.006			4320	0.006		
1440	0.003			4380	0.005		
1500	0.004			4440	0.006		
1560	0.006			4500	0.006		
1620	0.005			4560	0.007		
1680	0.007			4620	0.006		
1740	0.006			4680	0.008		
1800	0.008			4740	0.005		
1860	0.008			4800	0.006		
1920	0.006			4860	0.007		
1980	0.007			4920	0.005		
2040	0.012			4980	0.006		
2100	0.012			5040	0.006		
2160	0.009			5100	0.004		
2220	0.010			5160	0.005		
2280	0.008			5220	0.006		
2340	0.006			5280	0.007		
2400	0.009			5340	0.006		
2460	0.007			5400	0.006		
2520	0.007			5460	0.006		
2580	0.007			5520	0.007		
2640	0.007			5580	0.007		
2700	0.004			5640	0.007		
2760	0.007			5700	0.006		
2820	0.009			5760	0.006		
2880	0.004			5820	0.006		
2940	0.003			5880	0.006		

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<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
5940	0.006			9480	0.004		
6000	0.006			9540	0.002		
6060	0.005			9600	0.003		
6120	0.006			9660	0.004		
6180	0.007			9720	0.006		
6240	0.005			9780	0.005		
6300	0.005			9840	0.008		
6360	0.006			9900	0.015		
6420	0.006			9960	0.003		
6480	0.007			10020	0.003		
6540	0.007			10080	0.004		
6600	0.008			10140	0.005		
6660	0.007			10200	0.005		
6720	0.011			10260	0.004		
6780	0.008			10320	0.003		
6840	0.009			10380	0.003		
6900	0.004			10440	0.003		
6960	0.005			10500	0.004		
7020	0.007			10560	0.002		
7080	0.010			10620	0.003		
7140	0.007			10680	0.003		
7200	0.007			10740	0.003		
7260	0.007			10800	0.003		
7320	0.007			10860	0.005		
7380	0.006			10920	0.005		
7440	0.004			10980	0.005		
7500	0.004			11040	0.004		
7560	0.005			11100	0.004		
7620	0.005			11160	0.003		
7680	0.006			11220	0.003		
7740	0.008			11280	0.003		
7800	0.006			11340	0.003		
7860	0.005			11400	0.003		
7920	0.004			11460	0.003		
7980	0.004			11520	0.002		
8040	0.006			11580	0.002		
8100	0.007			11640	0.003		
8160	0.006			11700	0.002		
8220	0.004			11760	0.003		
8280	0.006			11820	0.002		
8340	0.006			11880	0.002		
8400	0.005			11940	0.003		
8460	0.005			12000	0.002		
8520	0.004			12060	0.003		
8580	0.005			12120	0.004		
8640	0.003			12180	0.003		
8700	0.004			12240	0.003		
8760	0.006			12300	0.004		
8820	0.004			12360	0.003		
8880	0.003			12420	0.003		
8940	0.005			12480	0.005		
9000	0.003			12540	0.003		
9060	0.003			12600	0.003		
9120	0.004			12660	0.003		
9180	0.004			12720	0.004		
9240	0.004			12780	0.004		
9300	0.004			12840	0.002		
9360	0.003			12900	0.003		
9420	0.003			12960	0.002		

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
13020	0.001		
13080	0.003		
13140	0.003		
13200	0.001		
13260	0.002		
13320	0.001		
13380	0.001		
13440	0.001		
13500	0.001		
13560	0.001		
13620	0.002		
13680	0.002		
13740	0.001		
13800	0.002		
13860	0.001		
13920	0.001		
13980	0.001		
14040	0.000		
14100	0.000		
14160	0.000		
14220	0.000		
14280	0.000		
14340	0.001		
14400	0.000		
14460	0.000		
14520	0.000		
14580	0.000		
14640	0.001		
14700	0.000		
14760	0.000		
14820	0.001		
14880	0.001		
14940	0.001		
15000	0.001		
15060	0.000		
15120	0.002		
15180	0.001		

Upwind 6/5/18

Instrument Name DustTrak II
Model Number 8530
Serial Number 8530120613
Firmware Version 3.6
Calibration Date 7/27/2017
Test Name MANUAL_002
Test Start Time 7:25:07 AM
Test Start Date 6/5/2018
Test Length [D:H:M] 0:23:26
Position Upwind

Test Interval [M:S] 1:00
Mass Average [mg/m3] 0.015
Mass Minimum [mg/m3] 0
Mass Maximum [mg/m3] 0.059
Mass TWA [mg/m3] 0
Photometric User Cal 1
Flow User Cal 0
Errors Max Concentration
Number of Samples 585

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
60	0.015			2880	0.014		
120	0.017			2940	0.015		
180	0.020			3000	0.016		
240	0.015			3060	0.011		
300	0.013			3120	0.012		
360	0.012			3180	0.010		
420	0.011			3240	0.010		
480	0.016			3300	0.010		
540	0.015			3360	0.012		
600	0.012			3420	0.014		
660	0.013			3480	0.013		
720	0.012			3540	0.013		
780	0.012			3600	0.013		
840	0.013			3660	0.009		
900	0.016			3720	0.012		
960	0.015			3780	0.010		
1020	0.014			3840	0.010		
1080	0.017			3900	0.011		
1140	0.017			3960	0.012		
1200	0.015			4020	0.013		
1260	0.012			4080	0.012		
1320	0.014			4140	0.012		
1380	0.012			4200	0.014		
1440	0.010			4260	0.013		
1500	0.010			4320	0.012		
1560	0.011			4380	0.012		
1620	0.011			4440	0.017		
1680	0.013			4500	0.013		
1740	0.014			4560	0.011		
1800	0.013			4620	0.010		
1860	0.014			4680	0.010		
1920	0.015			4740	0.012		
1980	0.015			4800	0.011		
2040	0.018			4860	0.011		
2100	0.016			4920	0.012		
2160	0.017			4980	0.013		
2220	0.020			5040	0.014		
2280	0.021			5100	0.012		
2340	0.027			5160	0.011		
2400	0.018			5220	0.011		
2460	0.020			5280	0.010		
2520	0.020			5340	0.010		
2580	0.013			5400	0.009		
2640	0.012			5460	0.011		
2700	0.014			5520	0.009		
2760	0.015			5580	0.019		
2820	0.012			5640	0.015		

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<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
5700	0.017			9120	0.013		
5760	0.011			9180	0.017		
5820	0.010			9240	0.019		
5880	0.010			9300	0.017		
5940	0.010			9360	0.025		
6000	0.010			9420	0.012		
6060	0.011			9480	0.028		
6120	0.014			9540	0.040		
6180	0.010			9600	0.038		
6240	0.009			9660	0.045		
6300	0.009			9720	0.024		
6360	0.012			9780	0.025		
6420	0.011			9840	0.024		
6480	0.013			9900	0.033		
6540	0.013			9960	0.040		
6600	0.012			10020	0.035		
6660	0.012			10080	0.027		
6720	0.015			10140	0.027		
6780	0.013			10200	0.013		
6840	0.013			10260	0.013		
6900	0.011			10320	0.028		
6960	0.011			10380	0.017		
7020	0.012			10440	0.012		
7080	0.022			10500	0.013		
7140	0.017			10560	0.013		
7200	0.013			10620	0.017		
7260	0.013			10680	0.019		
7320	0.016			10740	0.011		
7380	0.012			10800	0.013		
7440	0.012			10860	0.011		
7500	0.012			10920	0.010		
7560	0.013			10980	0.020		
7620	0.017			11040	0.023		
7680	0.016			11100	0.024		
7740	0.011			11160	0.028		
7800	0.012			11220	0.011		
7860	0.025			11280	0.010		
7920	0.015			11340	0.010		
7980	0.019			11400	0.009		
8040	0.020			11460	0.011		
8100	0.021			11520	0.014		
8160	0.033			11580	0.011		
8220	0.017			11640	0.014		
8280	0.012			11700	0.017		
8340	0.014			11760	0.018		
8400	0.010			11820	0.023		
8460	0.020			11880	0.017		
8520	0.026			11940	0.011		
8580	0.022			12000	0.009		
8640	0.037			12060	0.009		
8700	0.035			12120	0.009		
8760	0.029			12180	0.012		
8820	0.035			12240	0.009		
8880	0.017			12300	0.011		
8940	0.025			12360	0.013		
9000	0.036			12420	0.014		
9060	0.020			12480	0.012		

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
12540	0.013			15960	Equipment did not record data		
12600	0.010			16020	Equipment did not record data		
12660	0.012			16080	Equipment did not record data		
12720	0.011			16140	Equipment did not record data		
12780	0.011			16200	Equipment did not record data		
12840	0.016			16260	Equipment did not record data		
12900	0.016			16320	Equipment did not record data		
12960	0.016			16380	Equipment did not record data		
13020	0.014			16440	Equipment did not record data		
13080	0.022			16500	Equipment did not record data		
13140	0.018			16560	Equipment did not record data		
13200	0.009			16620	Equipment did not record data		
13260	0.011			16680	Equipment did not record data		
13320	0.012			16740	Equipment did not record data		
13380	0.013			16800	Equipment did not record data		
13440	0.013			16860	Equipment did not record data		
13500	0.013			16920	Equipment did not record data		
13560	0.014			16980	Equipment did not record data		
13620	0.026			17040	Equipment did not record data		
13680	0.012			17100	Equipment did not record data		
13740	0.015			17160	Equipment did not record data		
13800	0.015			17220	Equipment did not record data		
13860	0.019			17280	Equipment did not record data		
13920	0.027			17340	Equipment did not record data		
13980	0.031			17400	Equipment did not record data		
14040	0.022			17460	Equipment did not record data		
14100	0.013			17520	Equipment did not record data		
14160	0.016			17580	Equipment did not record data		
14220	0.017			17640	Equipment did not record data		
14280	0.033			17700	Equipment did not record data		
14340	0.043			17760	Equipment did not record data		
14400	0.027			17820	Equipment did not record data		
14460	0.017			17880	Equipment did not record data		
14520	0.022			17940	Equipment did not record data		
14580	0.016			18000	Equipment did not record data		
14640	0.013			18060	Equipment did not record data		
14700	Equipment did not record data			18120	Equipment did not record data		
14760	Equipment did not record data			18180	Equipment did not record data		
14820	Equipment did not record data			18240	Equipment did not record data		
14880	Equipment did not record data			18300	Equipment did not record data		
14940	Equipment did not record data			18360	0.020		
15000	Equipment did not record data			18420	0.021		
15060	Equipment did not record data			18480	0.012		
15120	Equipment did not record data			18540	0.012		
15180	Equipment did not record data			18600	0.014		
15240	Equipment did not record data			18660	0.012		
15300	Equipment did not record data			18720	0.013		
15360	Equipment did not record data			18780	0.022		
15420	Equipment did not record data			18840	0.021		
15480	Equipment did not record data			18900	0.018		
15540	Equipment did not record data			18960	0.014		
15600	Equipment did not record data			19020	0.013		
15660	Equipment did not record data			19080	0.013		
15720	Equipment did not record data			19140	0.011		
15780	Equipment did not record data			19200	0.012		
15840	Equipment did not record data			19260	0.010		
15900	Equipment did not record data			19320	0.010		

Upwind 6/5/18

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
19380	0.013			22800	0.059		
19440	0.011			22860	0.043		
19500	0.010			22920	0.012		
19560	0.013			22980	0.011		
19620	0.011			23040	0.011		
19680	0.011			23100	0.024		
19740	0.011			23160	0.013		
19800	0.012			23220	0.018		
19860	0.013			23280	0.013		
19920	0.014			23340	0.011		
19980	0.009			23400	0.011		
20040	0.018			23460	0.010		
20100	0.018			23520	0.010		
20160	0.021			23580	0.011		
20220	0.014			23640	0.013		
20280	0.017			23700	0.013		
20340	0.019			23760	0.014		
20400	0.012			23820	0.010		
20460	0.010			23880	0.012		
20520	0.013			23940	0.010		
20580	0.012			24000	0.010		
20640	0.025			24060	0.012		
20700	0.019			24120	0.022		
20760	0.014			24180	0.016		
20820	0.014			24240	0.013		
20880	0.014			24300	0.023		
20940	0.015			24360	0.012		
21000	0.016			24420	0.012		
21060	0.017			24480	0.013		
21120	0.012			24540	0.013		
21180	0.012			24600	0.013		
21240	0.014			24660	0.015		
21300	0.015			24720	0.013		
21360	0.012			24780	0.013		
21420	0.022			24840	0.014		
21480	0.012			24900	0.012		
21540	0.012			24960	0.013		
21600	0.012			25020	0.017		
21660	0.014			25080	0.026		
21720	0.014			25140	0.012		
21780	0.015			25200	0.016		
21840	0.018			25260	0.014		
21900	0.017			25320	0.017		
21960	0.015			25380	0.012		
22020	0.025			25440	0.013		
22080	0.036			25500	0.016		
22140	0.040			25560	0.015		
22200	0.026			25620	0.016		
22260	0.022			25680	0.021		
22320	0.038			25740	0.014		
22380	0.020			25800	0.014		
22440	0.027			25860	0.015		
22500	0.017			25920	0.012		
22560	0.019			25980	0.014		
22620	0.015			26040	0.013		
22680	0.026			26100	0.012		
22740	0.023			26160	0.013		

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>	<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
26220	0.012			29640	0.009		
26280	0.013			29700	0.011		
26340	0.013			29760	0.011		
26400	0.012			29820	0.009		
26460	0.013			29880	0.011		
26520	0.014			29940	0.013		
26580	0.015			30000	0.013		
26640	0.019			30060	0.012		
26700	0.013			30120	0.011		
26760	0.018			30180	0.011		
26820	0.022			30240	0.013		
26880	0.018			30300	0.012		
26940	0.011			30360	0.011		
27000	0.015			30420	0.012		
27060	0.036			30480	0.014		
27120	0.025			30540	0.014		
27180	0.015			30600	0.011		
27240	0.014			30660	0.014		
27300	0.015			30720	0.011		
27360	0.012			30780	0.012		
27420	0.012			30840	0.014		
27480	0.012			30900	0.018		
27540	0.015			30960	0.016		
27600	0.013			31020	0.019		
27660	0.012			31080	0.014		
27720	0.014			31140	0.017		
27780	0.013			31200	0.029		
27840	0.013			31260	0.022		
27900	0.012			31320	0.013		
27960	0.010			31380	0.016		
28020	0.010			31440	0.013		
28080	0.011			31500	0.011		
28140	0.012			31560	0.010		
28200	0.013			31620	0.010		
28260	0.010			31680	0.010		
28320	0.012			31740	0.011		
28380	0.013			31800	0.013		
28440	0.011			31860	0.011		
28500	0.012			31920	0.010		
28560	0.011			31980	0.010		
28620	0.011			32040	0.011		
28680	0.009			32100	0.011		
28740	0.010			32160	0.013		
28800	0.011			32220	0.014		
28860	0.011			32280	0.013		
28920	0.011			32340	0.012		
28980	0.016			32400	0.010		
29040	0.011			32460	0.012		
29100	0.011			32520	0.013		
29160	0.017			32580	0.011		
29220	0.011			32640	0.012		
29280	0.013			32700	0.013		
29340	0.012			32760	0.012		
29400	0.010			32820	0.012		
29460	0.010			32880	0.011		
29520	0.010			32940	0.012		
29580	0.009			33000	0.010		

<u>Elapsed Time [s]</u>	<u>Mass [mg/m3]</u>	<u>Alarms</u>	<u>Errors</u>
33060	0.009		
33120	0.014		
33180	0.010		
33240	0.011		
33300	0.010		
33360	0.011		
33420	0.011		
33480	0.011		
33540	0.008		
33600	0.015		
33660	0.012		
33720	0.013		
33780	0.013		
33840	0.010		
33900	0.010		
33960	0.014		
34020	0.013		
34080	0.009		
34140	0.017		
34200	0.012		
34260	0.009		
34320	0.007		
34380	0.008		
34440	0.009		
34500	0.009		
34560	0.008		
34620	0.010		
34680	0.010		
34740	0.009		
34800	0.010		
34860	0.011		
34920	0.010		
34980	0.009		
35040	0.011		

APPENDIX C

Laboratory Data Packages



ANALYTICAL REPORT

Lab Number:	L1820814
Client:	Laurel Environmental Associates, LTD 53 West Hills Road Suite 1 Huntington Station, NY 11746
ATTN:	Scott Yanuck
Phone:	(631) 673-0612
Project Name:	480 FLUSHING AVE.
Project Number:	17-310
Report Date:	06/18/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1820814-01	SB-1A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 13:45	06/05/18
L1820814-02	SB-2A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 15:05	06/05/18
L1820814-03	SB-3A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 10:55	06/05/18
L1820814-04	SB-4A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 09:45	06/05/18
L1820814-05	SB-5A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 11:40	06/05/18
L1820814-06	SB-6A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 14:00	06/05/18
L1820814-07	SB-7A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 12:10	06/05/18
L1820814-08	SB-8A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 12:25	06/05/18
L1820814-09	SB-1B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 13:50	06/05/18
L1820814-10	SB-2B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 15:15	06/05/18
L1820814-11	SB-3B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 11:10	06/05/18
L1820814-12	SB-4B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 10:10	06/05/18
L1820814-13	SB-5B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 11:50	06/05/18
L1820814-14	SB-6B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 14:10	06/05/18
L1820814-15	SB-7B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 12:15	06/05/18
L1820814-16	SB-8B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 12:30	06/05/18
L1820814-17	DUP-1	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 07:33	06/05/18
L1820814-18	DUP-2	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 07:54	06/05/18
L1820814-19	MW-A	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 16:00	06/05/18
L1820814-20	MW-B	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 13:30	06/05/18
L1820814-21	MW-C	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 10:00	06/05/18
L1820814-22	GW-DUP	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 11:50	06/05/18
L1820814-23	GW-MS	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 14:25	06/05/18
L1820814-24	GW-MSD	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 15:00	06/05/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1820814-25	MS-1	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 08:13	06/05/18
L1820814-26	MSD-2	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 08:42	06/05/18
L1820814-27	MSD-1	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 16:05	06/05/18
L1820814-28	MS-2	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 16:15	06/05/18
L1820814-29	SS-1A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 08:30	06/05/18
L1820814-30	SS-2A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 09:08	06/05/18
L1820814-31	SS-3A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 09:45	06/05/18
L1820814-32	SS-4A	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 10:20	06/05/18
L1820814-33	SS-1B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 08:40	06/05/18
L1820814-34	SS-2B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 09:20	06/05/18
L1820814-35	SS-3B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 09:55	06/05/18
L1820814-36	SS-4B	SOIL	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 10:40	06/05/18
L1820814-37	FIELD BLANK	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 08:30	06/05/18
L1820814-38	FIELD BLANK	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 09:10	06/05/18
L1820814-39	TRIP BLANK	WATER	480 FLUSHING AVE., BROOKLYN, NY	06/05/18 09:10	06/05/18

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820814
Report Date: 06/18/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820814
Report Date: 06/18/18

Case Narrative (continued)

Report Submission

June 18, 2018: This final report includes the results of all requested analyses.

June 13, 2018: This is a preliminary report.

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

Sample Receipt

L1820814-20, -35, and -36: At the client's request, the MS/MSDs were performed on these samples.

L1820814-29: A sample identified as "SS-1A" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-30: A sample identified as "SS-2A" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-31: A sample identified as "SS-3A" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-32: A sample identified as "SS-4A" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-33: A sample identified as "SS-1B" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-34: A sample identified as "SS-2B" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-35: A sample identified as "SS-3B" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-36: A sample identified as "SS-4B" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-37: A sample identified as "FIELD BLANK" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L1820814-38: A sample identified as "FIELD BLANK" was received but not listed on the Chain of Custody. At

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820814
Report Date: 06/18/18

Case Narrative (continued)

the client's request, this sample was analyzed.

L1820814-39: A sample identified as "TRIP BLANK" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

The WG1124998-6/-7 MS/MSD recoveries, performed on L1820814-20, are outside the acceptance criteria for tetrachloroethene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Semivolatile Organics

L1820814-05: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG1124214-4/-5 MS/MSD recoveries, performed on L1820814-35, are below the acceptance criteria for fluoranthene (MS 0%), benzo(a)anthracene (MS 0%), benzo(a)pyrene (MS 7%), benzo(b)fluoranthene (MS 0%), chrysene (MS 0%), phenanthrene (MS 0%), pyrene (MS 0%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (MS 0%), and benzoic acid (0%/0%) due to the concentrations of these compounds falling below the reported detection limits.

The WG1124214-6/-7 MS/MSD recoveries, performed on L1820814-36, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (MSD 0%), and benzoic acid (0%/0%) due to the concentrations of these compounds falling below the reported detection limits.

The WG1124214-6/-7 MS/MSD recoveries, performed on L1820814-36, are outside the acceptance criteria for fluoranthene (0%/0%), benzo(a)anthracene (0%/0%), benzo(a)pyrene (0%/0%), benzo(b)fluoranthene (0%/0%), chrysene (0%/0%), phenanthrene (0%/0%), and pyrene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Perfluorinated Alkyl Acids by Isotope Dilution

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820814
Report Date: 06/18/18

Case Narrative (continued)

L1820814, WG1124581, WG1126304: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1127030-2 closing continuing calibration standard had the response for Perfluorodecanesulfonic Acid (PFDS) (66.9%D) below the acceptance criteria. The results are reported; however, all results are considered to have a potentially low bias for this target compound.

Pesticides

L1820814-01, -05, and -16: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1820814-05 and -16: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L1820814-01 through -18 and -29 through -36: 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.

L1820814-37: The Field Blank has results for aluminum, barium, and calcium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1820814-38: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1124278-3 MS recovery for manganese (147%), performed on L1820814-20, does not apply because the sample concentration is greater than four times the spike amount added.

The WG1124278-3/-4 MS/MSD recoveries, performed on L1820814-20, are outside the acceptance criteria for sodium (151%/145%). A post digestion spike was performed and was within acceptance criteria.

The WG1124760-3/-4 MS/MSD recoveries for aluminum (223%/24%), iron (0%/0%), and manganese (0%/0%), performed on L1820814-35, do not apply because the sample concentrations are greater than four times the

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Case Narrative (continued)

spike amounts added.

The WG1124760-3/-4 MS/MSD recoveries, performed on L1820814-35, are outside the acceptance criteria for calcium (MS 172%), copper (MS 129%), lead (373%/140%), vanadium (58%/52%), and zinc (48%/0%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPDs for calcium (27%), copper (27%), lead (46%), and zinc (29%) are above the acceptance criteria.

The WG1124762-3/-4 MS/MSD recoveries for aluminum (711%/1060%), calcium (0%/1490%), iron (4210%/2760%), lead (223%/195%), manganese (166%/194%), and zinc (892%/1130%), performed on L1820814-36, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1124762-3/-4 MS/MSD recoveries, performed on L1820814-36, are outside the acceptance criteria for cadmium (MS 74%), copper (216%/380%), magnesium (59%/217%), and potassium (MSD 139%). A post digestion spike was performed and yielded an unacceptable recovery for magnesium (72%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG1124762-3/-4 MS/MSD RPDs for calcium (71%), copper (35%), and magnesium (43%), performed on L1820814-36, are above the acceptance criteria.

The WG1124845-4 MSD recovery for mercury (267%), performed on L1820814-35, does not apply because the sample concentration is greater than four times the spike amount added. The MS/MSD RPD (25%) is above the acceptance criteria.

The WG1124846-3/-4 MS/MSD recoveries for mercury (221%/173%), performed on L1820814-36, do not apply because the sample concentration is greater than four times the spike amount added.

Dissolved Metals

L1820814-37: The Field Blank has results for barium, calcium, and sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1820814-38: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

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Case Narrative (continued)

The WG1124651-3/-4 MS/MSD recoveries for calcium (20%/43%) and manganese (1%/26%), performed on L1820814-20, do not apply because the sample concentrations are greater than four times the spike amounts added.

Hexavalent Chromium

The WG1124042-2 LCS recovery (77%), associated with L1820814-01 through -10, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Cyanide, Total

The WG1124444-2/-3 LCS/LCSD recoveries (56%/35%), associated with L1820814-01 through -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD (40%) is above the acceptance criteria.

The WG1124445-2/-3 LCS/LCSD recoveries (57%/35%), associated with L1820814-11 through -18, -29, and -35, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD (41%) is above the acceptance criteria.

The WG1124510-3 LCSD recovery (67%), associated with L1820814-30 through -33, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1124607-3 LCSD recovery (64%), associated with L1820814-34 and -36, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1124444-5 MSD recovery (66%), performed on L1820814-01, is outside the acceptance criteria; however, the associated LCS recovery is within criteria. No further action was taken. The MS/MSD RPD (41%) is above the acceptance criteria.

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:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 06/18/18

ORGANICS

VOLATILES

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01
 Client ID: SB-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 16:30
 Analyst: JC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1300	210	1
1,1-Dichloroethane	ND		ug/kg	190	34.	1
Chloroform	ND		ug/kg	190	47.	1
Carbon tetrachloride	ND		ug/kg	130	44.	1
1,2-Dichloropropane	ND		ug/kg	450	29.	1
Dibromochloromethane	ND		ug/kg	130	22.	1
1,1,2-Trichloroethane	ND		ug/kg	190	40.	1
Tetrachloroethene	8500		ug/kg	130	39.	1
Chlorobenzene	ND		ug/kg	130	44.	1
Trichlorofluoromethane	ND		ug/kg	640	53.	1
1,2-Dichloroethane	ND		ug/kg	130	32.	1
1,1,1-Trichloroethane	48	J	ug/kg	130	45.	1
Bromodichloromethane	ND		ug/kg	130	39.	1
trans-1,3-Dichloropropene	ND		ug/kg	130	27.	1
cis-1,3-Dichloropropene	ND		ug/kg	130	30.	1
1,3-Dichloropropene, Total	ND		ug/kg	130	27.	1
1,1-Dichloropropene	ND		ug/kg	640	42.	1
Bromoform	ND		ug/kg	510	30.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	38.	1
Benzene	ND		ug/kg	130	25.	1
Toluene	ND		ug/kg	190	25.	1
Ethylbenzene	ND		ug/kg	130	22.	1
Chloromethane	ND		ug/kg	640	56.	1
Bromomethane	ND		ug/kg	260	43.	1
Vinyl chloride	ND		ug/kg	260	40.	1
Chloroethane	ND		ug/kg	260	40.	1
1,1-Dichloroethene	ND		ug/kg	130	48.	1
trans-1,2-Dichloroethene	ND		ug/kg	190	31.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-01**Date Collected:** 06/04/18 13:45**Client ID:** SB-1A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	3000		ug/kg	130	39.	1
1,2-Dichlorobenzene	ND		ug/kg	640	23.	1
1,3-Dichlorobenzene	ND		ug/kg	640	28.	1
1,4-Dichlorobenzene	ND		ug/kg	640	23.	1
Methyl tert butyl ether	ND		ug/kg	260	20.	1
p/m-Xylene	ND		ug/kg	260	45.	1
o-Xylene	ND		ug/kg	260	43.	1
Xylenes, Total	ND		ug/kg	260	43.	1
cis-1,2-Dichloroethene	150		ug/kg	130	44.	1
1,2-Dichloroethene, Total	150		ug/kg	130	31.	1
Dibromomethane	ND		ug/kg	1300	31.	1
Styrene	ND		ug/kg	260	51.	1
Dichlorodifluoromethane	ND		ug/kg	1300	64.	1
Acetone	ND		ug/kg	1300	290	1
Carbon disulfide	ND		ug/kg	1300	140	1
2-Butanone	ND		ug/kg	1300	88.	1
Vinyl acetate	ND		ug/kg	1300	20.	1
4-Methyl-2-pentanone	ND		ug/kg	1300	31.	1
1,2,3-Trichloropropane	ND		ug/kg	1300	23.	1
2-Hexanone	ND		ug/kg	1300	85.	1
Bromochloromethane	ND		ug/kg	640	46.	1
2,2-Dichloropropane	ND		ug/kg	640	58.	1
1,2-Dibromoethane	ND		ug/kg	510	25.	1
1,3-Dichloropropane	ND		ug/kg	640	23.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	130	41.	1
Bromobenzene	ND		ug/kg	640	28.	1
n-Butylbenzene	ND		ug/kg	130	29.	1
sec-Butylbenzene	ND		ug/kg	130	28.	1
tert-Butylbenzene	ND		ug/kg	640	32.	1
o-Chlorotoluene	ND		ug/kg	640	28.	1
p-Chlorotoluene	ND		ug/kg	640	23.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	640	51.	1
Hexachlorobutadiene	ND		ug/kg	640	44.	1
Isopropylbenzene	ND		ug/kg	130	25.	1
p-Isopropyltoluene	ND		ug/kg	130	26.	1
Naphthalene	950		ug/kg	640	18.	1
Acrylonitrile	ND		ug/kg	1300	66.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-01**Date Collected:** 06/04/18 13:45**Client ID:** SB-1A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	130	28.	1
1,2,3-Trichlorobenzene	ND		ug/kg	640	32.	1
1,2,4-Trichlorobenzene	ND		ug/kg	640	28.	1
1,3,5-Trimethylbenzene	ND		ug/kg	640	21.	1
1,2,4-Trimethylbenzene	ND		ug/kg	640	24.	1
1,4-Dioxane	ND		ug/kg	5100	1800	1
p-Diethylbenzene	ND		ug/kg	510	510	1
p-Ethyltoluene	ND		ug/kg	510	30.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	510	20.	1
Ethyl ether	ND		ug/kg	640	33.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	640	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-02
 Client ID: SB-2A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:05
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 15:38
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.2	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.37	1
Chloroform	ND		ug/kg	2.0	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.47	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.43	1
Tetrachloroethene	1.3	J	ug/kg	1.4	0.41	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.57	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.48	1
Bromodichloromethane	ND		ug/kg	1.4	0.42	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.32	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.28	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.45	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.41	1
Benzene	ND		ug/kg	1.4	0.26	1
Toluene	0.35	J	ug/kg	2.0	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.23	1
Chloromethane	ND		ug/kg	6.8	0.60	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.43	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.51	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.33	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-02**Date Collected:** 06/05/18 15:05**Client ID:** SB-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	0.96	J	ug/kg	1.4	0.41	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.21	1
p/m-Xylene	ND		ug/kg	2.7	0.48	1
o-Xylene	ND		ug/kg	2.7	0.46	1
Xylenes, Total	ND		ug/kg	2.7	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.47	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.33	1
Dibromomethane	ND		ug/kg	14	0.33	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.68	1
Acetone	3.4	J	ug/kg	14	3.1	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.94	1
Vinyl acetate	ND		ug/kg	14	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.24	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.8	0.49	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.62	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.27	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.30	1
n-Butylbenzene	ND		ug/kg	1.4	0.31	1
sec-Butylbenzene	ND		ug/kg	1.4	0.30	1
tert-Butylbenzene	ND		ug/kg	6.8	0.34	1
o-Chlorotoluene	ND		ug/kg	6.8	0.30	1
p-Chlorotoluene	ND		ug/kg	6.8	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.48	1
Isopropylbenzene	ND		ug/kg	1.4	0.26	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.28	1
Naphthalene	ND		ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-02**Date Collected:** 06/05/18 15:05**Client ID:** SB-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.25	1
1,4-Dioxane	ND		ug/kg	55	20.	1
p-Diethylbenzene	ND		ug/kg	5.5	5.5	1
p-Ethyltoluene	ND		ug/kg	5.5	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.5	0.21	1
Ethyl ether	ND		ug/kg	6.8	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	109		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-03
 Client ID: SB-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 16:57
 Analyst: JC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	950	160	1
1,1-Dichloroethane	ND		ug/kg	140	26.	1
Chloroform	ND		ug/kg	140	35.	1
Carbon tetrachloride	ND		ug/kg	95	33.	1
1,2-Dichloropropane	ND		ug/kg	330	22.	1
Dibromochloromethane	ND		ug/kg	95	17.	1
1,1,2-Trichloroethane	ND		ug/kg	140	30.	1
Tetrachloroethene	2500		ug/kg	95	29.	1
Chlorobenzene	ND		ug/kg	95	33.	1
Trichlorofluoromethane	ND		ug/kg	480	40.	1
1,2-Dichloroethane	ND		ug/kg	95	23.	1
1,1,1-Trichloroethane	ND		ug/kg	95	33.	1
Bromodichloromethane	ND		ug/kg	95	29.	1
trans-1,3-Dichloropropene	ND		ug/kg	95	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	95	22.	1
1,3-Dichloropropene, Total	ND		ug/kg	95	20.	1
1,1-Dichloropropene	ND		ug/kg	480	31.	1
Bromoform	ND		ug/kg	380	23.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	95	28.	1
Benzene	ND		ug/kg	95	18.	1
Toluene	ND		ug/kg	140	18.	1
Ethylbenzene	ND		ug/kg	95	16.	1
Chloromethane	ND		ug/kg	480	42.	1
Bromomethane	ND		ug/kg	190	32.	1
Vinyl chloride	ND		ug/kg	190	30.	1
Chloroethane	ND		ug/kg	190	30.	1
1,1-Dichloroethene	ND		ug/kg	95	35.	1
trans-1,2-Dichloroethene	ND		ug/kg	140	23.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-03**Date Collected:** 06/05/18 10:55**Client ID:** SB-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	1200		ug/kg	95	29.	1
1,2-Dichlorobenzene	ND		ug/kg	480	17.	1
1,3-Dichlorobenzene	ND		ug/kg	480	21.	1
1,4-Dichlorobenzene	ND		ug/kg	480	17.	1
Methyl tert butyl ether	ND		ug/kg	190	14.	1
p/m-Xylene	ND		ug/kg	190	33.	1
o-Xylene	ND		ug/kg	190	32.	1
Xylenes, Total	ND		ug/kg	190	32.	1
cis-1,2-Dichloroethene	ND		ug/kg	95	33.	1
1,2-Dichloroethene, Total	ND		ug/kg	95	23.	1
Dibromomethane	ND		ug/kg	950	23.	1
Styrene	ND		ug/kg	190	38.	1
Dichlorodifluoromethane	ND		ug/kg	950	48.	1
Acetone	ND		ug/kg	950	220	1
Carbon disulfide	ND		ug/kg	950	100	1
2-Butanone	ND		ug/kg	950	66.	1
Vinyl acetate	ND		ug/kg	950	14.	1
4-Methyl-2-pentanone	ND		ug/kg	950	23.	1
1,2,3-Trichloropropane	ND		ug/kg	950	17.	1
2-Hexanone	ND		ug/kg	950	64.	1
Bromochloromethane	ND		ug/kg	480	34.	1
2,2-Dichloropropane	ND		ug/kg	480	43.	1
1,2-Dibromoethane	ND		ug/kg	380	19.	1
1,3-Dichloropropane	ND		ug/kg	480	17.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	95	30.	1
Bromobenzene	ND		ug/kg	480	21.	1
n-Butylbenzene	ND		ug/kg	95	22.	1
sec-Butylbenzene	ND		ug/kg	95	21.	1
tert-Butylbenzene	ND		ug/kg	480	24.	1
o-Chlorotoluene	ND		ug/kg	480	21.	1
p-Chlorotoluene	ND		ug/kg	480	17.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	480	38.	1
Hexachlorobutadiene	ND		ug/kg	480	33.	1
Isopropylbenzene	ND		ug/kg	95	18.	1
p-Isopropyltoluene	ND		ug/kg	95	19.	1
Naphthalene	100	J	ug/kg	480	13.	1
Acrylonitrile	ND		ug/kg	950	49.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-03**Date Collected:** 06/05/18 10:55**Client ID:** SB-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	95	20.	1
1,2,3-Trichlorobenzene	ND		ug/kg	480	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	480	20.	1
1,3,5-Trimethylbenzene	ND		ug/kg	480	15.	1
1,2,4-Trimethylbenzene	ND		ug/kg	480	18.	1
1,4-Dioxane	ND		ug/kg	3800	1400	1
p-Diethylbenzene	ND		ug/kg	380	380	1
p-Ethyltoluene	ND		ug/kg	380	22.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	380	15.	1
Ethyl ether	ND		ug/kg	480	25.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	480	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-04
 Client ID: SB-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 16:04
 Analyst: JC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.34	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.44	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.40	1
Tetrachloroethene	2.5		ug/kg	1.3	0.38	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.3	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.44	1
Bromodichloromethane	ND		ug/kg	1.3	0.39	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.26	1
1,1-Dichloropropene	ND		ug/kg	6.3	0.42	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.38	1
Benzene	ND		ug/kg	1.3	0.24	1
Toluene	0.28	J	ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.3	0.55	1
Bromomethane	ND		ug/kg	2.5	0.43	1
Vinyl chloride	ND		ug/kg	2.5	0.40	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.47	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.30	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-04**Date Collected:** 06/04/18 09:45**Client ID:** SB-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	0.62	J	ug/kg	1.3	0.38	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	6.3	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	6.3	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.19	1
p/m-Xylene	ND		ug/kg	2.5	0.44	1
o-Xylene	ND		ug/kg	2.5	0.43	1
Xylenes, Total	ND		ug/kg	2.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.43	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.30	1
Dibromomethane	ND		ug/kg	13	0.30	1
Styrene	ND		ug/kg	2.5	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.63	1
Acetone	ND		ug/kg	13	2.9	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.87	1
Vinyl acetate	ND		ug/kg	13	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.22	1
2-Hexanone	ND		ug/kg	13	0.84	1
Bromochloromethane	ND		ug/kg	6.3	0.45	1
2,2-Dichloropropane	ND		ug/kg	6.3	0.57	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.25	1
1,3-Dichloropropane	ND		ug/kg	6.3	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.40	1
Bromobenzene	ND		ug/kg	6.3	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.29	1
sec-Butylbenzene	ND		ug/kg	1.3	0.27	1
tert-Butylbenzene	ND		ug/kg	6.3	0.31	1
o-Chlorotoluene	ND		ug/kg	6.3	0.28	1
p-Chlorotoluene	ND		ug/kg	6.3	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.44	1
Isopropylbenzene	ND		ug/kg	1.3	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.3	0.17	1
Acrylonitrile	ND		ug/kg	13	0.65	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-04**Date Collected:** 06/04/18 09:45**Client ID:** SB-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.3	0.24	1
1,4-Dioxane	ND		ug/kg	51	18.	1
p-Diethylbenzene	ND		ug/kg	5.1	5.1	1
p-Ethyltoluene	ND		ug/kg	5.1	0.30	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.1	0.20	1
Ethyl ether	ND		ug/kg	6.3	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D
 Client ID: SB-5A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/09/18 17:22

Analyst: JC

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7300	1200	5
1,1-Dichloroethane	ND		ug/kg	1100	200	5
Chloroform	ND		ug/kg	1100	270	5
Carbon tetrachloride	ND		ug/kg	730	250	5
1,2-Dichloropropane	ND		ug/kg	2600	170	5
Dibromochloromethane	ND		ug/kg	730	130	5
1,1,2-Trichloroethane	ND		ug/kg	1100	230	5
Tetrachloroethene	99000		ug/kg	730	220	5
Chlorobenzene	ND		ug/kg	730	250	5
Trichlorofluoromethane	ND		ug/kg	3600	300	5
1,2-Dichloroethane	ND		ug/kg	730	180	5
1,1,1-Trichloroethane	3000		ug/kg	730	260	5
Bromodichloromethane	ND		ug/kg	730	220	5
trans-1,3-Dichloropropene	ND		ug/kg	730	150	5
cis-1,3-Dichloropropene	ND		ug/kg	730	170	5
1,3-Dichloropropene, Total	ND		ug/kg	730	150	5
1,1-Dichloropropene	ND		ug/kg	3600	240	5
Bromoform	ND		ug/kg	2900	170	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	730	220	5
Benzene	ND		ug/kg	730	140	5
Toluene	ND		ug/kg	1100	140	5
Ethylbenzene	ND		ug/kg	730	120	5
Chloromethane	ND		ug/kg	3600	320	5
Bromomethane	ND		ug/kg	1500	250	5
Vinyl chloride	ND		ug/kg	1500	230	5
Chloroethane	ND		ug/kg	1500	230	5
1,1-Dichloroethene	ND		ug/kg	730	270	5
trans-1,2-Dichloroethene	ND		ug/kg	1100	180	5

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D
 Client ID: SB-5A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	15000		ug/kg	730	220	5
1,2-Dichlorobenzene	ND		ug/kg	3600	130	5
1,3-Dichlorobenzene	ND		ug/kg	3600	160	5
1,4-Dichlorobenzene	ND		ug/kg	3600	130	5
Methyl tert butyl ether	ND		ug/kg	1500	110	5
p/m-Xylene	ND		ug/kg	1500	260	5
o-Xylene	ND		ug/kg	1500	250	5
Xylenes, Total	ND		ug/kg	1500	250	5
cis-1,2-Dichloroethene	ND		ug/kg	730	250	5
1,2-Dichloroethene, Total	ND		ug/kg	730	180	5
Dibromomethane	ND		ug/kg	7300	170	5
Styrene	ND		ug/kg	1500	290	5
Dichlorodifluoromethane	ND		ug/kg	7300	360	5
Acetone	ND		ug/kg	7300	1700	5
Carbon disulfide	ND		ug/kg	7300	800	5
2-Butanone	ND		ug/kg	7300	500	5
Vinyl acetate	ND		ug/kg	7300	110	5
4-Methyl-2-pentanone	ND		ug/kg	7300	180	5
1,2,3-Trichloropropane	ND		ug/kg	7300	130	5
2-Hexanone	ND		ug/kg	7300	490	5
Bromochloromethane	ND		ug/kg	3600	260	5
2,2-Dichloropropane	ND		ug/kg	3600	330	5
1,2-Dibromoethane	ND		ug/kg	2900	140	5
1,3-Dichloropropane	ND		ug/kg	3600	130	5
1,1,1,2-Tetrachloroethane	ND		ug/kg	730	230	5
Bromobenzene	ND		ug/kg	3600	160	5
n-Butylbenzene	ND		ug/kg	730	170	5
sec-Butylbenzene	ND		ug/kg	730	160	5
tert-Butylbenzene	ND		ug/kg	3600	180	5
o-Chlorotoluene	ND		ug/kg	3600	160	5
p-Chlorotoluene	ND		ug/kg	3600	130	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	3600	290	5
Hexachlorobutadiene	ND		ug/kg	3600	250	5
Isopropylbenzene	ND		ug/kg	730	140	5
p-Isopropyltoluene	ND		ug/kg	730	150	5
Naphthalene	1800	J	ug/kg	3600	100	5
Acrylonitrile	ND		ug/kg	7300	380	5

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-05 D**Date Collected:** 06/05/18 11:40**Client ID:** SB-5A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	730	160	5
1,2,3-Trichlorobenzene	ND		ug/kg	3600	180	5
1,2,4-Trichlorobenzene	ND		ug/kg	3600	160	5
1,3,5-Trimethylbenzene	ND		ug/kg	3600	120	5
1,2,4-Trimethylbenzene	ND		ug/kg	3600	140	5
1,4-Dioxane	ND		ug/kg	29000	10000	5
p-Diethylbenzene	ND		ug/kg	2900	2900	5
p-Ethyltoluene	ND		ug/kg	2900	170	5
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2900	110	5
Ethyl ether	ND		ug/kg	3600	190	5
trans-1,4-Dichloro-2-butene	ND		ug/kg	3600	290	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-06
 Client ID: SB-6A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 10:51
 Analyst: JC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.35	1
Chloroform	ND		ug/kg	1.9	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.44	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.40	1
Tetrachloroethene	1.2	J	ug/kg	1.3	0.39	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.45	1
Bromodichloromethane	ND		ug/kg	1.3	0.40	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.27	1
1,1-Dichloropropene	ND		ug/kg	6.4	0.42	1
Bromoform	ND		ug/kg	5.2	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.38	1
Benzene	ND		ug/kg	1.3	0.25	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.4	0.56	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.41	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.31	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-06**Date Collected:** 06/05/18 14:00**Client ID:** SB-6A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.3	0.39	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.45	1
o-Xylene	ND		ug/kg	2.6	0.44	1
Xylenes, Total	ND		ug/kg	2.6	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.44	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.31	1
Dibromomethane	ND		ug/kg	13	0.31	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.64	1
Acetone	ND		ug/kg	13	3.0	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.89	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.23	1
2-Hexanone	ND		ug/kg	13	0.86	1
Bromochloromethane	ND		ug/kg	6.4	0.46	1
2,2-Dichloropropane	ND		ug/kg	6.4	0.58	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.26	1
1,3-Dichloropropane	ND		ug/kg	6.4	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.4	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.29	1
sec-Butylbenzene	ND		ug/kg	1.3	0.28	1
tert-Butylbenzene	ND		ug/kg	6.4	0.32	1
o-Chlorotoluene	ND		ug/kg	6.4	0.28	1
p-Chlorotoluene	ND		ug/kg	6.4	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.45	1
Isopropylbenzene	ND		ug/kg	1.3	0.25	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.4	0.18	1
Acrylonitrile	ND		ug/kg	13	0.66	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-06**Date Collected:** 06/05/18 14:00**Client ID:** SB-6A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.24	1
1,4-Dioxane	ND		ug/kg	52	18.	1
p-Diethylbenzene	ND		ug/kg	5.2	5.2	1
p-Ethyltoluene	ND		ug/kg	5.2	0.30	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.20	1
Ethyl ether	ND		ug/kg	6.4	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-07
 Client ID: SB-7A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 11:18
 Analyst: JC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.9	1
1,1-Dichloroethane	0.41	J	ug/kg	1.8	0.32	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.41	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	34		ug/kg	1.2	0.36	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.29	1
1,1,1-Trichloroethane	6.0		ug/kg	1.2	0.41	1
Bromodichloromethane	ND		ug/kg	1.2	0.36	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.24	1
1,1-Dichloropropene	ND		ug/kg	5.9	0.39	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.35	1
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Chloromethane	ND		ug/kg	5.9	0.51	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.37	1
Chloroethane	ND		ug/kg	2.4	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.28	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-07**Date Collected:** 06/04/18 12:10**Client ID:** SB-7A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	14		ug/kg	1.2	0.36	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.41	1
o-Xylene	ND		ug/kg	2.4	0.40	1
Xylenes, Total	ND		ug/kg	2.4	0.40	1
cis-1,2-Dichloroethene	17		ug/kg	1.2	0.40	1
1,2-Dichloroethene, Total	17		ug/kg	1.2	0.28	1
Dibromomethane	ND		ug/kg	12	0.28	1
Styrene	ND		ug/kg	2.4	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.59	1
Acetone	4.2	J	ug/kg	12	2.7	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.81	1
Vinyl acetate	ND		ug/kg	12	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.21	1
2-Hexanone	ND		ug/kg	12	0.78	1
Bromochloromethane	ND		ug/kg	5.9	0.42	1
2,2-Dichloropropane	ND		ug/kg	5.9	0.53	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.23	1
1,3-Dichloropropane	ND		ug/kg	5.9	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	5.9	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.27	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	5.9	0.29	1
o-Chlorotoluene	ND		ug/kg	5.9	0.26	1
p-Chlorotoluene	ND		ug/kg	5.9	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.47	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.41	1
Isopropylbenzene	ND		ug/kg	1.2	0.23	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	ND		ug/kg	5.9	0.16	1
Acrylonitrile	ND		ug/kg	12	0.61	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-07**Date Collected:** 06/04/18 12:10**Client ID:** SB-7A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.22	1
1,4-Dioxane	ND		ug/kg	47	17.	1
p-Diethylbenzene	ND		ug/kg	4.7	4.7	1
p-Ethyltoluene	ND		ug/kg	4.7	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.7	0.18	1
Ethyl ether	ND		ug/kg	5.9	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-08
 Client ID: SB-8A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:25
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 11:43
 Analyst: JC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	3.0	1
1,1-Dichloroethane	1.3	J	ug/kg	2.7	0.49	1
Chloroform	ND		ug/kg	2.7	0.67	1
Carbon tetrachloride	ND		ug/kg	1.8	0.63	1
1,2-Dichloropropane	ND		ug/kg	6.4	0.41	1
Dibromochloromethane	ND		ug/kg	1.8	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	0.57	1
Tetrachloroethene	1.0	J	ug/kg	1.8	0.55	1
Chlorobenzene	ND		ug/kg	1.8	0.63	1
Trichlorofluoromethane	ND		ug/kg	9.1	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.45	1
1,1,1-Trichloroethane	7.3		ug/kg	1.8	0.64	1
Bromodichloromethane	ND		ug/kg	1.8	0.56	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.42	1
1,3-Dichloropropene, Total	ND		ug/kg	1.8	0.38	1
1,1-Dichloropropene	ND		ug/kg	9.1	0.60	1
Bromoform	ND		ug/kg	7.3	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.54	1
Benzene	ND		ug/kg	1.8	0.35	1
Toluene	0.52	J	ug/kg	2.7	0.35	1
Ethylbenzene	ND		ug/kg	1.8	0.31	1
Chloromethane	ND		ug/kg	9.1	0.79	1
Bromomethane	ND		ug/kg	3.6	0.61	1
Vinyl chloride	ND		ug/kg	3.6	0.57	1
Chloroethane	ND		ug/kg	3.6	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.68	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.44	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-08**Date Collected:** 06/05/18 12:25**Client ID:** SB-8A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.8	0.55	1
1,2-Dichlorobenzene	ND		ug/kg	9.1	0.33	1
1,3-Dichlorobenzene	ND		ug/kg	9.1	0.40	1
1,4-Dichlorobenzene	ND		ug/kg	9.1	0.33	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.28	1
p/m-Xylene	ND		ug/kg	3.6	0.64	1
o-Xylene	ND		ug/kg	3.6	0.61	1
Xylenes, Total	ND		ug/kg	3.6	0.61	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.62	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.44	1
Dibromomethane	ND		ug/kg	18	0.43	1
Styrene	ND		ug/kg	3.6	0.73	1
Dichlorodifluoromethane	ND		ug/kg	18	0.91	1
Acetone	57		ug/kg	18	4.2	1
Carbon disulfide	ND		ug/kg	18	2.0	1
2-Butanone	4.4	J	ug/kg	18	1.2	1
Vinyl acetate	ND		ug/kg	18	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	18	0.44	1
1,2,3-Trichloropropane	ND		ug/kg	18	0.32	1
2-Hexanone	ND		ug/kg	18	1.2	1
Bromochloromethane	ND		ug/kg	9.1	0.65	1
2,2-Dichloropropane	ND		ug/kg	9.1	0.82	1
1,2-Dibromoethane	ND		ug/kg	7.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	9.1	0.33	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	0.58	1
Bromobenzene	ND		ug/kg	9.1	0.40	1
n-Butylbenzene	ND		ug/kg	1.8	0.41	1
sec-Butylbenzene	ND		ug/kg	1.8	0.39	1
tert-Butylbenzene	ND		ug/kg	9.1	0.45	1
o-Chlorotoluene	ND		ug/kg	9.1	0.40	1
p-Chlorotoluene	ND		ug/kg	9.1	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.1	0.72	1
Hexachlorobutadiene	ND		ug/kg	9.1	0.63	1
Isopropylbenzene	ND		ug/kg	1.8	0.35	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.37	1
Naphthalene	ND		ug/kg	9.1	0.25	1
Acrylonitrile	ND		ug/kg	18	0.93	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-08**Date Collected:** 06/05/18 12:25**Client ID:** SB-8A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.39	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.1	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.1	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.1	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	9.1	0.34	1
1,4-Dioxane	ND		ug/kg	73	26.	1
p-Diethylbenzene	ND		ug/kg	7.3	7.3	1
p-Ethyltoluene	ND		ug/kg	7.3	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.3	0.28	1
Ethyl ether	ND		ug/kg	9.1	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.1	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-09
 Client ID: SB-1B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 12:09
 Analyst: JC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	24	3.9	1
1,1-Dichloroethane	ND		ug/kg	3.6	0.64	1
Chloroform	ND		ug/kg	3.6	0.88	1
Carbon tetrachloride	ND		ug/kg	2.4	0.82	1
1,2-Dichloropropane	ND		ug/kg	8.3	0.54	1
Dibromochloromethane	ND		ug/kg	2.4	0.42	1
1,1,2-Trichloroethane	ND		ug/kg	3.6	0.75	1
Tetrachloroethene	ND		ug/kg	2.4	0.72	1
Chlorobenzene	ND		ug/kg	2.4	0.83	1
Trichlorofluoromethane	ND		ug/kg	12	0.99	1
1,2-Dichloroethane	ND		ug/kg	2.4	0.59	1
1,1,1-Trichloroethane	ND		ug/kg	2.4	0.83	1
Bromodichloromethane	ND		ug/kg	2.4	0.73	1
trans-1,3-Dichloropropene	ND		ug/kg	2.4	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	2.4	0.55	1
1,3-Dichloropropene, Total	ND		ug/kg	2.4	0.50	1
1,1-Dichloropropene	ND		ug/kg	12	0.78	1
Bromoform	ND		ug/kg	9.5	0.56	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.4	0.71	1
Benzene	ND		ug/kg	2.4	0.46	1
Toluene	ND		ug/kg	3.6	0.46	1
Ethylbenzene	ND		ug/kg	2.4	0.40	1
Chloromethane	ND		ug/kg	12	1.0	1
Bromomethane	ND		ug/kg	4.8	0.80	1
Vinyl chloride	ND		ug/kg	4.8	0.75	1
Chloroethane	ND		ug/kg	4.8	0.75	1
1,1-Dichloroethene	ND		ug/kg	2.4	0.89	1
trans-1,2-Dichloroethene	ND		ug/kg	3.6	0.57	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-09**Date Collected:** 06/04/18 13:50**Client ID:** SB-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	2.4	0.72	1
1,2-Dichlorobenzene	ND		ug/kg	12	0.43	1
1,3-Dichlorobenzene	ND		ug/kg	12	0.52	1
1,4-Dichlorobenzene	ND		ug/kg	12	0.43	1
Methyl tert butyl ether	ND		ug/kg	4.8	0.36	1
p/m-Xylene	ND		ug/kg	4.8	0.84	1
o-Xylene	ND		ug/kg	4.8	0.80	1
Xylenes, Total	ND		ug/kg	4.8	0.80	1
cis-1,2-Dichloroethene	ND		ug/kg	2.4	0.82	1
1,2-Dichloroethene, Total	ND		ug/kg	2.4	0.57	1
Dibromomethane	ND		ug/kg	24	0.57	1
Styrene	ND		ug/kg	4.8	0.96	1
Dichlorodifluoromethane	ND		ug/kg	24	1.2	1
Acetone	11	J	ug/kg	24	5.4	1
Carbon disulfide	ND		ug/kg	24	2.6	1
2-Butanone	ND		ug/kg	24	1.6	1
Vinyl acetate	ND		ug/kg	24	0.36	1
4-Methyl-2-pentanone	ND		ug/kg	24	0.58	1
1,2,3-Trichloropropane	ND		ug/kg	24	0.42	1
2-Hexanone	ND		ug/kg	24	1.6	1
Bromochloromethane	ND		ug/kg	12	0.85	1
2,2-Dichloropropane	ND		ug/kg	12	1.1	1
1,2-Dibromoethane	ND		ug/kg	9.5	0.47	1
1,3-Dichloropropane	ND		ug/kg	12	0.44	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.4	0.76	1
Bromobenzene	ND		ug/kg	12	0.52	1
n-Butylbenzene	ND		ug/kg	2.4	0.54	1
sec-Butylbenzene	ND		ug/kg	2.4	0.52	1
tert-Butylbenzene	ND		ug/kg	12	0.59	1
o-Chlorotoluene	ND		ug/kg	12	0.53	1
p-Chlorotoluene	ND		ug/kg	12	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	0.94	1
Hexachlorobutadiene	ND		ug/kg	12	0.83	1
Isopropylbenzene	ND		ug/kg	2.4	0.46	1
p-Isopropyltoluene	ND		ug/kg	2.4	0.48	1
Naphthalene	0.44	J	ug/kg	12	0.33	1
Acrylonitrile	ND		ug/kg	24	1.2	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-09**Date Collected:** 06/04/18 13:50**Client ID:** SB-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.4	0.51	1
1,2,3-Trichlorobenzene	ND		ug/kg	12	0.60	1
1,2,4-Trichlorobenzene	ND		ug/kg	12	0.51	1
1,3,5-Trimethylbenzene	ND		ug/kg	12	0.38	1
1,2,4-Trimethylbenzene	ND		ug/kg	12	0.44	1
1,4-Dioxane	ND		ug/kg	95	34.	1
p-Diethylbenzene	ND		ug/kg	9.5	9.5	1
p-Ethyltoluene	ND		ug/kg	9.5	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	9.5	0.37	1
Ethyl ether	ND		ug/kg	12	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-10
 Client ID: SB-2B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 12:36
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.3	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.38	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.48	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.44	1
Tetrachloroethene	6.7		ug/kg	1.4	0.42	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.58	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.49	1
Bromodichloromethane	ND		ug/kg	1.4	0.43	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.32	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.29	1
1,1-Dichloropropene	ND		ug/kg	7.0	0.46	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.42	1
Benzene	ND		ug/kg	1.4	0.27	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.0	0.61	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.44	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.52	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.34	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-10**Date Collected:** 06/05/18 15:15**Client ID:** SB-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	4.7		ug/kg	1.4	0.42	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.21	1
p/m-Xylene	ND		ug/kg	2.8	0.49	1
o-Xylene	ND		ug/kg	2.8	0.47	1
Xylenes, Total	ND		ug/kg	2.8	0.47	1
cis-1,2-Dichloroethene	0.74	J	ug/kg	1.4	0.48	1
1,2-Dichloroethene, Total	0.74	J	ug/kg	1.4	0.34	1
Dibromomethane	ND		ug/kg	14	0.34	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.70	1
Acetone	ND		ug/kg	14	3.2	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.97	1
Vinyl acetate	ND		ug/kg	14	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.25	1
2-Hexanone	ND		ug/kg	14	0.94	1
Bromochloromethane	ND		ug/kg	7.0	0.50	1
2,2-Dichloropropane	ND		ug/kg	7.0	0.63	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.0	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.45	1
Bromobenzene	ND		ug/kg	7.0	0.31	1
n-Butylbenzene	ND		ug/kg	1.4	0.32	1
sec-Butylbenzene	ND		ug/kg	1.4	0.30	1
tert-Butylbenzene	ND		ug/kg	7.0	0.35	1
o-Chlorotoluene	ND		ug/kg	7.0	0.31	1
p-Chlorotoluene	ND		ug/kg	7.0	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.56	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.49	1
Isopropylbenzene	ND		ug/kg	1.4	0.27	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.28	1
Naphthalene	ND		ug/kg	7.0	0.19	1
Acrylonitrile	ND		ug/kg	14	0.72	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-10**Date Collected:** 06/05/18 15:15**Client ID:** SB-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.26	1
1,4-Dioxane	ND		ug/kg	56	20.	1
p-Diethylbenzene	ND		ug/kg	5.6	5.6	1
p-Ethyltoluene	ND		ug/kg	5.6	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.6	0.22	1
Ethyl ether	ND		ug/kg	7.0	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-11
 Client ID: SB-3B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 13:01
 Analyst: JC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	3.1	1
1,1-Dichloroethane	ND		ug/kg	2.8	0.51	1
Chloroform	ND		ug/kg	2.8	0.70	1
Carbon tetrachloride	ND		ug/kg	1.9	0.65	1
1,2-Dichloropropane	ND		ug/kg	6.6	0.43	1
Dibromochloromethane	ND		ug/kg	1.9	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	0.59	1
Tetrachloroethene	7.9		ug/kg	1.9	0.57	1
Chlorobenzene	ND		ug/kg	1.9	0.65	1
Trichlorofluoromethane	ND		ug/kg	9.4	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	0.66	1
Bromodichloromethane	ND		ug/kg	1.9	0.58	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	1.9	0.43	1
1,3-Dichloropropene, Total	ND		ug/kg	1.9	0.39	1
1,1-Dichloropropene	ND		ug/kg	9.4	0.62	1
Bromoform	ND		ug/kg	7.5	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.9	0.56	1
Benzene	ND		ug/kg	1.9	0.36	1
Toluene	0.49	J	ug/kg	2.8	0.37	1
Ethylbenzene	ND		ug/kg	1.9	0.32	1
Chloromethane	ND		ug/kg	9.4	0.82	1
Bromomethane	ND		ug/kg	3.8	0.64	1
Vinyl chloride	ND		ug/kg	3.8	0.59	1
Chloroethane	ND		ug/kg	3.8	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.70	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.45	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-11**Date Collected:** 06/05/18 11:10**Client ID:** SB-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	4.2		ug/kg	1.9	0.57	1
1,2-Dichlorobenzene	ND		ug/kg	9.4	0.34	1
1,3-Dichlorobenzene	ND		ug/kg	9.4	0.41	1
1,4-Dichlorobenzene	ND		ug/kg	9.4	0.34	1
Methyl tert butyl ether	ND		ug/kg	3.8	0.29	1
p/m-Xylene	ND		ug/kg	3.8	0.66	1
o-Xylene	ND		ug/kg	3.8	0.64	1
Xylenes, Total	ND		ug/kg	3.8	0.64	1
cis-1,2-Dichloroethene	2.0		ug/kg	1.9	0.64	1
1,2-Dichloroethene, Total	2.0		ug/kg	1.9	0.45	1
Dibromomethane	ND		ug/kg	19	0.45	1
Styrene	ND		ug/kg	3.8	0.75	1
Dichlorodifluoromethane	ND		ug/kg	19	0.94	1
Acetone	10	J	ug/kg	19	4.3	1
Carbon disulfide	ND		ug/kg	19	2.1	1
2-Butanone	ND		ug/kg	19	1.3	1
Vinyl acetate	ND		ug/kg	19	0.29	1
4-Methyl-2-pentanone	ND		ug/kg	19	0.46	1
1,2,3-Trichloropropane	ND		ug/kg	19	0.33	1
2-Hexanone	ND		ug/kg	19	1.2	1
Bromochloromethane	ND		ug/kg	9.4	0.67	1
2,2-Dichloropropane	ND		ug/kg	9.4	0.85	1
1,2-Dibromoethane	ND		ug/kg	7.5	0.37	1
1,3-Dichloropropane	ND		ug/kg	9.4	0.34	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.9	0.60	1
Bromobenzene	ND		ug/kg	9.4	0.41	1
n-Butylbenzene	ND		ug/kg	1.9	0.43	1
sec-Butylbenzene	ND		ug/kg	1.9	0.41	1
tert-Butylbenzene	ND		ug/kg	9.4	0.46	1
o-Chlorotoluene	ND		ug/kg	9.4	0.42	1
p-Chlorotoluene	ND		ug/kg	9.4	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.4	0.74	1
Hexachlorobutadiene	ND		ug/kg	9.4	0.65	1
Isopropylbenzene	ND		ug/kg	1.9	0.36	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.38	1
Naphthalene	ND		ug/kg	9.4	0.26	1
Acrylonitrile	ND		ug/kg	19	0.97	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-11**Date Collected:** 06/05/18 11:10**Client ID:** SB-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.9	0.40	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.4	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.4	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.4	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	9.4	0.35	1
1,4-Dioxane	ND		ug/kg	75	27.	1
p-Diethylbenzene	ND		ug/kg	7.5	7.5	1
p-Ethyltoluene	ND		ug/kg	7.5	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.5	0.29	1
Ethyl ether	ND		ug/kg	9.4	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.4	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-12
 Client ID: SB-4B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 13:27
 Analyst: JC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	22	3.7	1
1,1-Dichloroethane	ND		ug/kg	3.4	0.60	1
Chloroform	ND		ug/kg	3.4	0.83	1
Carbon tetrachloride	ND		ug/kg	2.2	0.77	1
1,2-Dichloropropane	ND		ug/kg	7.8	0.51	1
Dibromochloromethane	ND		ug/kg	2.2	0.39	1
1,1,2-Trichloroethane	ND		ug/kg	3.4	0.70	1
Tetrachloroethene	45		ug/kg	2.2	0.68	1
Chlorobenzene	ND		ug/kg	2.2	0.78	1
Trichlorofluoromethane	ND		ug/kg	11	0.93	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.55	1
1,1,1-Trichloroethane	ND		ug/kg	2.2	0.78	1
Bromodichloromethane	ND		ug/kg	2.2	0.69	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	2.2	0.52	1
1,3-Dichloropropene, Total	ND		ug/kg	2.2	0.46	1
1,1-Dichloropropene	ND		ug/kg	11	0.73	1
Bromoform	ND		ug/kg	8.9	0.53	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	0.67	1
Benzene	ND		ug/kg	2.2	0.43	1
Toluene	0.51	J	ug/kg	3.4	0.44	1
Ethylbenzene	ND		ug/kg	2.2	0.38	1
Chloromethane	ND		ug/kg	11	0.98	1
Bromomethane	ND		ug/kg	4.5	0.76	1
Vinyl chloride	ND		ug/kg	4.5	0.70	1
Chloroethane	ND		ug/kg	4.5	0.71	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.83	1
trans-1,2-Dichloroethene	ND		ug/kg	3.4	0.54	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-12**Date Collected:** 06/04/18 10:10**Client ID:** SB-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	4.1		ug/kg	2.2	0.68	1
1,2-Dichlorobenzene	ND		ug/kg	11	0.41	1
1,3-Dichlorobenzene	ND		ug/kg	11	0.49	1
1,4-Dichlorobenzene	ND		ug/kg	11	0.41	1
Methyl tert butyl ether	ND		ug/kg	4.5	0.34	1
p/m-Xylene	ND		ug/kg	4.5	0.78	1
o-Xylene	ND		ug/kg	4.5	0.76	1
Xylenes, Total	ND		ug/kg	4.5	0.76	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.76	1
1,2-Dichloroethene, Total	ND		ug/kg	2.2	0.54	1
Dibromomethane	ND		ug/kg	22	0.53	1
Styrene	ND		ug/kg	4.5	0.90	1
Dichlorodifluoromethane	ND		ug/kg	22	1.1	1
Acetone	37		ug/kg	22	5.1	1
Carbon disulfide	ND		ug/kg	22	2.5	1
2-Butanone	3.4	J	ug/kg	22	1.5	1
Vinyl acetate	ND		ug/kg	22	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	22	0.54	1
1,2,3-Trichloropropane	ND		ug/kg	22	0.40	1
2-Hexanone	ND		ug/kg	22	1.5	1
Bromochloromethane	ND		ug/kg	11	0.80	1
2,2-Dichloropropane	ND		ug/kg	11	1.0	1
1,2-Dibromoethane	ND		ug/kg	8.9	0.44	1
1,3-Dichloropropane	ND		ug/kg	11	0.41	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.2	0.71	1
Bromobenzene	ND		ug/kg	11	0.49	1
n-Butylbenzene	ND		ug/kg	2.2	0.51	1
sec-Butylbenzene	ND		ug/kg	2.2	0.48	1
tert-Butylbenzene	ND		ug/kg	11	0.55	1
o-Chlorotoluene	ND		ug/kg	11	0.49	1
p-Chlorotoluene	ND		ug/kg	11	0.41	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	11	0.88	1
Hexachlorobutadiene	ND		ug/kg	11	0.78	1
Isopropylbenzene	ND		ug/kg	2.2	0.43	1
p-Isopropyltoluene	ND		ug/kg	2.2	0.45	1
Naphthalene	ND		ug/kg	11	0.31	1
Acrylonitrile	ND		ug/kg	22	1.1	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-12**Date Collected:** 06/04/18 10:10**Client ID:** SB-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.2	0.48	1
1,2,3-Trichlorobenzene	ND		ug/kg	11	0.56	1
1,2,4-Trichlorobenzene	ND		ug/kg	11	0.48	1
1,3,5-Trimethylbenzene	ND		ug/kg	11	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	11	0.42	1
1,4-Dioxane	ND		ug/kg	89	32.	1
p-Diethylbenzene	ND		ug/kg	8.9	8.9	1
p-Ethyltoluene	ND		ug/kg	8.9	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	8.9	0.35	1
Ethyl ether	ND		ug/kg	11	0.58	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	0.88	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	109		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-13
 Client ID: SB-5B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 13:53
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.34	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.43	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	2.9		ug/kg	1.2	0.38	1
Chlorobenzene	ND		ug/kg	1.2	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.3	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.44	1
Bromodichloromethane	ND		ug/kg	1.2	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.26	1
1,1-Dichloropropene	ND		ug/kg	6.3	0.41	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Benzene	ND		ug/kg	1.2	0.24	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.3	0.55	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.39	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.47	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.30	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-13**Date Collected:** 06/05/18 11:50**Client ID:** SB-5B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	3.8		ug/kg	1.2	0.38	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	6.3	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	6.3	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.19	1
p/m-Xylene	ND		ug/kg	2.5	0.44	1
o-Xylene	ND		ug/kg	2.5	0.42	1
Xylenes, Total	ND		ug/kg	2.5	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.43	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.30	1
Dibromomethane	ND		ug/kg	12	0.30	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.63	1
Acetone	4.4	J	ug/kg	12	2.9	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.86	1
Vinyl acetate	ND		ug/kg	12	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.22	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.3	0.45	1
2,2-Dichloropropane	ND		ug/kg	6.3	0.56	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.25	1
1,3-Dichloropropane	ND		ug/kg	6.3	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.40	1
Bromobenzene	ND		ug/kg	6.3	0.27	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.27	1
tert-Butylbenzene	ND		ug/kg	6.3	0.31	1
o-Chlorotoluene	ND		ug/kg	6.3	0.28	1
p-Chlorotoluene	ND		ug/kg	6.3	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.44	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.25	1
Naphthalene	1.4	J	ug/kg	6.3	0.17	1
Acrylonitrile	ND		ug/kg	12	0.64	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-13**Date Collected:** 06/05/18 11:50**Client ID:** SB-5B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.3	0.23	1
1,4-Dioxane	ND		ug/kg	50	18.	1
p-Diethylbenzene	ND		ug/kg	5.0	5.0	1
p-Ethyltoluene	ND		ug/kg	5.0	0.29	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.0	0.20	1
Ethyl ether	ND		ug/kg	6.3	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-14
 Client ID: SB-6B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 14:19
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.2	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.36	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.46	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.3	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.42	1
Tetrachloroethene	8.4		ug/kg	1.3	0.41	1
Chlorobenzene	ND		ug/kg	1.3	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.56	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.47	1
Bromodichloromethane	ND		ug/kg	1.3	0.41	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.31	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.28	1
1,1-Dichloropropene	ND		ug/kg	6.7	0.44	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.40	1
Benzene	ND		ug/kg	1.3	0.26	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.23	1
Chloromethane	ND		ug/kg	6.7	0.59	1
Bromomethane	ND		ug/kg	2.7	0.45	1
Vinyl chloride	ND		ug/kg	2.7	0.42	1
Chloroethane	ND		ug/kg	2.7	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.50	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.32	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-14**Date Collected:** 06/05/18 14:10**Client ID:** SB-6B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	1.2	J	ug/kg	1.3	0.41	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.29	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.20	1
p/m-Xylene	ND		ug/kg	2.7	0.47	1
o-Xylene	ND		ug/kg	2.7	0.45	1
Xylenes, Total	ND		ug/kg	2.7	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.46	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.32	1
Dibromomethane	ND		ug/kg	13	0.32	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	13	0.67	1
Acetone	ND		ug/kg	13	3.1	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.93	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.24	1
2-Hexanone	ND		ug/kg	13	0.90	1
Bromochloromethane	ND		ug/kg	6.7	0.48	1
2,2-Dichloropropane	ND		ug/kg	6.7	0.60	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.27	1
1,3-Dichloropropane	ND		ug/kg	6.7	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.43	1
Bromobenzene	ND		ug/kg	6.7	0.29	1
n-Butylbenzene	ND		ug/kg	1.3	0.31	1
sec-Butylbenzene	ND		ug/kg	1.3	0.29	1
tert-Butylbenzene	ND		ug/kg	6.7	0.33	1
o-Chlorotoluene	ND		ug/kg	6.7	0.30	1
p-Chlorotoluene	ND		ug/kg	6.7	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	0.53	1
Hexachlorobutadiene	ND		ug/kg	6.7	0.47	1
Isopropylbenzene	ND		ug/kg	1.3	0.26	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.27	1
Naphthalene	ND		ug/kg	6.7	0.18	1
Acrylonitrile	ND		ug/kg	13	0.69	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-14**Date Collected:** 06/05/18 14:10**Client ID:** SB-6B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.7	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.7	0.25	1
1,4-Dioxane	ND		ug/kg	54	19.	1
p-Diethylbenzene	ND		ug/kg	5.4	5.4	1
p-Ethyltoluene	ND		ug/kg	5.4	0.31	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.21	1
Ethyl ether	ND		ug/kg	6.7	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-15
 Client ID: SB-7B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/09/18 14:45
 Analyst: JC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.2	1
1,1-Dichloroethane	0.58	J	ug/kg	2.0	0.36	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.46	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	110		ug/kg	1.3	0.40	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.55	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	4.7		ug/kg	1.3	0.46	1
Bromodichloromethane	ND		ug/kg	1.3	0.41	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.27	1
1,1-Dichloropropene	ND		ug/kg	6.6	0.43	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.39	1
Benzene	ND		ug/kg	1.3	0.25	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.6	0.58	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.42	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.32	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-15**Date Collected:** 06/04/18 12:15**Client ID:** SB-7B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	18		ug/kg	1.3	0.40	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.29	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.46	1
o-Xylene	ND		ug/kg	2.6	0.45	1
Xylenes, Total	ND		ug/kg	2.6	0.45	1
cis-1,2-Dichloroethene	13		ug/kg	1.3	0.45	1
1,2-Dichloroethene, Total	13		ug/kg	1.3	0.32	1
Dibromomethane	ND		ug/kg	13	0.32	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.66	1
Acetone	8.1	J	ug/kg	13	3.0	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.91	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.23	1
2-Hexanone	ND		ug/kg	13	0.88	1
Bromochloromethane	ND		ug/kg	6.6	0.47	1
2,2-Dichloropropane	ND		ug/kg	6.6	0.59	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.26	1
1,3-Dichloropropane	ND		ug/kg	6.6	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
Bromobenzene	ND		ug/kg	6.6	0.29	1
n-Butylbenzene	ND		ug/kg	1.3	0.30	1
sec-Butylbenzene	ND		ug/kg	1.3	0.29	1
tert-Butylbenzene	ND		ug/kg	6.6	0.32	1
o-Chlorotoluene	ND		ug/kg	6.6	0.29	1
p-Chlorotoluene	ND		ug/kg	6.6	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.52	1
Hexachlorobutadiene	ND		ug/kg	6.6	0.46	1
Isopropylbenzene	ND		ug/kg	1.3	0.26	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.27	1
Naphthalene	ND		ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-15**Date Collected:** 06/04/18 12:15**Client ID:** SB-7B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.6	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.24	1
1,4-Dioxane	ND		ug/kg	53	19.	1
p-Diethylbenzene	ND		ug/kg	5.3	5.3	1
p-Ethyltoluene	ND		ug/kg	5.3	0.31	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.3	0.20	1
Ethyl ether	ND		ug/kg	6.6	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-16
 Client ID: SB-8B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 16:18
 Analyst: JC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	2.5	1
1,1-Dichloroethane	16		ug/kg	2.3	0.41	1
Chloroform	ND		ug/kg	2.3	0.56	1
Carbon tetrachloride	ND		ug/kg	1.5	0.52	1
1,2-Dichloropropane	ND		ug/kg	5.3	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.47	1
Tetrachloroethene	ND		ug/kg	1.5	0.46	1
Chlorobenzene	ND		ug/kg	1.5	0.53	1
Trichlorofluoromethane	ND		ug/kg	7.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.37	1
1,1,1-Trichloroethane	190		ug/kg	1.5	0.53	1
Bromodichloromethane	ND		ug/kg	1.5	0.47	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.35	1
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.32	1
1,1-Dichloropropene	ND		ug/kg	7.6	0.50	1
Bromoform	ND		ug/kg	6.1	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.45	1
Benzene	ND		ug/kg	1.5	0.29	1
Toluene	2.1	J	ug/kg	2.3	0.30	1
Ethylbenzene	2.6		ug/kg	1.5	0.26	1
Chloromethane	ND		ug/kg	7.6	0.66	1
Bromomethane	ND		ug/kg	3.0	0.51	1
Vinyl chloride	5.0		ug/kg	3.0	0.48	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	2.1		ug/kg	1.5	0.56	1
trans-1,2-Dichloroethene	0.66	J	ug/kg	2.3	0.36	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-16**Date Collected:** 06/05/18 12:30**Client ID:** SB-8B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.5	0.46	1
1,2-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.23	1
p/m-Xylene	1.4	J	ug/kg	3.0	0.53	1
o-Xylene	2.3	J	ug/kg	3.0	0.51	1
Xylenes, Total	3.7	J	ug/kg	3.0	0.51	1
cis-1,2-Dichloroethene	410		ug/kg	1.5	0.52	1
1,2-Dichloroethene, Total	410	J	ug/kg	1.5	0.36	1
Dibromomethane	ND		ug/kg	15	0.36	1
Styrene	ND		ug/kg	3.0	0.61	1
Dichlorodifluoromethane	ND		ug/kg	15	0.76	1
Acetone	29		ug/kg	15	3.5	1
Carbon disulfide	3.4	J	ug/kg	15	1.7	1
2-Butanone	8.3	J	ug/kg	15	1.0	1
Vinyl acetate	ND		ug/kg	15	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.27	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.6	0.54	1
2,2-Dichloropropane	ND		ug/kg	7.6	0.68	1
1,2-Dibromoethane	ND		ug/kg	6.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	7.6	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.48	1
Bromobenzene	ND		ug/kg	7.6	0.33	1
n-Butylbenzene	1.3	J	ug/kg	1.5	0.34	1
sec-Butylbenzene	0.91	J	ug/kg	1.5	0.33	1
tert-Butylbenzene	ND		ug/kg	7.6	0.37	1
o-Chlorotoluene	ND		ug/kg	7.6	0.34	1
p-Chlorotoluene	ND		ug/kg	7.6	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	0.60	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.53	1
Isopropylbenzene	0.86	J	ug/kg	1.5	0.29	1
p-Isopropyltoluene	0.42	J	ug/kg	1.5	0.31	1
Naphthalene	0.66	J	ug/kg	7.6	0.21	1
Acrylonitrile	ND		ug/kg	15	0.78	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-16**Date Collected:** 06/05/18 12:30**Client ID:** SB-8B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	3.4		ug/kg	1.5	0.33	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.6	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.6	0.33	1
1,3,5-Trimethylbenzene	1.5	J	ug/kg	7.6	0.24	1
1,2,4-Trimethylbenzene	6.0	J	ug/kg	7.6	0.28	1
1,4-Dioxane	ND		ug/kg	61	22.	1
p-Diethylbenzene	ND		ug/kg	6.1	6.1	1
p-Ethyltoluene	1.6	J	ug/kg	6.1	0.35	1
1,2,4,5-Tetramethylbenzene	3.2	J	ug/kg	6.1	0.24	1
Ethyl ether	ND		ug/kg	7.6	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-17
 Client ID: DUP-1
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:33
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 17:09
 Analyst: JC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	590	98.	1
1,1-Dichloroethane	ND		ug/kg	89	16.	1
Chloroform	ND		ug/kg	89	22.	1
Carbon tetrachloride	ND		ug/kg	59	20.	1
1,2-Dichloropropane	ND		ug/kg	210	14.	1
Dibromochloromethane	ND		ug/kg	59	10.	1
1,1,2-Trichloroethane	ND		ug/kg	89	18.	1
Tetrachloroethene	850		ug/kg	59	18.	1
Chlorobenzene	ND		ug/kg	59	21.	1
Trichlorofluoromethane	ND		ug/kg	300	25.	1
1,2-Dichloroethane	ND		ug/kg	59	14.	1
1,1,1-Trichloroethane	ND		ug/kg	59	21.	1
Bromodichloromethane	ND		ug/kg	59	18.	1
trans-1,3-Dichloropropene	ND		ug/kg	59	12.	1
cis-1,3-Dichloropropene	ND		ug/kg	59	14.	1
1,3-Dichloropropene, Total	ND		ug/kg	59	12.	1
1,1-Dichloropropene	ND		ug/kg	300	19.	1
Bromoform	ND		ug/kg	240	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	59	18.	1
Benzene	ND		ug/kg	59	11.	1
Toluene	ND		ug/kg	89	12.	1
Ethylbenzene	ND		ug/kg	59	10.	1
Chloromethane	ND		ug/kg	300	26.	1
Bromomethane	ND		ug/kg	120	20.	1
Vinyl chloride	ND		ug/kg	120	19.	1
Chloroethane	ND		ug/kg	120	19.	1
1,1-Dichloroethene	ND		ug/kg	59	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	89	14.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-17**Date Collected:** 06/04/18 07:33**Client ID:** DUP-1**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	24	J	ug/kg	59	18.	1
1,2-Dichlorobenzene	ND		ug/kg	300	11.	1
1,3-Dichlorobenzene	ND		ug/kg	300	13.	1
1,4-Dichlorobenzene	ND		ug/kg	300	11.	1
Methyl tert butyl ether	ND		ug/kg	120	9.0	1
p/m-Xylene	ND		ug/kg	120	21.	1
o-Xylene	ND		ug/kg	120	20.	1
Xylenes, Total	ND		ug/kg	120	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	59	20.	1
1,2-Dichloroethene, Total	ND		ug/kg	59	14.	1
Dibromomethane	ND		ug/kg	590	14.	1
Styrene	ND		ug/kg	120	24.	1
Dichlorodifluoromethane	ND		ug/kg	590	30.	1
Acetone	ND		ug/kg	590	140	1
Carbon disulfide	ND		ug/kg	590	65.	1
2-Butanone	ND		ug/kg	590	41.	1
Vinyl acetate	ND		ug/kg	590	9.0	1
4-Methyl-2-pentanone	ND		ug/kg	590	14.	1
1,2,3-Trichloropropane	ND		ug/kg	590	10.	1
2-Hexanone	ND		ug/kg	590	39.	1
Bromochloromethane	ND		ug/kg	300	21.	1
2,2-Dichloropropane	ND		ug/kg	300	27.	1
1,2-Dibromoethane	ND		ug/kg	240	12.	1
1,3-Dichloropropane	ND		ug/kg	300	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	59	19.	1
Bromobenzene	ND		ug/kg	300	13.	1
n-Butylbenzene	ND		ug/kg	59	14.	1
sec-Butylbenzene	ND		ug/kg	59	13.	1
tert-Butylbenzene	ND		ug/kg	300	15.	1
o-Chlorotoluene	ND		ug/kg	300	13.	1
p-Chlorotoluene	ND		ug/kg	300	11.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	300	23.	1
Hexachlorobutadiene	ND		ug/kg	300	21.	1
Isopropylbenzene	ND		ug/kg	59	11.	1
p-Isopropyltoluene	ND		ug/kg	59	12.	1
Naphthalene	ND		ug/kg	300	8.2	1
Acrylonitrile	ND		ug/kg	590	30.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-17**Date Collected:** 06/04/18 07:33**Client ID:** DUP-1**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	59	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	300	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	300	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	300	9.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	300	11.	1
1,4-Dioxane	ND		ug/kg	2400	850	1
p-Diethylbenzene	ND		ug/kg	240	240	1
p-Ethyltoluene	ND		ug/kg	240	14.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	240	9.2	1
Ethyl ether	ND		ug/kg	300	15.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-18
 Client ID: DUP-2
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:54
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 17:35
 Analyst: JC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	830	140	1
1,1-Dichloroethane	ND		ug/kg	120	22.	1
Chloroform	ND		ug/kg	120	31.	1
Carbon tetrachloride	ND		ug/kg	83	28.	1
1,2-Dichloropropane	ND		ug/kg	290	19.	1
Dibromochloromethane	ND		ug/kg	83	14.	1
1,1,2-Trichloroethane	ND		ug/kg	120	26.	1
Tetrachloroethene	7400		ug/kg	83	25.	1
Chlorobenzene	ND		ug/kg	83	29.	1
Trichlorofluoromethane	ND		ug/kg	410	34.	1
1,2-Dichloroethane	ND		ug/kg	83	20.	1
1,1,1-Trichloroethane	91		ug/kg	83	29.	1
Bromodichloromethane	ND		ug/kg	83	26.	1
trans-1,3-Dichloropropene	ND		ug/kg	83	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	83	19.	1
1,3-Dichloropropene, Total	ND		ug/kg	83	17.	1
1,1-Dichloropropene	ND		ug/kg	410	27.	1
Bromoform	ND		ug/kg	330	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	83	25.	1
Benzene	ND		ug/kg	83	16.	1
Toluene	31	J	ug/kg	120	16.	1
Ethylbenzene	ND		ug/kg	83	14.	1
Chloromethane	ND		ug/kg	410	36.	1
Bromomethane	ND		ug/kg	160	28.	1
Vinyl chloride	ND		ug/kg	160	26.	1
Chloroethane	ND		ug/kg	160	26.	1
1,1-Dichloroethene	ND		ug/kg	83	31.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	20.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-18**Date Collected:** 06/04/18 07:54**Client ID:** DUP-2**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	4700		ug/kg	83	25.	1
1,2-Dichlorobenzene	ND		ug/kg	410	15.	1
1,3-Dichlorobenzene	ND		ug/kg	410	18.	1
1,4-Dichlorobenzene	ND		ug/kg	410	15.	1
Methyl tert butyl ether	ND		ug/kg	160	13.	1
p/m-Xylene	36	J	ug/kg	160	29.	1
o-Xylene	ND		ug/kg	160	28.	1
Xylenes, Total	36	J	ug/kg	160	28.	1
cis-1,2-Dichloroethene	340		ug/kg	83	28.	1
1,2-Dichloroethene, Total	340		ug/kg	83	20.	1
Dibromomethane	ND		ug/kg	830	20.	1
Styrene	ND		ug/kg	160	33.	1
Dichlorodifluoromethane	ND		ug/kg	830	41.	1
Acetone	ND		ug/kg	830	190	1
Carbon disulfide	ND		ug/kg	830	91.	1
2-Butanone	ND		ug/kg	830	57.	1
Vinyl acetate	ND		ug/kg	830	13.	1
4-Methyl-2-pentanone	ND		ug/kg	830	20.	1
1,2,3-Trichloropropane	ND		ug/kg	830	15.	1
2-Hexanone	ND		ug/kg	830	55.	1
Bromochloromethane	ND		ug/kg	410	30.	1
2,2-Dichloropropane	ND		ug/kg	410	37.	1
1,2-Dibromoethane	ND		ug/kg	330	16.	1
1,3-Dichloropropane	ND		ug/kg	410	15.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	83	26.	1
Bromobenzene	ND		ug/kg	410	18.	1
n-Butylbenzene	ND		ug/kg	83	19.	1
sec-Butylbenzene	ND		ug/kg	83	18.	1
tert-Butylbenzene	ND		ug/kg	410	20.	1
o-Chlorotoluene	ND		ug/kg	410	18.	1
p-Chlorotoluene	ND		ug/kg	410	15.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	33.	1
Hexachlorobutadiene	ND		ug/kg	410	29.	1
Isopropylbenzene	ND		ug/kg	83	16.	1
p-Isopropyltoluene	ND		ug/kg	83	17.	1
Naphthalene	870		ug/kg	410	11.	1
Acrylonitrile	ND		ug/kg	830	42.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-18**Date Collected:** 06/04/18 07:54**Client ID:** DUP-2**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	83	18.	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	18.	1
1,3,5-Trimethylbenzene	ND		ug/kg	410	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	410	15.	1
1,4-Dioxane	ND		ug/kg	3300	1200	1
p-Diethylbenzene	ND		ug/kg	330	330	1
p-Ethyltoluene	ND		ug/kg	330	19.	1
1,2,4,5-Tetramethylbenzene	24	J	ug/kg	330	13.	1
Ethyl ether	ND		ug/kg	410	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	410	32.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19
 Client ID: MW-A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 16:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/11/18 22:34
 Analyst: NLK

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	0.83	J	ug/l	2.5	0.70	1
Chloroform	2.9		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	67		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	4.3		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.42	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-19**Date Collected:** 06/05/18 16:00**Client ID:** MW-A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	27		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	120		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	120		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	2.0	J	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	2.6		ug/l	2.5	0.70	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-19**Date Collected:** 06/05/18 16:00**Client ID:** MW-A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20 D
 Client ID: MW-B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 13:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/11/18 22:56
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	18		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	610		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	110		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	2.3	J	ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	7.2		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20 D
 Client ID: MW-B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 13:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	160		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	340		ug/l	12	3.5	5
1,2-Dichloroethene, Total	340		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	ND		ug/l	12	3.5	5

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-20 D**Date Collected:** 06/05/18 13:30**Client ID:** MW-B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	ND		ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21 D
 Client ID: MW-C
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/11/18 23:17
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	2400		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	450		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
1,3-Dichloropropene, Total	ND		ug/l	12	3.6	25
1,1-Dichloropropene	ND		ug/l	62	18.	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	ND		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	41		ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21 D
 Client ID: MW-C
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	350		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
Xylenes, Total	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	280		ug/l	62	18.	25
1,2-Dichloroethene, Total	280		ug/l	62	18.	25
Dibromomethane	ND		ug/l	120	25.	25
1,2,3-Trichloropropane	ND		ug/l	62	18.	25
Acrylonitrile	ND		ug/l	120	38.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
Vinyl acetate	ND		ug/l	120	25.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
2,2-Dichloropropane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,3-Dichloropropane	ND		ug/l	62	18.	25
1,1,1,2-Tetrachloroethane	ND		ug/l	62	18.	25
Bromobenzene	ND		ug/l	62	18.	25
n-Butylbenzene	ND		ug/l	62	18.	25
sec-Butylbenzene	ND		ug/l	62	18.	25
tert-Butylbenzene	ND		ug/l	62	18.	25
o-Chlorotoluene	ND		ug/l	62	18.	25
p-Chlorotoluene	ND		ug/l	62	18.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Hexachlorobutadiene	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
p-Isopropyltoluene	ND		ug/l	62	18.	25
Naphthalene	ND		ug/l	62	18.	25

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21 D

Date Collected: 06/05/18 10:00

Client ID: MW-C

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
1,3,5-Trimethylbenzene	ND		ug/l	62	18.	25
1,2,4-Trimethylbenzene	ND		ug/l	62	18.	25
1,4-Dioxane	ND		ug/l	6200	1500	25
p-Diethylbenzene	ND		ug/l	50	18.	25
p-Ethyltoluene	ND		ug/l	50	18.	25
1,2,4,5-Tetramethylbenzene	ND		ug/l	50	14.	25
Ethyl ether	ND		ug/l	62	18.	25
trans-1,4-Dichloro-2-butene	ND		ug/l	62	18.	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	98		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22 D
 Client ID: GW-DUP
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/12/18 10:48
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	3100		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	390		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
1,3-Dichloropropene, Total	ND		ug/l	12	3.6	25
1,1-Dichloropropene	ND		ug/l	62	18.	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	ND		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	38		ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22 D
 Client ID: GW-DUP
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	380		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
Xylenes, Total	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	310		ug/l	62	18.	25
1,2-Dichloroethene, Total	310		ug/l	62	18.	25
Dibromomethane	ND		ug/l	120	25.	25
1,2,3-Trichloropropane	ND		ug/l	62	18.	25
Acrylonitrile	ND		ug/l	120	38.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
Vinyl acetate	ND		ug/l	120	25.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
2,2-Dichloropropane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,3-Dichloropropane	ND		ug/l	62	18.	25
1,1,1,2-Tetrachloroethane	ND		ug/l	62	18.	25
Bromobenzene	ND		ug/l	62	18.	25
n-Butylbenzene	ND		ug/l	62	18.	25
sec-Butylbenzene	ND		ug/l	62	18.	25
tert-Butylbenzene	ND		ug/l	62	18.	25
o-Chlorotoluene	ND		ug/l	62	18.	25
p-Chlorotoluene	ND		ug/l	62	18.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Hexachlorobutadiene	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
p-Isopropyltoluene	ND		ug/l	62	18.	25
Naphthalene	ND		ug/l	62	18.	25

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-22 D**Date Collected:** 06/05/18 11:50**Client ID:** GW-DUP**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
1,3,5-Trimethylbenzene	ND		ug/l	62	18.	25
1,2,4-Trimethylbenzene	ND		ug/l	62	18.	25
1,4-Dioxane	ND		ug/l	6200	1500	25
p-Diethylbenzene	ND		ug/l	50	18.	25
p-Ethyltoluene	ND		ug/l	50	18.	25
1,2,4,5-Tetramethylbenzene	ND		ug/l	50	14.	25
Ethyl ether	ND		ug/l	62	18.	25
trans-1,4-Dichloro-2-butene	ND		ug/l	62	18.	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-29
 Client ID: SS-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 16:44
 Analyst: JC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.35	1
Chloroform	ND		ug/kg	1.9	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.44	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.40	1
Tetrachloroethene	1.2	J	ug/kg	1.3	0.39	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.45	1
Bromodichloromethane	ND		ug/kg	1.3	0.40	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.27	1
1,1-Dichloropropene	ND		ug/kg	6.4	0.42	1
Bromoform	ND		ug/kg	5.2	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.38	1
Benzene	ND		ug/kg	1.3	0.25	1
Toluene	0.42	J	ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.4	0.56	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.41	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.31	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-29**Date Collected:** 06/04/18 08:30**Client ID:** SS-1A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.3	0.39	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.45	1
o-Xylene	ND		ug/kg	2.6	0.44	1
Xylenes, Total	ND		ug/kg	2.6	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.44	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.31	1
Dibromomethane	ND		ug/kg	13	0.31	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.64	1
Acetone	ND		ug/kg	13	3.0	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.89	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.23	1
2-Hexanone	ND		ug/kg	13	0.86	1
Bromochloromethane	ND		ug/kg	6.4	0.46	1
2,2-Dichloropropane	ND		ug/kg	6.4	0.58	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.26	1
1,3-Dichloropropane	ND		ug/kg	6.4	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.4	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.29	1
sec-Butylbenzene	ND		ug/kg	1.3	0.28	1
tert-Butylbenzene	ND		ug/kg	6.4	0.32	1
o-Chlorotoluene	ND		ug/kg	6.4	0.28	1
p-Chlorotoluene	ND		ug/kg	6.4	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.45	1
Isopropylbenzene	ND		ug/kg	1.3	0.25	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.4	0.18	1
Acrylonitrile	ND		ug/kg	13	0.66	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-29**Date Collected:** 06/04/18 08:30**Client ID:** SS-1A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.24	1
1,4-Dioxane	ND		ug/kg	52	19.	1
p-Diethylbenzene	ND		ug/kg	5.2	5.2	1
p-Ethyltoluene	ND		ug/kg	5.2	0.30	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.20	1
Ethyl ether	ND		ug/kg	6.4	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-30
 Client ID: SS-2A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:08
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/12/18 05:33
 Analyst: NLK
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	20	3.3	1
1,1-Dichloroethane	ND		ug/kg	3.0	0.54	1
Chloroform	ND		ug/kg	3.0	0.74	1
Carbon tetrachloride	ND		ug/kg	2.0	0.69	1
1,2-Dichloropropane	ND		ug/kg	7.0	0.46	1
Dibromochloromethane	ND		ug/kg	2.0	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	3.0	0.63	1
Tetrachloroethene	17		ug/kg	2.0	0.60	1
Chlorobenzene	ND		ug/kg	2.0	0.70	1
Trichlorofluoromethane	ND		ug/kg	10	0.84	1
1,2-Dichloroethane	ND		ug/kg	2.0	0.49	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	0.70	1
Bromodichloromethane	ND		ug/kg	2.0	0.62	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	0.46	1
1,3-Dichloropropene, Total	ND		ug/kg	2.0	0.42	1
1,1-Dichloropropene	ND		ug/kg	10	0.66	1
Bromoform	ND		ug/kg	8.0	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	0.60	1
Benzene	ND		ug/kg	2.0	0.39	1
Toluene	ND		ug/kg	3.0	0.39	1
Ethylbenzene	ND		ug/kg	2.0	0.34	1
Chloromethane	ND		ug/kg	10	0.87	1
Bromomethane	ND		ug/kg	4.0	0.68	1
Vinyl chloride	ND		ug/kg	4.0	0.63	1
Chloroethane	ND		ug/kg	4.0	0.63	1
1,1-Dichloroethene	ND		ug/kg	2.0	0.75	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	0.48	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-30**Date Collected:** 06/04/18 09:08**Client ID:** SS-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	8.6		ug/kg	2.0	0.60	1
1,2-Dichlorobenzene	ND		ug/kg	10	0.36	1
1,3-Dichlorobenzene	ND		ug/kg	10	0.44	1
1,4-Dichlorobenzene	ND		ug/kg	10	0.36	1
Methyl tert butyl ether	ND		ug/kg	4.0	0.31	1
p/m-Xylene	ND		ug/kg	4.0	0.70	1
o-Xylene	ND		ug/kg	4.0	0.68	1
Xylenes, Total	ND		ug/kg	4.0	0.68	1
cis-1,2-Dichloroethene	1.1	J	ug/kg	2.0	0.68	1
1,2-Dichloroethene, Total	1.1	J	ug/kg	2.0	0.48	1
Dibromomethane	ND		ug/kg	20	0.48	1
Styrene	ND		ug/kg	4.0	0.80	1
Dichlorodifluoromethane	ND		ug/kg	20	1.0	1
Acetone	ND		ug/kg	20	4.6	1
Carbon disulfide	ND		ug/kg	20	2.2	1
2-Butanone	ND		ug/kg	20	1.4	1
Vinyl acetate	ND		ug/kg	20	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	20	0.49	1
1,2,3-Trichloropropane	ND		ug/kg	20	0.35	1
2-Hexanone	ND		ug/kg	20	1.3	1
Bromochloromethane	ND		ug/kg	10	0.72	1
2,2-Dichloropropane	ND		ug/kg	10	0.90	1
1,2-Dibromoethane	ND		ug/kg	8.0	0.40	1
1,3-Dichloropropane	ND		ug/kg	10	0.37	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.0	0.64	1
Bromobenzene	ND		ug/kg	10	0.44	1
n-Butylbenzene	ND		ug/kg	2.0	0.46	1
sec-Butylbenzene	ND		ug/kg	2.0	0.44	1
tert-Butylbenzene	ND		ug/kg	10	0.50	1
o-Chlorotoluene	ND		ug/kg	10	0.44	1
p-Chlorotoluene	ND		ug/kg	10	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	0.79	1
Hexachlorobutadiene	ND		ug/kg	10	0.70	1
Isopropylbenzene	ND		ug/kg	2.0	0.39	1
p-Isopropyltoluene	ND		ug/kg	2.0	0.40	1
Naphthalene	ND		ug/kg	10	0.28	1
Acrylonitrile	ND		ug/kg	20	1.0	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-30**Date Collected:** 06/04/18 09:08**Client ID:** SS-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.0	0.43	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	10	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	10	0.37	1
1,4-Dioxane	ND		ug/kg	80	29.	1
p-Diethylbenzene	ND		ug/kg	8.0	8.0	1
p-Ethyltoluene	ND		ug/kg	8.0	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	8.0	0.31	1
Ethyl ether	ND		ug/kg	10	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	10	0.79	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	101		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-31
 Client ID: SS-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 18:00
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	180	1
1,1-Dichloroethane	ND		ug/kg	160	30.	1
Chloroform	ND		ug/kg	160	41.	1
Carbon tetrachloride	ND		ug/kg	110	38.	1
1,2-Dichloropropane	ND		ug/kg	390	25.	1
Dibromochloromethane	ND		ug/kg	110	19.	1
1,1,2-Trichloroethane	ND		ug/kg	160	34.	1
Tetrachloroethene	2400		ug/kg	110	33.	1
Chlorobenzene	ND		ug/kg	110	38.	1
Trichlorofluoromethane	ND		ug/kg	550	46.	1
1,2-Dichloroethane	ND		ug/kg	110	27.	1
1,1,1-Trichloroethane	72	J	ug/kg	110	39.	1
Bromodichloromethane	ND		ug/kg	110	34.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	23.	1
cis-1,3-Dichloropropene	ND		ug/kg	110	26.	1
1,3-Dichloropropene, Total	ND		ug/kg	110	23.	1
1,1-Dichloropropene	ND		ug/kg	550	36.	1
Bromoform	ND		ug/kg	440	26.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	110	33.	1
Benzene	ND		ug/kg	110	21.	1
Toluene	ND		ug/kg	160	22.	1
Ethylbenzene	ND		ug/kg	110	19.	1
Chloromethane	ND		ug/kg	550	48.	1
Bromomethane	ND		ug/kg	220	37.	1
Vinyl chloride	ND		ug/kg	220	35.	1
Chloroethane	ND		ug/kg	220	35.	1
1,1-Dichloroethene	ND		ug/kg	110	41.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	27.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-31**Date Collected:** 06/04/18 09:45**Client ID:** SS-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	530		ug/kg	110	33.	1
1,2-Dichlorobenzene	ND		ug/kg	550	20.	1
1,3-Dichlorobenzene	ND		ug/kg	550	24.	1
1,4-Dichlorobenzene	ND		ug/kg	550	20.	1
Methyl tert butyl ether	ND		ug/kg	220	17.	1
p/m-Xylene	ND		ug/kg	220	39.	1
o-Xylene	ND		ug/kg	220	37.	1
Xylenes, Total	ND		ug/kg	220	37.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	38.	1
1,2-Dichloroethene, Total	ND		ug/kg	110	27.	1
Dibromomethane	ND		ug/kg	1100	26.	1
Styrene	ND		ug/kg	220	44.	1
Dichlorodifluoromethane	ND		ug/kg	1100	55.	1
Acetone	ND		ug/kg	1100	250	1
Carbon disulfide	ND		ug/kg	1100	120	1
2-Butanone	ND		ug/kg	1100	76.	1
Vinyl acetate	ND		ug/kg	1100	17.	1
4-Methyl-2-pentanone	ND		ug/kg	1100	27.	1
1,2,3-Trichloropropane	ND		ug/kg	1100	20.	1
2-Hexanone	ND		ug/kg	1100	74.	1
Bromochloromethane	ND		ug/kg	550	39.	1
2,2-Dichloropropane	ND		ug/kg	550	50.	1
1,2-Dibromoethane	ND		ug/kg	440	22.	1
1,3-Dichloropropane	ND		ug/kg	550	20.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	110	35.	1
Bromobenzene	ND		ug/kg	550	24.	1
n-Butylbenzene	ND		ug/kg	110	25.	1
sec-Butylbenzene	ND		ug/kg	110	24.	1
tert-Butylbenzene	ND		ug/kg	550	27.	1
o-Chlorotoluene	ND		ug/kg	550	24.	1
p-Chlorotoluene	ND		ug/kg	550	20.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	550	44.	1
Hexachlorobutadiene	ND		ug/kg	550	38.	1
Isopropylbenzene	ND		ug/kg	110	21.	1
p-Isopropyltoluene	ND		ug/kg	110	22.	1
Naphthalene	30	J	ug/kg	550	15.	1
Acrylonitrile	ND		ug/kg	1100	57.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-31**Date Collected:** 06/04/18 09:45**Client ID:** SS-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	110	24.	1
1,2,3-Trichlorobenzene	ND		ug/kg	550	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	550	24.	1
1,3,5-Trimethylbenzene	ND		ug/kg	550	18.	1
1,2,4-Trimethylbenzene	ND		ug/kg	550	20.	1
1,4-Dioxane	ND		ug/kg	4400	1600	1
p-Diethylbenzene	ND		ug/kg	440	440	1
p-Ethyltoluene	ND		ug/kg	440	26.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	440	17.	1
Ethyl ether	ND		ug/kg	550	29.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	550	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-32
 Client ID: SS-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:20
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 18:26
 Analyst: JC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	840	140	1
1,1-Dichloroethane	ND		ug/kg	130	23.	1
Chloroform	ND		ug/kg	130	31.	1
Carbon tetrachloride	ND		ug/kg	84	29.	1
1,2-Dichloropropane	ND		ug/kg	300	19.	1
Dibromochloromethane	ND		ug/kg	84	15.	1
1,1,2-Trichloroethane	ND		ug/kg	130	26.	1
Tetrachloroethene	1100		ug/kg	84	26.	1
Chlorobenzene	ND		ug/kg	84	29.	1
Trichlorofluoromethane	ND		ug/kg	420	35.	1
1,2-Dichloroethane	ND		ug/kg	84	21.	1
1,1,1-Trichloroethane	79	J	ug/kg	84	30.	1
Bromodichloromethane	ND		ug/kg	84	26.	1
trans-1,3-Dichloropropene	ND		ug/kg	84	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	84	20.	1
1,3-Dichloropropene, Total	ND		ug/kg	84	18.	1
1,1-Dichloropropene	ND		ug/kg	420	28.	1
Bromoform	ND		ug/kg	340	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	84	25.	1
Benzene	ND		ug/kg	84	16.	1
Toluene	39	J	ug/kg	130	16.	1
Ethylbenzene	ND		ug/kg	84	14.	1
Chloromethane	ND		ug/kg	420	37.	1
Bromomethane	ND		ug/kg	170	28.	1
Vinyl chloride	ND		ug/kg	170	27.	1
Chloroethane	ND		ug/kg	170	27.	1
1,1-Dichloroethene	ND		ug/kg	84	31.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	20.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-32**Date Collected:** 06/04/18 10:20**Client ID:** SS-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	410		ug/kg	84	26.	1
1,2-Dichlorobenzene	ND		ug/kg	420	15.	1
1,3-Dichlorobenzene	ND		ug/kg	420	18.	1
1,4-Dichlorobenzene	ND		ug/kg	420	15.	1
Methyl tert butyl ether	ND		ug/kg	170	13.	1
p/m-Xylene	62	J	ug/kg	170	30.	1
o-Xylene	44	J	ug/kg	170	28.	1
Xylenes, Total	110	J	ug/kg	170	28.	1
cis-1,2-Dichloroethene	34	J	ug/kg	84	29.	1
1,2-Dichloroethene, Total	34	J	ug/kg	84	20.	1
Dibromomethane	ND		ug/kg	840	20.	1
Styrene	ND		ug/kg	170	34.	1
Dichlorodifluoromethane	ND		ug/kg	840	42.	1
Acetone	ND		ug/kg	840	190	1
Carbon disulfide	ND		ug/kg	840	93.	1
2-Butanone	ND		ug/kg	840	58.	1
Vinyl acetate	ND		ug/kg	840	13.	1
4-Methyl-2-pentanone	ND		ug/kg	840	21.	1
1,2,3-Trichloropropane	ND		ug/kg	840	15.	1
2-Hexanone	ND		ug/kg	840	56.	1
Bromochloromethane	ND		ug/kg	420	30.	1
2,2-Dichloropropane	ND		ug/kg	420	38.	1
1,2-Dibromoethane	ND		ug/kg	340	17.	1
1,3-Dichloropropane	ND		ug/kg	420	15.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	84	27.	1
Bromobenzene	ND		ug/kg	420	18.	1
n-Butylbenzene	ND		ug/kg	84	19.	1
sec-Butylbenzene	ND		ug/kg	84	18.	1
tert-Butylbenzene	ND		ug/kg	420	21.	1
o-Chlorotoluene	ND		ug/kg	420	19.	1
p-Chlorotoluene	ND		ug/kg	420	15.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	420	33.	1
Hexachlorobutadiene	ND		ug/kg	420	29.	1
Isopropylbenzene	ND		ug/kg	84	16.	1
p-Isopropyltoluene	ND		ug/kg	84	17.	1
Naphthalene	170	J	ug/kg	420	12.	1
Acrylonitrile	ND		ug/kg	840	43.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-32**Date Collected:** 06/04/18 10:20**Client ID:** SS-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	84	18.	1
1,2,3-Trichlorobenzene	ND		ug/kg	420	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	420	18.	1
1,3,5-Trimethylbenzene	18	J	ug/kg	420	14.	1
1,2,4-Trimethylbenzene	17	J	ug/kg	420	16.	1
1,4-Dioxane	ND		ug/kg	3400	1200	1
p-Diethylbenzene	ND		ug/kg	340	340	1
p-Ethyltoluene	ND		ug/kg	340	20.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	340	13.	1
Ethyl ether	ND		ug/kg	420	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	420	33.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-33
 Client ID: SS-1B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 18:51
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	560	93.	1
1,1-Dichloroethane	ND		ug/kg	84	15.	1
Chloroform	ND		ug/kg	84	21.	1
Carbon tetrachloride	ND		ug/kg	56	19.	1
1,2-Dichloropropane	ND		ug/kg	200	13.	1
Dibromochloromethane	ND		ug/kg	56	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	84	18.	1
Tetrachloroethene	5400		ug/kg	56	17.	1
Chlorobenzene	ND		ug/kg	56	20.	1
Trichlorofluoromethane	ND		ug/kg	280	23.	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	47	J	ug/kg	56	20.	1
Bromodichloromethane	ND		ug/kg	56	17.	1
trans-1,3-Dichloropropene	ND		ug/kg	56	12.	1
cis-1,3-Dichloropropene	ND		ug/kg	56	13.	1
1,3-Dichloropropene, Total	ND		ug/kg	56	12.	1
1,1-Dichloropropene	ND		ug/kg	280	18.	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	56	17.	1
Benzene	ND		ug/kg	56	11.	1
Toluene	110		ug/kg	84	11.	1
Ethylbenzene	29	J	ug/kg	56	9.5	1
Chloromethane	ND		ug/kg	280	24.	1
Bromomethane	ND		ug/kg	110	19.	1
Vinyl chloride	ND		ug/kg	110	18.	1
Chloroethane	ND		ug/kg	110	18.	1
1,1-Dichloroethene	ND		ug/kg	56	21.	1
trans-1,2-Dichloroethene	ND		ug/kg	84	14.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-33**Date Collected:** 06/04/18 08:40**Client ID:** SS-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	710		ug/kg	56	17.	1
1,2-Dichlorobenzene	ND		ug/kg	280	10.	1
1,3-Dichlorobenzene	ND		ug/kg	280	12.	1
1,4-Dichlorobenzene	ND		ug/kg	280	10.	1
Methyl tert butyl ether	ND		ug/kg	110	8.6	1
p/m-Xylene	140		ug/kg	110	20.	1
o-Xylene	54	J	ug/kg	110	19.	1
Xylenes, Total	190	J	ug/kg	110	19.	1
cis-1,2-Dichloroethene	260		ug/kg	56	19.	1
1,2-Dichloroethene, Total	260		ug/kg	56	14.	1
Dibromomethane	ND		ug/kg	560	13.	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	560	28.	1
Acetone	ND		ug/kg	560	130	1
Carbon disulfide	ND		ug/kg	560	62.	1
2-Butanone	ND		ug/kg	560	39.	1
Vinyl acetate	ND		ug/kg	560	8.6	1
4-Methyl-2-pentanone	160	J	ug/kg	560	14.	1
1,2,3-Trichloropropane	ND		ug/kg	560	9.9	1
2-Hexanone	ND		ug/kg	560	37.	1
Bromochloromethane	ND		ug/kg	280	20.	1
2,2-Dichloropropane	ND		ug/kg	280	25.	1
1,2-Dibromoethane	ND		ug/kg	220	11.	1
1,3-Dichloropropane	ND		ug/kg	280	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	56	18.	1
Bromobenzene	ND		ug/kg	280	12.	1
n-Butylbenzene	ND		ug/kg	56	13.	1
sec-Butylbenzene	ND		ug/kg	56	12.	1
tert-Butylbenzene	ND		ug/kg	280	14.	1
o-Chlorotoluene	ND		ug/kg	280	12.	1
p-Chlorotoluene	ND		ug/kg	280	10.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	280	22.	1
Hexachlorobutadiene	ND		ug/kg	280	20.	1
Isopropylbenzene	ND		ug/kg	56	11.	1
p-Isopropyltoluene	ND		ug/kg	56	11.	1
Naphthalene	26	J	ug/kg	280	7.8	1
Acrylonitrile	ND		ug/kg	560	29.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-33**Date Collected:** 06/04/18 08:40**Client ID:** SS-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	56	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	280	14.	1
1,2,4-Trichlorobenzene	ND		ug/kg	280	12.	1
1,3,5-Trimethylbenzene	27	J	ug/kg	280	9.0	1
1,2,4-Trimethylbenzene	32	J	ug/kg	280	10.	1
1,4-Dioxane	ND		ug/kg	2200	810	1
p-Diethylbenzene	ND		ug/kg	220	220	1
p-Ethyltoluene	34	J	ug/kg	220	13.	1
1,2,4,5-Tetramethylbenzene	11	J	ug/kg	220	8.8	1
Ethyl ether	ND		ug/kg	280	15.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	280	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-34
 Client ID: SS-2B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:20
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 19:17
 Analyst: JC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	230	1
1,1-Dichloroethane	ND		ug/kg	210	37.	1
Chloroform	ND		ug/kg	210	51.	1
Carbon tetrachloride	ND		ug/kg	140	47.	1
1,2-Dichloropropane	ND		ug/kg	480	31.	1
Dibromochloromethane	ND		ug/kg	140	24.	1
1,1,2-Trichloroethane	ND		ug/kg	210	43.	1
Tetrachloroethene	6400		ug/kg	140	42.	1
Chlorobenzene	ND		ug/kg	140	48.	1
Trichlorofluoromethane	ND		ug/kg	690	57.	1
1,2-Dichloroethane	710		ug/kg	140	34.	1
1,1,1-Trichloroethane	100	J	ug/kg	140	48.	1
Bromodichloromethane	ND		ug/kg	140	42.	1
trans-1,3-Dichloropropene	ND		ug/kg	140	29.	1
cis-1,3-Dichloropropene	ND		ug/kg	140	32.	1
1,3-Dichloropropene, Total	ND		ug/kg	140	29.	1
1,1-Dichloropropene	ND		ug/kg	690	45.	1
Bromoform	ND		ug/kg	550	33.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	41.	1
Benzene	ND		ug/kg	140	26.	1
Toluene	42	J	ug/kg	210	27.	1
Ethylbenzene	ND		ug/kg	140	23.	1
Chloromethane	ND		ug/kg	690	60.	1
Bromomethane	ND		ug/kg	280	46.	1
Vinyl chloride	ND		ug/kg	280	43.	1
Chloroethane	ND		ug/kg	280	43.	1
1,1-Dichloroethene	ND		ug/kg	140	51.	1
trans-1,2-Dichloroethene	ND		ug/kg	210	33.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-34**Date Collected:** 06/04/18 09:20**Client ID:** SS-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	16000		ug/kg	140	42.	1
1,2-Dichlorobenzene	ND		ug/kg	690	25.	1
1,3-Dichlorobenzene	ND		ug/kg	690	30.	1
1,4-Dichlorobenzene	ND		ug/kg	690	25.	1
Methyl tert butyl ether	ND		ug/kg	280	21.	1
p/m-Xylene	ND		ug/kg	280	48.	1
o-Xylene	ND		ug/kg	280	46.	1
Xylenes, Total	ND		ug/kg	280	46.	1
cis-1,2-Dichloroethene	560		ug/kg	140	47.	1
1,2-Dichloroethene, Total	560		ug/kg	140	33.	1
Dibromomethane	ND		ug/kg	1400	33.	1
Styrene	ND		ug/kg	280	55.	1
Dichlorodifluoromethane	ND		ug/kg	1400	69.	1
Acetone	ND		ug/kg	1400	320	1
Carbon disulfide	ND		ug/kg	1400	150	1
2-Butanone	ND		ug/kg	1400	95.	1
Vinyl acetate	ND		ug/kg	1400	21.	1
4-Methyl-2-pentanone	ND		ug/kg	1400	34.	1
1,2,3-Trichloropropane	ND		ug/kg	1400	24.	1
2-Hexanone	ND		ug/kg	1400	92.	1
Bromochloromethane	ND		ug/kg	690	49.	1
2,2-Dichloropropane	ND		ug/kg	690	62.	1
1,2-Dibromoethane	ND		ug/kg	550	27.	1
1,3-Dichloropropane	ND		ug/kg	690	25.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	140	44.	1
Bromobenzene	ND		ug/kg	690	30.	1
n-Butylbenzene	ND		ug/kg	140	31.	1
sec-Butylbenzene	ND		ug/kg	140	30.	1
tert-Butylbenzene	ND		ug/kg	690	34.	1
o-Chlorotoluene	ND		ug/kg	690	30.	1
p-Chlorotoluene	ND		ug/kg	690	25.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	690	54.	1
Hexachlorobutadiene	ND		ug/kg	690	48.	1
Isopropylbenzene	ND		ug/kg	140	27.	1
p-Isopropyltoluene	ND		ug/kg	140	28.	1
Naphthalene	40	J	ug/kg	690	19.	1
Acrylonitrile	ND		ug/kg	1400	71.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-34**Date Collected:** 06/04/18 09:20**Client ID:** SS-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	140	30.	1
1,2,3-Trichlorobenzene	ND		ug/kg	690	34.	1
1,2,4-Trichlorobenzene	ND		ug/kg	690	30.	1
1,3,5-Trimethylbenzene	ND		ug/kg	690	22.	1
1,2,4-Trimethylbenzene	ND		ug/kg	690	26.	1
1,4-Dioxane	ND		ug/kg	5500	2000	1
p-Diethylbenzene	ND		ug/kg	550	550	1
p-Ethyltoluene	ND		ug/kg	550	32.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	550	21.	1
Ethyl ether	ND		ug/kg	690	36.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	690	54.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-35
 Client ID: SS-3B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 19:42
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	750	120	1
1,1-Dichloroethane	ND		ug/kg	110	20.	1
Chloroform	ND		ug/kg	110	28.	1
Carbon tetrachloride	ND		ug/kg	75	26.	1
1,2-Dichloropropane	ND		ug/kg	260	17.	1
Dibromochloromethane	ND		ug/kg	75	13.	1
1,1,2-Trichloroethane	ND		ug/kg	110	24.	1
Tetrachloroethene	2800		ug/kg	75	23.	1
Chlorobenzene	ND		ug/kg	75	26.	1
Trichlorofluoromethane	ND		ug/kg	380	31.	1
1,2-Dichloroethane	ND		ug/kg	75	18.	1
1,1,1-Trichloroethane	130		ug/kg	75	26.	1
Bromodichloromethane	ND		ug/kg	75	23.	1
trans-1,3-Dichloropropene	ND		ug/kg	75	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	75	17.	1
1,3-Dichloropropene, Total	ND		ug/kg	75	16.	1
1,1-Dichloropropene	ND		ug/kg	380	25.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	75	22.	1
Benzene	ND		ug/kg	75	14.	1
Toluene	15	J	ug/kg	110	15.	1
Ethylbenzene	ND		ug/kg	75	13.	1
Chloromethane	ND		ug/kg	380	33.	1
Bromomethane	ND		ug/kg	150	25.	1
Vinyl chloride	ND		ug/kg	150	24.	1
Chloroethane	ND		ug/kg	150	24.	1
1,1-Dichloroethene	ND		ug/kg	75	28.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	18.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-35**Date Collected:** 06/04/18 09:55**Client ID:** SS-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	1300		ug/kg	75	23.	1
1,2-Dichlorobenzene	ND		ug/kg	380	14.	1
1,3-Dichlorobenzene	ND		ug/kg	380	16.	1
1,4-Dichlorobenzene	ND		ug/kg	380	14.	1
Methyl tert butyl ether	ND		ug/kg	150	12.	1
p/m-Xylene	ND		ug/kg	150	26.	1
o-Xylene	ND		ug/kg	150	25.	1
Xylenes, Total	ND		ug/kg	150	25.	1
cis-1,2-Dichloroethene	41	J	ug/kg	75	26.	1
1,2-Dichloroethene, Total	41	J	ug/kg	75	18.	1
Dibromomethane	ND		ug/kg	750	18.	1
Styrene	ND		ug/kg	150	30.	1
Dichlorodifluoromethane	ND		ug/kg	750	38.	1
Acetone	ND		ug/kg	750	170	1
Carbon disulfide	ND		ug/kg	750	83.	1
2-Butanone	ND		ug/kg	750	52.	1
Vinyl acetate	ND		ug/kg	750	12.	1
4-Methyl-2-pentanone	ND		ug/kg	750	18.	1
1,2,3-Trichloropropane	ND		ug/kg	750	13.	1
2-Hexanone	ND		ug/kg	750	50.	1
Bromochloromethane	ND		ug/kg	380	27.	1
2,2-Dichloropropane	ND		ug/kg	380	34.	1
1,2-Dibromoethane	ND		ug/kg	300	15.	1
1,3-Dichloropropane	ND		ug/kg	380	14.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	75	24.	1
Bromobenzene	ND		ug/kg	380	16.	1
n-Butylbenzene	ND		ug/kg	75	17.	1
sec-Butylbenzene	ND		ug/kg	75	16.	1
tert-Butylbenzene	ND		ug/kg	380	18.	1
o-Chlorotoluene	ND		ug/kg	380	17.	1
p-Chlorotoluene	ND		ug/kg	380	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	380	30.	1
Hexachlorobutadiene	ND		ug/kg	380	26.	1
Isopropylbenzene	ND		ug/kg	75	14.	1
p-Isopropyltoluene	ND		ug/kg	75	15.	1
Naphthalene	350	J	ug/kg	380	10.	1
Acrylonitrile	ND		ug/kg	750	39.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-35**Date Collected:** 06/04/18 09:55**Client ID:** SS-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	75	16.	1
1,2,3-Trichlorobenzene	ND		ug/kg	380	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	16.	1
1,3,5-Trimethylbenzene	ND		ug/kg	380	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	380	14.	1
1,4-Dioxane	ND		ug/kg	3000	1100	1
p-Diethylbenzene	ND		ug/kg	300	300	1
p-Ethyltoluene	ND		ug/kg	300	18.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	300	12.	1
Ethyl ether	ND		ug/kg	380	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	380	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-36
 Client ID: SS-4B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/10/18 18:21
 Analyst: JC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	3.1	1
1,1-Dichloroethane	ND		ug/kg	2.8	0.50	1
Chloroform	ND		ug/kg	2.8	0.69	1
Carbon tetrachloride	ND		ug/kg	1.9	0.64	1
1,2-Dichloropropane	ND		ug/kg	6.5	0.42	1
Dibromochloromethane	ND		ug/kg	1.9	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	0.58	1
Tetrachloroethene	4.2		ug/kg	1.9	0.56	1
Chlorobenzene	ND		ug/kg	1.9	0.65	1
Trichlorofluoromethane	ND		ug/kg	9.3	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	0.65	1
Bromodichloromethane	ND		ug/kg	1.9	0.57	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	1.9	0.43	1
1,3-Dichloropropene, Total	ND		ug/kg	1.9	0.39	1
1,1-Dichloropropene	ND		ug/kg	9.3	0.61	1
Bromoform	ND		ug/kg	7.4	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.9	0.55	1
Benzene	ND		ug/kg	1.9	0.36	1
Toluene	0.88	J	ug/kg	2.8	0.36	1
Ethylbenzene	ND		ug/kg	1.9	0.32	1
Chloromethane	ND		ug/kg	9.3	0.81	1
Bromomethane	ND		ug/kg	3.7	0.63	1
Vinyl chloride	ND		ug/kg	3.7	0.59	1
Chloroethane	ND		ug/kg	3.7	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.69	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.45	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-36**Date Collected:** 06/04/18 10:40**Client ID:** SS-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	2.2		ug/kg	1.9	0.56	1
1,2-Dichlorobenzene	ND		ug/kg	9.3	0.34	1
1,3-Dichlorobenzene	ND		ug/kg	9.3	0.40	1
1,4-Dichlorobenzene	ND		ug/kg	9.3	0.34	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.28	1
p/m-Xylene	ND		ug/kg	3.7	0.65	1
o-Xylene	ND		ug/kg	3.7	0.63	1
Xylenes, Total	ND		ug/kg	3.7	0.63	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.64	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	0.45	1
Dibromomethane	ND		ug/kg	19	0.44	1
Styrene	ND		ug/kg	3.7	0.74	1
Dichlorodifluoromethane	ND		ug/kg	19	0.93	1
Acetone	ND		ug/kg	19	4.3	1
Carbon disulfide	ND		ug/kg	19	2.0	1
2-Butanone	ND		ug/kg	19	1.3	1
Vinyl acetate	ND		ug/kg	19	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	19	0.45	1
1,2,3-Trichloropropane	ND		ug/kg	19	0.33	1
2-Hexanone	ND		ug/kg	19	1.2	1
Bromochloromethane	ND		ug/kg	9.3	0.66	1
2,2-Dichloropropane	ND		ug/kg	9.3	0.84	1
1,2-Dibromoethane	ND		ug/kg	7.4	0.37	1
1,3-Dichloropropane	ND		ug/kg	9.3	0.34	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.9	0.59	1
Bromobenzene	ND		ug/kg	9.3	0.41	1
n-Butylbenzene	ND		ug/kg	1.9	0.42	1
sec-Butylbenzene	ND		ug/kg	1.9	0.40	1
tert-Butylbenzene	ND		ug/kg	9.3	0.46	1
o-Chlorotoluene	ND		ug/kg	9.3	0.41	1
p-Chlorotoluene	ND		ug/kg	9.3	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.3	0.74	1
Hexachlorobutadiene	ND		ug/kg	9.3	0.65	1
Isopropylbenzene	ND		ug/kg	1.9	0.36	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.38	1
Naphthalene	ND		ug/kg	9.3	0.26	1
Acrylonitrile	ND		ug/kg	19	0.96	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-36**Date Collected:** 06/04/18 10:40**Client ID:** SS-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.9	0.40	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.3	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.3	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.3	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	9.3	0.35	1
1,4-Dioxane	ND		ug/kg	74	27.	1
p-Diethylbenzene	ND		ug/kg	7.4	7.4	1
p-Ethyltoluene	ND		ug/kg	7.4	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.4	0.29	1
Ethyl ether	ND		ug/kg	9.3	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.3	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	96		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/08/18 20:34
 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	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-38**Date Collected:** 06/05/18 09:10**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-38**Date Collected:** 06/05/18 09:10**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	91		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-39
 Client ID: TRIP BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/08/18 20:59
 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	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-39**Date Collected:** 06/05/18 09:10**Client ID:** TRIP BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-39**Date Collected:** 06/05/18 09:10**Client ID:** TRIP BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/08/18 19:43
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 38-39 Batch: WG1124451-5					
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: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/08/18 19:43
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 38-39 Batch: WG1124451-5					
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: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/08/18 19:43
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 38-39 Batch: WG1124451-5					
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	0.89	J	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	91		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/09/18 10:25
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06-15 Batch: WG1124522-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	0.39	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/09/18 10:25
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06-15 Batch: WG1124522-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/09/18 10:25
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06-15 Batch: WG1124522-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/09/18 10:25
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03,05 Batch: WG1124525-5					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
1,1-Dichloropropene	ND		ug/kg	250	16.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	19	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/09/18 10:25
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03,05 Batch: WG1124525-5					
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Dibromomethane	ND		ug/kg	500	12.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
Vinyl acetate	ND		ug/kg	500	7.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.8
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
2,2-Dichloropropane	ND		ug/kg	250	22.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,3-Dichloropropane	ND		ug/kg	250	9.2
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
o-Chlorotoluene	ND		ug/kg	250	11.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

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Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/09/18 10:25
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03,05 Batch: WG1124525-5					
p-Chlorotoluene	ND		ug/kg	250	9.2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	17.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
1,4-Dioxane	ND		ug/kg	2000	720
p-Diethylbenzene	ND		ug/kg	200	200
p-Ethyltoluene	ND		ug/kg	200	12.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	7.8
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 14:10
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 16,29 Batch: WG1124617-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: 480 FLUSHING AVE.

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Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 14:10
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 16,29 Batch: WG1124617-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 14:10
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 16,29 Batch: WG1124617-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 14:10
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 17-18,31-35 Batch: WG1124621-5					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
1,1-Dichloropropene	ND		ug/kg	250	16.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 14:10
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 17-18,31-35 Batch: WG1124621-5					
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Dibromomethane	ND		ug/kg	500	12.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
Vinyl acetate	ND		ug/kg	500	7.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.8
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
2,2-Dichloropropane	ND		ug/kg	250	22.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,3-Dichloropropane	ND		ug/kg	250	9.2
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
o-Chlorotoluene	ND		ug/kg	250	11.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 14:10
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 17-18,31-35 Batch: WG1124621-5					
p-Chlorotoluene	ND		ug/kg	250	9.2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	17.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
1,4-Dioxane	ND		ug/kg	2000	720
p-Diethylbenzene	ND		ug/kg	200	200
p-Ethyltoluene	ND		ug/kg	200	12.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	7.8
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 16:02
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 36 Batch: WG1124684-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 16:02
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 36 Batch: WG1124684-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/10/18 16:02
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 36 Batch: WG1124684-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	95		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/11/18 21:16
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG1124914-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	0.55	J	ug/kg	5.0	0.44
Bromomethane	1.7	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/11/18 21:16
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG1124914-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/11/18 21:16
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG1124914-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	92		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/11/18 21:07
 Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 19-21 Batch: WG1124998-5					
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: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/11/18 21:07
 Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 19-21 Batch: WG1124998-5					
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: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/11/18 21:07
 Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 19-21 Batch: WG1124998-5					
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	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/12/18 10:12
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG1125057-5					
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: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/12/18 10:12
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG1125057-5					
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: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/12/18 10:12
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG1125057-5					
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	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 38-39 Batch: WG1124451-3 WG1124451-4								
Methylene chloride	85		82		70-130	4		20
1,1-Dichloroethane	83		80		70-130	4		20
Chloroform	80		79		70-130	1		20
Carbon tetrachloride	80		79		63-132	1		20
1,2-Dichloropropane	84		82		70-130	2		20
Dibromochloromethane	72		71		63-130	1		20
1,1,2-Trichloroethane	88		88		70-130	0		20
Tetrachloroethene	83		82		70-130	1		20
Chlorobenzene	83		81		75-130	2		20
Trichlorofluoromethane	87		84		62-150	4		20
1,2-Dichloroethane	80		79		70-130	1		20
1,1,1-Trichloroethane	82		78		67-130	5		20
Bromodichloromethane	81		78		67-130	4		20
trans-1,3-Dichloropropene	75		74		70-130	1		20
cis-1,3-Dichloropropene	85		82		70-130	4		20
1,1-Dichloropropene	84		81		70-130	4		20
Bromoform	69		67		54-136	3		20
1,1,2,2-Tetrachloroethane	87		85		67-130	2		20
Benzene	85		82		70-130	4		20
Toluene	82		81		70-130	1		20
Ethylbenzene	83		80		70-130	4		20
Chloromethane	120		110		64-130	9		20
Bromomethane	42		49		39-139	15		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 38-39 Batch: WG1124451-3 WG1124451-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	89		87		61-145	2		20
trans-1,2-Dichloroethene	86		84		70-130	2		20
Trichloroethene	78		76		70-130	3		20
1,2-Dichlorobenzene	86		85		70-130	1		20
1,3-Dichlorobenzene	86		84		70-130	2		20
1,4-Dichlorobenzene	85		83		70-130	2		20
Methyl tert butyl ether	91		88		63-130	3		20
p/m-Xylene	85		85		70-130	0		20
o-Xylene	85		85		70-130	0		20
cis-1,2-Dichloroethene	85		82		70-130	4		20
Dibromomethane	83		80		70-130	4		20
1,2,3-Trichloropropane	91		92		64-130	1		20
Acrylonitrile	88		84		70-130	5		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	70		79		58-148	12		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	82		81		63-138	1		20
Vinyl acetate	90		87		70-130	3		20
4-Methyl-2-pentanone	88		86		59-130	2		20
2-Hexanone	86		83		57-130	4		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 38-39 Batch: WG1124451-3 WG1124451-4								
Bromochloromethane	86		84		70-130	2		20
2,2-Dichloropropane	88		85		63-133	3		20
1,2-Dibromoethane	87		86		70-130	1		20
1,3-Dichloropropane	86		84		70-130	2		20
1,1,1,2-Tetrachloroethane	83		81		64-130	2		20
Bromobenzene	86		84		70-130	2		20
n-Butylbenzene	94		90		53-136	4		20
sec-Butylbenzene	89		87		70-130	2		20
tert-Butylbenzene	89		88		70-130	1		20
o-Chlorotoluene	85		84		70-130	1		20
p-Chlorotoluene	86		84		70-130	2		20
1,2-Dibromo-3-chloropropane	74		70		41-144	6		20
Hexachlorobutadiene	89		97		63-130	9		20
Isopropylbenzene	89		86		70-130	3		20
p-Isopropyltoluene	92		90		70-130	2		20
Naphthalene	140	Q	93		70-130	40	Q	20
n-Propylbenzene	93		85		69-130	9		20
1,2,3-Trichlorobenzene	82		86		70-130	5		20
1,2,4-Trichlorobenzene	88		88		70-130	0		20
1,3,5-Trimethylbenzene	87		85		64-130	2		20
1,2,4-Trimethylbenzene	89		87		70-130	2		20
1,4-Dioxane	68		92		56-162	30	Q	20
p-Diethylbenzene	94		89		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 38-39 Batch: WG1124451-3 WG1124451-4								
p-Ethyltoluene	88		86		70-130	2		20
1,2,4,5-Tetramethylbenzene	120		89		70-130	30	Q	20
Ethyl ether	90		87		59-134	3		20
trans-1,4-Dichloro-2-butene	32	Q	33	Q	70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06-15 Batch: WG1124522-3 WG1124522-4								
Methylene chloride	103		99		70-130	4		30
1,1-Dichloroethane	101		98		70-130	3		30
Chloroform	108		104		70-130	4		30
Carbon tetrachloride	123		118		70-130	4		30
1,2-Dichloropropane	99		96		70-130	3		30
Dibromochloromethane	110		106		70-130	4		30
1,1,2-Trichloroethane	100		95		70-130	5		30
Tetrachloroethene	104		100		70-130	4		30
Chlorobenzene	104		102		70-130	2		30
Trichlorofluoromethane	104		98		70-139	6		30
1,2-Dichloroethane	106		102		70-130	4		30
1,1,1-Trichloroethane	115		111		70-130	4		30
Bromodichloromethane	108		104		70-130	4		30
trans-1,3-Dichloropropene	100		96		70-130	4		30
cis-1,3-Dichloropropene	103		99		70-130	4		30
1,1-Dichloropropene	101		96		70-130	5		30
Bromoform	106		103		70-130	3		30
1,1,2,2-Tetrachloroethane	102		98		70-130	4		30
Benzene	98		94		70-130	4		30
Toluene	94		91		70-130	3		30
Ethylbenzene	102		99		70-130	3		30
Chloromethane	61		54		52-130	12		30
Bromomethane	89		83		57-147	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06-15 Batch: WG1124522-3 WG1124522-4								
Vinyl chloride	77		72		67-130	7		30
Chloroethane	82		76		50-151	8		30
1,1-Dichloroethene	94		88		65-135	7		30
trans-1,2-Dichloroethene	98		96		70-130	2		30
Trichloroethene	107		104		70-130	3		30
1,2-Dichlorobenzene	108		104		70-130	4		30
1,3-Dichlorobenzene	108		106		70-130	2		30
1,4-Dichlorobenzene	107		103		70-130	4		30
Methyl tert butyl ether	110		105		66-130	5		30
p/m-Xylene	104		100		70-130	4		30
o-Xylene	102		99		70-130	3		30
cis-1,2-Dichloroethene	106		102		70-130	4		30
Dibromomethane	110		104		70-130	6		30
Styrene	101		99		70-130	2		30
Dichlorodifluoromethane	68		64		30-146	6		30
Acetone	106		87		54-140	20		30
Carbon disulfide	60		56	Q	59-130	7		30
2-Butanone	87		77		70-130	12		30
Vinyl acetate	88		84		70-130	5		30
4-Methyl-2-pentanone	93		84		70-130	10		30
1,2,3-Trichloropropane	101		96		68-130	5		30
2-Hexanone	79		74		70-130	7		30
Bromochloromethane	116		109		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06-15 Batch: WG1124522-3 WG1124522-4								
2,2-Dichloropropane	109		105		70-130	4		30
1,2-Dibromoethane	110		103		70-130	7		30
1,3-Dichloropropane	98		93		69-130	5		30
1,1,1,2-Tetrachloroethane	109		106		70-130	3		30
Bromobenzene	106		104		70-130	2		30
n-Butylbenzene	107		105		70-130	2		30
sec-Butylbenzene	107		106		70-130	1		30
tert-Butylbenzene	109		106		70-130	3		30
o-Chlorotoluene	105		102		70-130	3		30
p-Chlorotoluene	104		104		70-130	0		30
1,2-Dibromo-3-chloropropane	99		97		68-130	2		30
Hexachlorobutadiene	100		95		67-130	5		30
Isopropylbenzene	107		104		70-130	3		30
p-Isopropyltoluene	108		106		70-130	2		30
Naphthalene	109		102		70-130	7		30
Acrylonitrile	111		100		70-130	10		30
n-Propylbenzene	105		103		70-130	2		30
1,2,3-Trichlorobenzene	109		104		70-130	5		30
1,2,4-Trichlorobenzene	104		102		70-130	2		30
1,3,5-Trimethylbenzene	108		107		70-130	1		30
1,2,4-Trimethylbenzene	107		106		70-130	1		30
1,4-Dioxane	97		86		65-136	12		30
p-Diethylbenzene	106		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06-15 Batch: WG1124522-3 WG1124522-4								
p-Ethyltoluene	103		100		70-130	3		30
1,2,4,5-Tetramethylbenzene	106		102		70-130	4		30
Ethyl ether	101		94		67-130	7		30
trans-1,4-Dichloro-2-butene	112		107		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1124525-3 WG1124525-4								
Methylene chloride	103		99		70-130	4		30
1,1-Dichloroethane	101		98		70-130	3		30
Chloroform	108		104		70-130	4		30
Carbon tetrachloride	123		118		70-130	4		30
1,2-Dichloropropane	99		96		70-130	3		30
Dibromochloromethane	110		106		70-130	4		30
1,1,2-Trichloroethane	100		95		70-130	5		30
Tetrachloroethene	104		100		70-130	4		30
Chlorobenzene	104		102		70-130	2		30
Trichlorofluoromethane	104		98		70-139	6		30
1,2-Dichloroethane	106		102		70-130	4		30
1,1,1-Trichloroethane	115		111		70-130	4		30
Bromodichloromethane	108		104		70-130	4		30
trans-1,3-Dichloropropene	100		96		70-130	4		30
cis-1,3-Dichloropropene	103		99		70-130	4		30
1,1-Dichloropropene	101		96		70-130	5		30
Bromoform	106		103		70-130	3		30
1,1,2,2-Tetrachloroethane	102		98		70-130	4		30
Benzene	98		94		70-130	4		30
Toluene	94		91		70-130	3		30
Ethylbenzene	102		99		70-130	3		30
Chloromethane	61		54		52-130	12		30
Bromomethane	89		83		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1124525-3 WG1124525-4								
Vinyl chloride	77		72		67-130	7		30
Chloroethane	82		76		50-151	8		30
1,1-Dichloroethene	94		88		65-135	7		30
trans-1,2-Dichloroethene	98		96		70-130	2		30
Trichloroethene	107		104		70-130	3		30
1,2-Dichlorobenzene	108		104		70-130	4		30
1,3-Dichlorobenzene	108		106		70-130	2		30
1,4-Dichlorobenzene	107		103		70-130	4		30
Methyl tert butyl ether	110		105		66-130	5		30
p/m-Xylene	104		100		70-130	4		30
o-Xylene	102		99		70-130	3		30
cis-1,2-Dichloroethene	106		102		70-130	4		30
Dibromomethane	110		104		70-130	6		30
Styrene	101		99		70-130	2		30
Dichlorodifluoromethane	68		64		30-146	6		30
Acetone	106		87		54-140	20		30
Carbon disulfide	60		56	Q	59-130	7		30
2-Butanone	87		77		70-130	12		30
Vinyl acetate	88		84		70-130	5		30
4-Methyl-2-pentanone	93		84		70-130	10		30
1,2,3-Trichloropropane	101		96		68-130	5		30
2-Hexanone	79		74		70-130	7		30
Bromochloromethane	116		109		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1124525-3 WG1124525-4								
2,2-Dichloropropane	109		105		70-130	4		30
1,2-Dibromoethane	110		103		70-130	7		30
1,3-Dichloropropane	98		93		69-130	5		30
1,1,1,2-Tetrachloroethane	109		106		70-130	3		30
Bromobenzene	106		104		70-130	2		30
n-Butylbenzene	107		105		70-130	2		30
sec-Butylbenzene	107		106		70-130	1		30
tert-Butylbenzene	109		106		70-130	3		30
o-Chlorotoluene	105		102		70-130	3		30
p-Chlorotoluene	104		104		70-130	0		30
1,2-Dibromo-3-chloropropane	99		97		68-130	2		30
Hexachlorobutadiene	100		95		67-130	5		30
Isopropylbenzene	107		104		70-130	3		30
p-Isopropyltoluene	108		106		70-130	2		30
Naphthalene	109		102		70-130	7		30
Acrylonitrile	111		100		70-130	10		30
n-Propylbenzene	105		103		70-130	2		30
1,2,3-Trichlorobenzene	109		104		70-130	5		30
1,2,4-Trichlorobenzene	104		102		70-130	2		30
1,3,5-Trimethylbenzene	108		107		70-130	1		30
1,2,4-Trimethylbenzene	107		106		70-130	1		30
1,4-Dioxane	97		86		65-136	12		30
p-Diethylbenzene	106		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1124525-3 WG1124525-4								
p-Ethyltoluene	103		100		70-130	3		30
1,2,4,5-Tetramethylbenzene	106		102		70-130	4		30
Ethyl ether	101		94		67-130	7		30
trans-1,4-Dichloro-2-butene	112		107		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,29 Batch: WG1124617-3 WG1124617-4								
Methylene chloride	96		94		70-130	2		30
1,1-Dichloroethane	96		94		70-130	2		30
Chloroform	94		93		70-130	1		30
Carbon tetrachloride	98		95		70-130	3		30
1,2-Dichloropropane	94		94		70-130	0		30
Dibromochloromethane	94		93		70-130	1		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	98		93		70-130	5		30
Chlorobenzene	94		92		70-130	2		30
Trichlorofluoromethane	100		96		70-139	4		30
1,2-Dichloroethane	93		94		70-130	1		30
1,1,1-Trichloroethane	98		96		70-130	2		30
Bromodichloromethane	91		91		70-130	0		30
trans-1,3-Dichloropropene	96		95		70-130	1		30
cis-1,3-Dichloropropene	95		94		70-130	1		30
1,1-Dichloropropene	98		95		70-130	3		30
Bromoform	91		92		70-130	1		30
1,1,2,2-Tetrachloroethane	93		96		70-130	3		30
Benzene	94		92		70-130	2		30
Toluene	94		91		70-130	3		30
Ethylbenzene	96		94		70-130	2		30
Chloromethane	94		91		52-130	3		30
Bromomethane	97		95		57-147	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,29 Batch: WG1124617-3 WG1124617-4								
Vinyl chloride	101		98		67-130	3		30
Chloroethane	97		96		50-151	1		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	96		92		70-130	4		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	94		92		70-130	2		30
Methyl tert butyl ether	95		95		66-130	0		30
p/m-Xylene	96		93		70-130	3		30
o-Xylene	96		93		70-130	3		30
cis-1,2-Dichloroethene	95		92		70-130	3		30
Dibromomethane	94		94		70-130	0		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	99		95		30-146	4		30
Acetone	93		97		54-140	4		30
Carbon disulfide	93		90		59-130	3		30
2-Butanone	90		95		70-130	5		30
Vinyl acetate	95		97		70-130	2		30
4-Methyl-2-pentanone	94		98		70-130	4		30
1,2,3-Trichloropropane	95		96		68-130	1		30
2-Hexanone	86		89		70-130	3		30
Bromochloromethane	95		93		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,29 Batch: WG1124617-3 WG1124617-4								
2,2-Dichloropropane	99		96		70-130	3		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	95		96		69-130	1		30
1,1,1,2-Tetrachloroethane	95		94		70-130	1		30
Bromobenzene	94		91		70-130	3		30
n-Butylbenzene	99		95		70-130	4		30
sec-Butylbenzene	98		95		70-130	3		30
tert-Butylbenzene	96		94		70-130	2		30
o-Chlorotoluene	109		107		70-130	2		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	88		90		68-130	2		30
Hexachlorobutadiene	95		91		67-130	4		30
Isopropylbenzene	97		94		70-130	3		30
p-Isopropyltoluene	98		94		70-130	4		30
Naphthalene	93		94		70-130	1		30
Acrylonitrile	95		97		70-130	2		30
n-Propylbenzene	98		95		70-130	3		30
1,2,3-Trichlorobenzene	93		91		70-130	2		30
1,2,4-Trichlorobenzene	94		92		70-130	2		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	95		93		70-130	2		30
1,4-Dioxane	90		94		65-136	4		30
p-Diethylbenzene	96		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,29 Batch: WG1124617-3 WG1124617-4								
p-Ethyltoluene	97		94		70-130	3		30
1,2,4,5-Tetramethylbenzene	95		93		70-130	2		30
Ethyl ether	94		94		67-130	0		30
trans-1,4-Dichloro-2-butene	98		100		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 Batch: WG1124621-3 WG1124621-4								
Methylene chloride	96		94		70-130	2		30
1,1-Dichloroethane	96		94		70-130	2		30
Chloroform	94		93		70-130	1		30
Carbon tetrachloride	98		95		70-130	3		30
1,2-Dichloropropane	94		94		70-130	0		30
Dibromochloromethane	94		93		70-130	1		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	98		93		70-130	5		30
Chlorobenzene	94		92		70-130	2		30
Trichlorofluoromethane	100		96		70-139	4		30
1,2-Dichloroethane	93		94		70-130	1		30
1,1,1-Trichloroethane	98		96		70-130	2		30
Bromodichloromethane	91		91		70-130	0		30
trans-1,3-Dichloropropene	96		95		70-130	1		30
cis-1,3-Dichloropropene	95		94		70-130	1		30
1,1-Dichloropropene	98		95		70-130	3		30
Bromoform	91		92		70-130	1		30
1,1,2,2-Tetrachloroethane	93		96		70-130	3		30
Benzene	94		92		70-130	2		30
Toluene	94		91		70-130	3		30
Ethylbenzene	96		94		70-130	2		30
Chloromethane	94		91		52-130	3		30
Bromomethane	97		95		57-147	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 Batch: WG1124621-3 WG1124621-4								
Vinyl chloride	101		98		67-130	3		30
Chloroethane	97		96		50-151	1		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	96		92		70-130	4		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	94		92		70-130	2		30
Methyl tert butyl ether	95		95		66-130	0		30
p/m-Xylene	96		93		70-130	3		30
o-Xylene	96		93		70-130	3		30
cis-1,2-Dichloroethene	95		92		70-130	3		30
Dibromomethane	94		94		70-130	0		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	99		95		30-146	4		30
Acetone	93		97		54-140	4		30
Carbon disulfide	93		90		59-130	3		30
2-Butanone	90		95		70-130	5		30
Vinyl acetate	95		97		70-130	2		30
4-Methyl-2-pentanone	94		98		70-130	4		30
1,2,3-Trichloropropane	95		96		68-130	1		30
2-Hexanone	86		89		70-130	3		30
Bromochloromethane	95		93		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 Batch: WG1124621-3 WG1124621-4								
2,2-Dichloropropane	99		96		70-130	3		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	95		96		69-130	1		30
1,1,1,2-Tetrachloroethane	95		94		70-130	1		30
Bromobenzene	94		91		70-130	3		30
n-Butylbenzene	99		95		70-130	4		30
sec-Butylbenzene	98		95		70-130	3		30
tert-Butylbenzene	96		94		70-130	2		30
o-Chlorotoluene	109		107		70-130	2		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	88		90		68-130	2		30
Hexachlorobutadiene	95		91		67-130	4		30
Isopropylbenzene	97		94		70-130	3		30
p-Isopropyltoluene	98		94		70-130	4		30
Naphthalene	93		94		70-130	1		30
Acrylonitrile	95		97		70-130	2		30
n-Propylbenzene	98		95		70-130	3		30
1,2,3-Trichlorobenzene	93		91		70-130	2		30
1,2,4-Trichlorobenzene	94		92		70-130	2		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	95		93		70-130	2		30
1,4-Dioxane	90		94		65-136	4		30
p-Diethylbenzene	96		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 Batch: WG1124621-3 WG1124621-4								
p-Ethyltoluene	97		94		70-130	3		30
1,2,4,5-Tetramethylbenzene	95		93		70-130	2		30
Ethyl ether	94		94		67-130	0		30
trans-1,4-Dichloro-2-butene	98		100		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 Batch: WG1124684-3 WG1124684-4								
Methylene chloride	97		101		70-130	4		30
1,1-Dichloroethane	101		103		70-130	2		30
Chloroform	98		99		70-130	1		30
Carbon tetrachloride	90		95		70-130	5		30
1,2-Dichloropropane	102		102		70-130	0		30
Dibromochloromethane	91		91		70-130	0		30
1,1,2-Trichloroethane	103		103		70-130	0		30
Tetrachloroethene	90		88		70-130	2		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	92		94		70-139	2		30
1,2-Dichloroethane	98		104		70-130	6		30
1,1,1-Trichloroethane	97		100		70-130	3		30
Bromodichloromethane	95		102		70-130	7		30
trans-1,3-Dichloropropene	108		107		70-130	1		30
cis-1,3-Dichloropropene	104		107		70-130	3		30
1,1-Dichloropropene	101		104		70-130	3		30
Bromoform	99		96		70-130	3		30
1,1,2,2-Tetrachloroethane	112		111		70-130	1		30
Benzene	98		101		70-130	3		30
Toluene	100		101		70-130	1		30
Ethylbenzene	99		100		70-130	1		30
Chloromethane	109		108		52-130	1		30
Bromomethane	80		82		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 Batch: WG1124684-3 WG1124684-4								
Vinyl chloride	110		110		67-130	0		30
Chloroethane	103		108		50-151	5		30
1,1-Dichloroethene	98		102		65-135	4		30
trans-1,2-Dichloroethene	99		100		70-130	1		30
Trichloroethene	92		95		70-130	3		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	96		98		70-130	2		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	100		102		66-130	2		30
p/m-Xylene	97		97		70-130	0		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	98		99		70-130	1		30
Dibromomethane	99		103		70-130	4		30
Styrene	98		98		70-130	0		30
Dichlorodifluoromethane	105		108		30-146	3		30
Acetone	104		99		54-140	5		30
Carbon disulfide	103		106		59-130	3		30
2-Butanone	95		93		70-130	2		30
Vinyl acetate	102		106		70-130	4		30
4-Methyl-2-pentanone	110		112		70-130	2		30
1,2,3-Trichloropropane	110		110		68-130	0		30
2-Hexanone	103		97		70-130	6		30
Bromochloromethane	88		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 Batch: WG1124684-3 WG1124684-4								
2,2-Dichloropropane	104		106		70-130	2		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	106		106		69-130	0		30
1,1,1,2-Tetrachloroethane	91		92		70-130	1		30
Bromobenzene	97		97		70-130	0		30
n-Butylbenzene	106		108		70-130	2		30
sec-Butylbenzene	104		107		70-130	3		30
tert-Butylbenzene	99		97		70-130	2		30
o-Chlorotoluene	103		104		70-130	1		30
p-Chlorotoluene	103		105		70-130	2		30
1,2-Dibromo-3-chloropropane	98		94		68-130	4		30
Hexachlorobutadiene	97		97		67-130	0		30
Isopropylbenzene	106		106		70-130	0		30
p-Isopropyltoluene	97		97		70-130	0		30
Naphthalene	99		98		70-130	1		30
Acrylonitrile	108		102		70-130	6		30
n-Propylbenzene	105		107		70-130	2		30
1,2,3-Trichlorobenzene	92		93		70-130	1		30
1,2,4-Trichlorobenzene	88		92		70-130	4		30
1,3,5-Trimethylbenzene	104		105		70-130	1		30
1,2,4-Trimethylbenzene	103		104		70-130	1		30
1,4-Dioxane	98		98		65-136	0		30
p-Diethylbenzene	96		96		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 Batch: WG1124684-3 WG1124684-4								
p-Ethyltoluene	104		106		70-130	2		30
1,2,4,5-Tetramethylbenzene	94		96		70-130	2		30
Ethyl ether	93		100		67-130	7		30
trans-1,4-Dichloro-2-butene	119		122		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		110		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	113		109		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1124914-3 WG1124914-4								
Methylene chloride	96		94		70-130	2		30
1,1-Dichloroethane	96		97		70-130	1		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	88		89		70-130	1		30
1,2-Dichloropropane	96		97		70-130	1		30
Dibromochloromethane	87		87		70-130	0		30
1,1,2-Trichloroethane	99		97		70-130	2		30
Tetrachloroethene	88		84		70-130	5		30
Chlorobenzene	87		85		70-130	2		30
Trichlorofluoromethane	85		85		70-139	0		30
1,2-Dichloroethane	94		98		70-130	4		30
1,1,1-Trichloroethane	94		94		70-130	0		30
Bromodichloromethane	94		95		70-130	1		30
trans-1,3-Dichloropropene	98		100		70-130	2		30
cis-1,3-Dichloropropene	100		101		70-130	1		30
1,1-Dichloropropene	96		95		70-130	1		30
Bromoform	89		87		70-130	2		30
1,1,2,2-Tetrachloroethane	102		104		70-130	2		30
Benzene	94		96		70-130	2		30
Toluene	97		96		70-130	1		30
Ethylbenzene	94		93		70-130	1		30
Chloromethane	99		101		52-130	2		30
Bromomethane	75		78		57-147	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1124914-3 WG1124914-4								
Vinyl chloride	102		102		67-130	0		30
Chloroethane	98		96		50-151	2		30
1,1-Dichloroethene	93		93		65-135	0		30
trans-1,2-Dichloroethene	93		95		70-130	2		30
Trichloroethene	92		89		70-130	3		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	92		92		70-130	0		30
1,4-Dichlorobenzene	89		90		70-130	1		30
Methyl tert butyl ether	93		95		66-130	2		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	92		91		70-130	1		30
cis-1,2-Dichloroethene	92		95		70-130	3		30
Dibromomethane	93		94		70-130	1		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	102		99		30-146	3		30
Acetone	96		100		54-140	4		30
Carbon disulfide	99		99		59-130	0		30
2-Butanone	79		77		70-130	3		30
Vinyl acetate	96		97		70-130	1		30
4-Methyl-2-pentanone	93		107		70-130	14		30
1,2,3-Trichloropropane	103		102		68-130	1		30
2-Hexanone	85		85		70-130	0		30
Bromochloromethane	88		86		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1124914-3 WG1124914-4								
2,2-Dichloropropane	97		96		70-130	1		30
1,2-Dibromoethane	96		94		70-130	2		30
1,3-Dichloropropane	100		100		69-130	0		30
1,1,1,2-Tetrachloroethane	88		87		70-130	1		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	100		98		70-130	2		30
sec-Butylbenzene	99		99		70-130	0		30
tert-Butylbenzene	92		92		70-130	0		30
o-Chlorotoluene	96		96		70-130	0		30
p-Chlorotoluene	98		98		70-130	0		30
1,2-Dibromo-3-chloropropane	96		92		68-130	4		30
Hexachlorobutadiene	95		89		67-130	7		30
Isopropylbenzene	100		99		70-130	1		30
p-Isopropyltoluene	92		90		70-130	2		30
Naphthalene	90		93		70-130	3		30
Acrylonitrile	93		99		70-130	6		30
n-Propylbenzene	100		98		70-130	2		30
1,2,3-Trichlorobenzene	90		88		70-130	2		30
1,2,4-Trichlorobenzene	87		87		70-130	0		30
1,3,5-Trimethylbenzene	100		99		70-130	1		30
1,2,4-Trimethylbenzene	100		100		70-130	0		30
1,4-Dioxane	94		95		65-136	1		30
p-Diethylbenzene	90		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1124914-3 WG1124914-4								
p-Ethyltoluene	100		100		70-130	0		30
1,2,4,5-Tetramethylbenzene	89		89		70-130	0		30
Ethyl ether	89		94		67-130	5		30
trans-1,4-Dichloro-2-butene	106		115		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		109		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	110		111		70-130
Dibromofluoromethane	94		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 Batch: WG1124998-3 WG1124998-4								
Methylene chloride	98		96		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		100		63-130	2		20
1,1,2-Trichloroethane	94		96		70-130	2		20
Tetrachloroethene	73		73		70-130	0		20
Chlorobenzene	98		99		75-130	1		20
Trichlorofluoromethane	130		130		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	78		79		54-136	1		20
1,1,2,2-Tetrachloroethane	75		75		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	96		98		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 Batch: WG1124998-3 WG1124998-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	82		82		70-130	0		20
1,3-Dichlorobenzene	84		84		70-130	0		20
1,4-Dichlorobenzene	84		83		70-130	1		20
Methyl tert butyl ether	110		110		63-130	0		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		100		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	77		77		64-130	0		20
Acrylonitrile	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	130		120		36-147	8		20
Acetone	92		92		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	88		89		59-130	1		20
2-Hexanone	86		88		57-130	2		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 Batch: WG1124998-3 WG1124998-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	97		100		70-130	3		20
1,3-Dichloropropane	95		95		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	83		83		70-130	0		20
n-Butylbenzene	89		88		53-136	1		20
sec-Butylbenzene	86		84		70-130	2		20
tert-Butylbenzene	79		78		70-130	1		20
o-Chlorotoluene	82		82		70-130	0		20
p-Chlorotoluene	87		86		70-130	1		20
1,2-Dibromo-3-chloropropane	71		72		41-144	1		20
Hexachlorobutadiene	83		83		63-130	0		20
Isopropylbenzene	86		86		70-130	0		20
p-Isopropyltoluene	88		87		70-130	1		20
Naphthalene	77		75		70-130	3		20
n-Propylbenzene	86		85		69-130	1		20
1,2,3-Trichlorobenzene	83		82		70-130	1		20
1,2,4-Trichlorobenzene	88		87		70-130	1		20
1,3,5-Trimethylbenzene	87		86		64-130	1		20
1,2,4-Trimethylbenzene	87		86		70-130	1		20
1,4-Dioxane	84		82		56-162	2		20
p-Diethylbenzene	90		89		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 Batch: WG1124998-3 WG1124998-4								
p-Ethyltoluene	87		86		70-130	1		20
1,2,4,5-Tetramethylbenzene	90		90		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	82		80		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	92		91		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1125057-3 WG1125057-4								
Methylene chloride	93		92		70-130	1		20
1,1-Dichloroethane	84		84		70-130	0		20
Chloroform	89		87		70-130	2		20
Carbon tetrachloride	84		80		63-132	5		20
1,2-Dichloropropane	86		86		70-130	0		20
Dibromochloromethane	84		83		63-130	1		20
1,1,2-Trichloroethane	99		99		70-130	0		20
Tetrachloroethene	86		83		70-130	4		20
Chlorobenzene	91		90		75-130	1		20
Trichlorofluoromethane	75		73		62-150	3		20
1,2-Dichloroethane	82		83		70-130	1		20
1,1,1-Trichloroethane	85		82		67-130	4		20
Bromodichloromethane	88		89		67-130	1		20
trans-1,3-Dichloropropene	91		89		70-130	2		20
cis-1,3-Dichloropropene	89		88		70-130	1		20
1,1-Dichloropropene	86		83		70-130	4		20
Bromoform	88		88		54-136	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	93		93		70-130	0		20
Toluene	94		93		70-130	1		20
Ethylbenzene	98		96		70-130	2		20
Chloromethane	60	Q	58	Q	64-130	3		20
Bromomethane	74		71		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1125057-3 WG1125057-4								
Vinyl chloride	70		67		55-140	4		20
Chloroethane	82		79		55-138	4		20
1,1-Dichloroethene	82		80		61-145	2		20
trans-1,2-Dichloroethene	89		87		70-130	2		20
Trichloroethene	90		88		70-130	2		20
1,2-Dichlorobenzene	94		95		70-130	1		20
1,3-Dichlorobenzene	94		93		70-130	1		20
1,4-Dichlorobenzene	93		93		70-130	0		20
Methyl tert butyl ether	81		79		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	92		89		70-130	3		20
Dibromomethane	90		91		70-130	1		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	100		97		70-130	3		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	66		63		36-147	5		20
Acetone	89		90		58-148	1		20
Carbon disulfide	86		85		51-130	1		20
2-Butanone	96		99		63-138	3		20
Vinyl acetate	97		97		70-130	0		20
4-Methyl-2-pentanone	98		98		59-130	0		20
2-Hexanone	94		96		57-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1125057-3 WG1125057-4								
Bromochloromethane	87		86		70-130	1		20
2,2-Dichloropropane	86		84		63-133	2		20
1,2-Dibromoethane	95		96		70-130	1		20
1,3-Dichloropropane	95		94		70-130	1		20
1,1,1,2-Tetrachloroethane	87		86		64-130	1		20
Bromobenzene	87		89		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	95		94		70-130	1		20
o-Chlorotoluene	99		100		70-130	1		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	89		91		41-144	2		20
Hexachlorobutadiene	120		110		63-130	9		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	99		97		70-130	2		20
Naphthalene	130		140	Q	70-130	7		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	160	Q	170	Q	70-130	6		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	122		124		56-162	2		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1125057-3 WG1125057-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		20
Ethyl ether	91		91		59-134	0		20
trans-1,4-Dichloro-2-butene	86		89		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	110		113		70-130
Dibromofluoromethane	99		99		70-130

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 QC Batch ID: WG1124621-6 WG1124621-7 QC Sample: L1820814-35 Client ID: SS-3B												
Methylene chloride	ND	7500	8000	106		8200	110		70-130	3		30
1,1-Dichloroethane	ND	7500	8100	107		8200	109		70-130	1		30
Chloroform	ND	7500	7800	103		7700	103		70-130	1		30
Carbon tetrachloride	ND	7500	8200	109		7800	104		70-130	4		30
1,2-Dichloropropane	ND	7500	8000	106		7800	104		70-130	2		30
Dibromochloromethane	ND	7500	7600	101		7400	99		70-130	2		30
1,1,2-Trichloroethane	ND	7500	7500	100		7600	101		70-130	0		30
Tetrachloroethene	2800	7500	10000	96		7700	65	Q	70-130	26		30
Chlorobenzene	ND	7500	7400	99		5800	78		70-130	24		30
Trichlorofluoromethane	ND	7500	1700	22	Q	1500	20	Q	70-139	10		30
1,2-Dichloroethane	ND	7500	7800	104		7800	104		70-130	0		30
1,1,1-Trichloroethane	130	7500	8200	108		8100	106		70-130	2		30
Bromodichloromethane	ND	7500	7800	104		7600	101		70-130	3		30
trans-1,3-Dichloropropene	ND	7500	7500	100		7100	95		70-130	5		30
cis-1,3-Dichloropropene	ND	7500	7800	104		7300	97		70-130	6		30
1,1-Dichloropropene	ND	7500	8300	110		7600	102		70-130	8		30
Bromoform	ND	7500	7300	97		7100	95		70-130	2		30
1,1,2,2-Tetrachloroethane	ND	7500	7300	97		7300	97		70-130	0		30
Benzene	ND	7500	7700	103		7400	98		70-130	4		30
Toluene	15.J	7500	7400	99		6300	84		70-130	16		30
Ethylbenzene	ND	7500	7700	102		5400	72		70-130	34	Q	30
Chloromethane	ND	7500	7900	105		8300	111		52-130	5		30
Bromomethane	ND	7500	6400	85		7300	98		57-147	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 QC Batch ID: WG1124621-6 WG1124621-7 QC Sample: L1820814-35 Client ID: SS-3B												
Vinyl chloride	ND	7500	8000	107		8500	113		67-130	5		30
Chloroethane	ND	7500	2200	30	Q	2200	29	Q	50-151	2		30
1,1-Dichloroethene	ND	7500	8400	112		8500	113		65-135	1		30
trans-1,2-Dichloroethene	ND	7500	7900	106		7800	103		70-130	2		30
Trichloroethene	1300	7500	9200	105		8100	91		70-130	12		30
1,2-Dichlorobenzene	ND	7500	7300	97		4900	66	Q	70-130	39	Q	30
1,3-Dichlorobenzene	ND	7500	7200	96		4400	59	Q	70-130	48	Q	30
1,4-Dichlorobenzene	ND	7500	7100	95		4300	57	Q	70-130	50	Q	30
Methyl tert butyl ether	ND	7500	7700	103		8100	108		66-130	5		30
p/m-Xylene	ND	15000	15000	102		10000	69	Q	70-130	38	Q	30
o-Xylene	ND	15000	15000	103		11000	74		70-130	32	Q	30
cis-1,2-Dichloroethene	41.J	7500	7800	104		7700	103		70-130	1		30
Dibromomethane	ND	7500	7700	103		7700	103		70-130	0		30
Styrene	ND	15000	16000	107		12000	78		70-130	32	Q	30
Dichlorodifluoromethane	ND	7500	8300	110		8900	119		30-146	8		30
Acetone	ND	7500	7500	100		8000	107		54-140	7		30
Carbon disulfide	ND	7500	7800	104		7700	102		59-130	2		30
2-Butanone	ND	7500	7000	93		7500	100		70-130	7		30
Vinyl acetate	ND	7500	7900	105		8200	109		70-130	3		30
4-Methyl-2-pentanone	ND	7500	7500	100		8100	107		70-130	7		30
1,2,3-Trichloropropane	ND	7500	7300	97		7200	95		68-130	1		30
2-Hexanone	ND	7500	6700	89		7200	95		70-130	6		30
Bromochloromethane	ND	7500	7700	102		7700	103		70-130	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 QC Batch ID: WG1124621-6 WG1124621-7 QC Sample: L1820814-35 Client ID: SS-3B												
2,2-Dichloropropane	ND	7500	7900	105		7800	104		70-130	1		30
1,2-Dibromoethane	ND	7500	7400	98		7300	97		70-130	1		30
1,3-Dichloropropane	ND	7500	7500	100		7400	99		69-130	1		30
1,1,1,2-Tetrachloroethane	ND	7500	7600	102		6800	90		70-130	12		30
Bromobenzene	ND	7500	7200	96		5400	72		70-130	28		30
n-Butylbenzene	ND	7500	7600	102		2900	39	Q	70-130	90	Q	30
sec-Butylbenzene	ND	7500	7800	103		3800	51	Q	70-130	68	Q	30
tert-Butylbenzene	ND	7500	7600	102		4300	58	Q	70-130	55	Q	30
o-Chlorotoluene	ND	7500	8500	113		5200	69	Q	70-130	48	Q	30
p-Chlorotoluene	ND	7500	7300	98		4300	58	Q	70-130	51	Q	30
1,2-Dibromo-3-chloropropane	ND	7500	7000	94		7200	96		68-130	3		30
Hexachlorobutadiene	ND	7500	7700	102		2500	33	Q	67-130	103	Q	30
Isopropylbenzene	ND	7500	7600	101		4800	64	Q	70-130	45	Q	30
p-Isopropyltoluene	ND	7500	7600	101		3400	46	Q	70-130	76	Q	30
Naphthalene	350J	7500	7600	101		6400	86		70-130	16		30
Acrylonitrile	ND	7500	7500	100		8000	106		70-130	6		30
n-Propylbenzene	ND	7500	7700	102		4100	55	Q	70-130	60	Q	30
1,2,3-Trichlorobenzene	ND	7500	7200	96		4700	62	Q	70-130	42	Q	30
1,2,4-Trichlorobenzene	ND	7500	7100	94		4200	56	Q	70-130	52	Q	30
1,3,5-Trimethylbenzene	ND	7500	7600	101		4300	58	Q	70-130	55	Q	30
1,2,4-Trimethylbenzene	ND	7500	7400	99		4200	56	Q	70-130	56	Q	30
1,4-Dioxane	ND	380000	310000	81		330000	87		65-136	7		30
p-Diethylbenzene	ND	7500	7500	100		3000	40	Q	70-130	85	Q	30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17-18,31-35 QC Batch ID: WG1124621-6 WG1124621-7 QC Sample: L1820814-35 Client ID: SS-3B												
p-Ethyltoluene	ND	7500	7500	100		3900	52	Q	70-130	63	Q	30
1,2,4,5-Tetramethylbenzene	ND	7500	7500	100		3700	50	Q	70-130	68	Q	30
Ethyl ether	ND	7500	7900	106		8300	110		67-130	4		30
trans-1,4-Dichloro-2-butene	ND	7500	7100	94		6900	92		70-130	2		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	98		99		70-130
Toluene-d8	99		99		70-130

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1124684-6 WG1124684-7 QC Sample: L1820814-36 Client ID: SS-4B												
Methylene chloride	ND	199	190	93		120	92		70-130	39	Q	30
1,1-Dichloroethane	ND	199	200	102		140	102		70-130	39	Q	30
Chloroform	ND	199	190	96		120	92		70-130	42	Q	30
Carbon tetrachloride	ND	199	190	94		120	91		70-130	42	Q	30
1,2-Dichloropropane	ND	199	200	98		130	94		70-130	43	Q	30
Dibromochloromethane	ND	199	160	80		99	74		70-130	47	Q	30
1,1,2-Trichloroethane	ND	199	180	91		110	84		70-130	46	Q	30
Tetrachloroethene	4.2	199	160	77		89	63	Q	70-130	55	Q	30
Chlorobenzene	ND	199	140	69	Q	69	51	Q	70-130	66	Q	30
Trichlorofluoromethane	ND	199	180	90		130	97		70-139	31	Q	30
1,2-Dichloroethane	ND	199	190	94		120	90		70-130	43	Q	30
1,1,1-Trichloroethane	ND	199	200	100		130	99		70-130	39	Q	30
Bromodichloromethane	ND	199	190	94		120	86		70-130	47	Q	30
trans-1,3-Dichloropropene	ND	199	170	88		100	78		70-130	50	Q	30
cis-1,3-Dichloropropene	ND	199	190	95		110	84		70-130	50	Q	30
1,1-Dichloropropene	ND	199	200	99		120	91		70-130	47	Q	30
Bromoform	ND	199	160	82		100	75		70-130	48	Q	30
1,1,2,2-Tetrachloroethane	ND	199	160	82		100	76		70-130	47	Q	30
Benzene	ND	199	190	95		120	88		70-130	46	Q	30
Toluene	0.88J	199	170	87		98	73		70-130	56	Q	30
Ethylbenzene	ND	199	160	79		74	55	Q	70-130	72	Q	30
Chloromethane	ND	199	210	106		150	113		52-130	32	Q	30
Bromomethane	ND	199	170	84		120	92		57-147	30		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1124684-6 WG1124684-7 QC Sample: L1820814-36 Client ID: SS-4B												
Vinyl chloride	ND	199	210	108		160	118		67-130	30		30
Chloroethane	ND	199	210	106		150	112		50-151	34	Q	30
1,1-Dichloroethene	ND	199	200	99		140	104		65-135	33	Q	30
trans-1,2-Dichloroethene	ND	199	190	93		120	90		70-130	42	Q	30
Trichloroethene	2.2	199	180	90		120	88		70-130	41	Q	30
1,2-Dichlorobenzene	ND	199	110	54	Q	46	34	Q	70-130	80	Q	30
1,3-Dichlorobenzene	ND	199	110	53	Q	42	31	Q	70-130	87	Q	30
1,4-Dichlorobenzene	ND	199	100	50	Q	37	28	Q	70-130	91	Q	30
Methyl tert butyl ether	ND	199	190	95		130	98		66-130	36	Q	30
p/m-Xylene	ND	398	300	76		140	51	Q	70-130	76	Q	30
o-Xylene	ND	398	310	77		150	54	Q	70-130	71	Q	30
cis-1,2-Dichloroethene	ND	199	180	91		120	88		70-130	42	Q	30
Dibromomethane	ND	199	180	90		110	84		70-130	46	Q	30
Styrene	ND	398	290	74		130	49	Q	70-130	76	Q	30
Dichlorodifluoromethane	ND	199	220	109		170	124		30-146	26		30
Acetone	ND	199	210	104		160	117		54-140	27		30
Carbon disulfide	ND	199	190	96		130	94		59-130	41	Q	30
2-Butanone	ND	199	190	94		120	89		70-130	44	Q	30
Vinyl acetate	ND	199	44	22	Q	25	19	Q	70-130	54	Q	30
4-Methyl-2-pentanone	ND	199	200	99		130	94		70-130	43	Q	30
1,2,3-Trichloropropane	ND	199	180	90		110	84		68-130	45	Q	30
2-Hexanone	ND	199	170	84		110	79		70-130	45	Q	30
Bromochloromethane	ND	199	160	81		100	78		70-130	43	Q	30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1124684-6 WG1124684-7 QC Sample: L1820814-36 Client ID: SS-4B												
2,2-Dichloropropane	ND	199	210	104		140	106		70-130	37	Q	30
1,2-Dibromoethane	ND	199	160	81		100	75		70-130	47	Q	30
1,3-Dichloropropane	ND	199	180	92		120	86		69-130	45	Q	30
1,1,1,2-Tetrachloroethane	ND	199	160	82		92	69	Q	70-130	55	Q	30
Bromobenzene	ND	199	130	63	Q	62	46	Q	70-130	69	Q	30
n-Butylbenzene	ND	199	100	52	Q	29	22	Q	70-130	113	Q	30
sec-Butylbenzene	ND	199	130	66	Q	47	35	Q	70-130	96	Q	30
tert-Butylbenzene	ND	199	140	68	Q	55	41	Q	70-130	84	Q	30
o-Chlorotoluene	ND	199	140	69	Q	56	42	Q	70-130	83	Q	30
p-Chlorotoluene	ND	199	130	64	Q	49	36	Q	70-130	89	Q	30
1,2-Dibromo-3-chloropropane	ND	199	150	73		91	68		68-130	46	Q	30
Hexachlorobutadiene	ND	199	69	35	Q	19	14	Q	67-130	115	Q	30
Isopropylbenzene	ND	199	160	80		70	52	Q	70-130	79	Q	30
p-Isopropyltoluene	ND	199	120	58	Q	38	28	Q	70-130	101	Q	30
Naphthalene	ND	199	89	44	Q	42	31	Q	70-130	71	Q	30
Acrylonitrile	ND	199	200	99		130	95		70-130	42	Q	30
n-Propylbenzene	ND	199	140	71		53	39	Q	70-130	91	Q	30
1,2,3-Trichlorobenzene	ND	199	67	34	Q	28	21	Q	70-130	83	Q	30
1,2,4-Trichlorobenzene	ND	199	66	33	Q	25	19	Q	70-130	90	Q	30
1,3,5-Trimethylbenzene	ND	199	140	70		55	41	Q	70-130	87	Q	30
1,2,4-Trimethylbenzene	ND	199	140	69	Q	52	38	Q	70-130	91	Q	30
1,4-Dioxane	ND	9940	10000	100		7200	107		65-136	32	Q	30
p-Diethylbenzene	ND	199	100	51	Q	30	22	Q	70-130	109	Q	30

Matrix Spike Analysis*Batch Quality Control***Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1124684-6 WG1124684-7 QC Sample: L1820814-36 Client ID: SS-4B												
p-Ethyltoluene	ND	199	140	70		50	37	Q	70-130	94	Q	30
1,2,4,5-Tetramethylbenzene	ND	199	100	50	Q	34	25	Q	70-130	98	Q	30
Ethyl ether	ND	199	190	98		130	100		67-130	37	Q	30
trans-1,4-Dichloro-2-butene	ND	199	170	84		100	75		70-130	49	Q	30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		106		70-130
4-Bromofluorobenzene	107		108		70-130
Dibromofluoromethane	95		96		70-130
Toluene-d8	100		99		70-130

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 QC Batch ID: WG1124998-6 WG1124998-7 QC Sample: L1820814-20 Client ID: MW-B												
Methylene chloride	ND	50	51	102		54	108		70-130	6		20
1,1-Dichloroethane	18	50	72	108		74	112		70-130	3		20
Chloroform	ND	50	56	112		59	118		70-130	5		20
Carbon tetrachloride	ND	50	53	106		56	112		63-132	6		20
1,2-Dichloropropane	ND	50	51	102		54	108		70-130	6		20
Dibromochloromethane	ND	50	48	96		51	102		63-130	6		20
1,1,2-Trichloroethane	ND	50	46	92		50	100		70-130	8		20
Tetrachloroethene	610	50	560	0	Q	580	0	Q	70-130	4		20
Chlorobenzene	ND	50	45	90		49	98		75-130	9		20
Trichlorofluoromethane	ND	50	69	138		74	148		62-150	7		20
1,2-Dichloroethane	ND	50	55	110		59	118		70-130	7		20
1,1,1-Trichloroethane	110	50	160	100		160	100		67-130	0		20
Bromodichloromethane	ND	50	53	106		57	114		67-130	7		20
trans-1,3-Dichloropropene	ND	50	47	94		51	102		70-130	8		20
cis-1,3-Dichloropropene	ND	50	48	96		51	102		70-130	6		20
1,1-Dichloropropene	ND	50	52	104		56	112		70-130	7		20
Bromoform	ND	50	36	72		39	78		54-136	8		20
1,1,2,2-Tetrachloroethane	ND	50	35	70		37	74		67-130	6		20
Benzene	ND	50	50	100		54	108		70-130	8		20
Toluene	ND	50	45	90		48	96		70-130	6		20
Ethylbenzene	ND	50	45	90		49	98		70-130	9		20
Chloromethane	ND	50	73	146	Q	78	156	Q	64-130	7		20
Bromomethane	ND	50	76	152	Q	77	154	Q	39-139	1		20

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 QC Batch ID: WG1124998-6 WG1124998-7 QC Sample: L1820814-20 Client ID: MW-B												
Vinyl chloride	2.3J	50	77	154	Q	82	164	Q	55-140	6		20
Chloroethane	ND	50	72	144	Q	78	156	Q	55-138	8		20
1,1-Dichloroethene	7.2	50	64	114		64	114		61-145	0		20
trans-1,2-Dichloroethene	ND	50	55	110		58	116		70-130	5		20
Trichloroethene	160	50	190	60	Q	190	60	Q	70-130	0		20
1,2-Dichlorobenzene	ND	50	36	72		39	78		70-130	8		20
1,3-Dichlorobenzene	ND	50	36	72		39	78		70-130	8		20
1,4-Dichlorobenzene	ND	50	36	72		39	78		70-130	8		20
Methyl tert butyl ether	ND	50	56	112		58	116		63-130	4		20
p/m-Xylene	ND	100	90	90		98	98		70-130	9		20
o-Xylene	ND	100	92	92		98	98		70-130	6		20
cis-1,2-Dichloroethene	340	50	390	100		390	100		70-130	0		20
Dibromomethane	ND	50	51	102		53	106		70-130	4		20
1,2,3-Trichloropropane	ND	50	36	72		38	76		64-130	5		20
Acrylonitrile	ND	50	49	98		51	102		70-130	4		20
Styrene	ND	100	94	94		100	100		70-130	6		20
Dichlorodifluoromethane	ND	50	86	172	Q	94	188	Q	36-147	9		20
Acetone	ND	50	50	100		57	114		58-148	13		20
Carbon disulfide	ND	50	58	116		61	122		51-130	5		20
2-Butanone	ND	50	48	96		51	102		63-138	6		20
Vinyl acetate	ND	50	48	96		50	100		70-130	4		20
4-Methyl-2-pentanone	ND	50	42	84		45	90		59-130	7		20
2-Hexanone	ND	50	41	82		43	86		57-130	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 QC Batch ID: WG1124998-6 WG1124998-7 QC Sample: L1820814-20 Client ID: MW-B												
Bromochloromethane	ND	50	51	102		55	110		70-130	8		20
2,2-Dichloropropane	ND	50	45	90		48	96		63-133	6		20
1,2-Dibromoethane	ND	50	47	94		50	100		70-130	6		20
1,3-Dichloropropane	ND	50	46	92		49	98		70-130	6		20
1,1,1,2-Tetrachloroethane	ND	50	48	96		52	104		64-130	8		20
Bromobenzene	ND	50	37	74		41	82		70-130	10		20
n-Butylbenzene	ND	50	33	66		37	74		53-136	11		20
sec-Butylbenzene	ND	50	32	64	Q	36	72		70-130	12		20
tert-Butylbenzene	ND	50	31	62	Q	35	70		70-130	12		20
o-Chlorotoluene	ND	50	35	70		38	76		70-130	8		20
p-Chlorotoluene	ND	50	36	72		40	80		70-130	11		20
1,2-Dibromo-3-chloropropane	ND	50	31	62		34	68		41-144	9		20
Hexachlorobutadiene	ND	50	30	60	Q	34	68		63-130	13		20
Isopropylbenzene	ND	50	35	70		39	78		70-130	11		20
p-Isopropyltoluene	ND	50	34	68	Q	38	76		70-130	11		20
Naphthalene	ND	50	34	68	Q	37	74		70-130	8		20
n-Propylbenzene	ND	50	34	68	Q	38	76		69-130	11		20
1,2,3-Trichlorobenzene	ND	50	36	72		39	78		70-130	8		20
1,2,4-Trichlorobenzene	ND	50	36	72		40	80		70-130	11		20
1,3,5-Trimethylbenzene	ND	50	36	72		39	78		64-130	8		20
1,2,4-Trimethylbenzene	ND	50	36	72		40	80		70-130	11		20
1,4-Dioxane	ND	2500	2200	88		2200	88		56-162	0		20
p-Diethylbenzene	ND	50	35	70		39	78		70-130	11		20

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-21 QC Batch ID: WG1124998-6 WG1124998-7 QC Sample: L1820814-20 Client ID: MW-B												
p-Ethyltoluene	ND	50	35	70		38	76		70-130	8		20
1,2,4,5-Tetramethylbenzene	ND	50	37	74		41	82		70-130	10		20
Ethyl ether	ND	50	54	108		55	110		59-134	2		20
trans-1,4-Dichloro-2-butene	ND	50	29	58	Q	30	60	Q	70-130	3		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
4-Bromofluorobenzene	91		92		70-130
Dibromofluoromethane	102		101		70-130
Toluene-d8	97		97		70-130

SEMIVOLATILES

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01 D2
 Client ID: SB-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/12/18 03:24
 Analyst: SZ
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

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

Fluoranthene	190000		ug/kg	10000	2000	100
Naphthalene	80000		ug/kg	18000	2100	100
Phenanthrene	290000		ug/kg	10000	2100	100
Pyrene	150000		ug/kg	10000	1800	100

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01 D
 Client ID: SB-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/12/18 02:59
 Analyst: SZ
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	41000		ug/kg	1400	180	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	200	10
Hexachlorobenzene	ND		ug/kg	1000	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	170	10
1,2-Dichlorobenzene	ND		ug/kg	1800	320	10
1,3-Dichlorobenzene	ND		ug/kg	1800	300	10
1,4-Dichlorobenzene	ND		ug/kg	1800	310	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	470	10
2,4-Dinitrotoluene	ND		ug/kg	1800	350	10
2,6-Dinitrotoluene	ND		ug/kg	1800	300	10
Fluoranthene	160000	E	ug/kg	1000	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	270	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5000	1600	10
Hexachloroethane	ND		ug/kg	1400	280	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	78000	E	ug/kg	1800	210	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	270	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	610	10
Butyl benzyl phthalate	ND		ug/kg	1800	440	10
Di-n-butylphthalate	ND		ug/kg	1800	330	10
Di-n-octylphthalate	ND		ug/kg	1800	600	10

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01 D
 Client ID: SB-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1800	160	10
Dimethyl phthalate	ND		ug/kg	1800	370	10
Benzo(a)anthracene	70000		ug/kg	1000	200	10
Benzo(a)pyrene	53000		ug/kg	1400	430	10
Benzo(b)fluoranthene	64000		ug/kg	1000	300	10
Benzo(k)fluoranthene	24000		ug/kg	1000	280	10
Chrysene	63000		ug/kg	1000	180	10
Acenaphthylene	1400		ug/kg	1400	270	10
Anthracene	70000		ug/kg	1000	340	10
Benzo(ghi)perylene	28000		ug/kg	1400	210	10
Fluorene	27000		ug/kg	1800	170	10
Phenanthrene	220000	E	ug/kg	1000	210	10
Dibenzo(a,h)anthracene	7700		ug/kg	1000	200	10
Indeno(1,2,3-cd)pyrene	32000		ug/kg	1400	240	10
Pyrene	140000	E	ug/kg	1000	180	10
Biphenyl	7900		ug/kg	4000	410	10
4-Chloroaniline	ND		ug/kg	1800	320	10
2-Nitroaniline	ND		ug/kg	1800	340	10
3-Nitroaniline	ND		ug/kg	1800	330	10
4-Nitroaniline	ND		ug/kg	1800	730	10
Dibenzofuran	44000		ug/kg	1800	170	10
2-Methylnaphthalene	31000		ug/kg	2100	210	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	180	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	330	10
p-Chloro-m-cresol	ND		ug/kg	1800	260	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	280	10
2,4-Dimethylphenol	ND		ug/kg	1800	580	10
2-Nitrophenol	ND		ug/kg	3800	660	10
4-Nitrophenol	ND		ug/kg	2500	720	10
2,4-Dinitrophenol	ND		ug/kg	8500	820	10
4,6-Dinitro-o-cresol	ND		ug/kg	4600	850	10
Pentachlorophenol	ND		ug/kg	1400	390	10
Phenol	530	J	ug/kg	1800	270	10
2-Methylphenol	340	J	ug/kg	1800	270	10
3-Methylphenol/4-Methylphenol	1200	J	ug/kg	2500	280	10

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01 D

Date Collected: 06/04/18 13:45

Client ID: SB-1A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1800	340	10
Benzoic Acid	ND		ug/kg	5700	1800	10
Benzyl Alcohol	ND		ug/kg	1800	540	10
Carbazole	27000		ug/kg	1800	170	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	93		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-02
 Client ID: SB-2A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:05
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/18 21:08
 Analyst: HL
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	280		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	26	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-02**Date Collected:** 06/05/18 15:05**Client ID:** SB-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	140		ug/kg	110	20.	1
Benzo(a)pyrene	120	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	160		ug/kg	110	31.	1
Benzo(k)fluoranthene	56	J	ug/kg	110	29.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	40	J	ug/kg	140	28.	1
Anthracene	41	J	ug/kg	110	35.	1
Benzo(ghi)perylene	68	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	79	J	ug/kg	140	25.	1
Pyrene	240		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	18	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-02**Date Collected:** 06/05/18 15:05**Client ID:** SB-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	89		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-03
 Client ID: SB-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 03:47
 Analyst: HL
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2700		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	15000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	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	1500		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-03**Date Collected:** 06/05/18 10:55**Client ID:** SB-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	8000	E	ug/kg	110	22.	1
Benzo(a)pyrene	7300		ug/kg	150	47.	1
Benzo(b)fluoranthene	9300	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	2800		ug/kg	110	31.	1
Chrysene	7800	E	ug/kg	110	20.	1
Acenaphthylene	740		ug/kg	150	30.	1
Anthracene	4800		ug/kg	110	37.	1
Benzo(ghi)perylene	3800		ug/kg	150	22.	1
Fluorene	2400		ug/kg	190	18.	1
Phenanthrene	15000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	1200		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	4600		ug/kg	150	27.	1
Pyrene	13000	E	ug/kg	110	19.	1
Biphenyl	320	J	ug/kg	440	44.	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	79.	1
Dibenzofuran	2400		ug/kg	190	18.	1
2-Methylnaphthalene	900		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	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	79	J	ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	82	J	ug/kg	190	29.	1
2-Methylphenol	42	J	ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	280	30.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-03**Date Collected:** 06/05/18 10:55**Client ID:** SB-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	2800		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	85		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-03 D
 Client ID: SB-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/12/18 00:42
 Analyst: PS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	22000		ug/kg	570	110	5
Benzo(a)anthracene	9100		ug/kg	570	110	5
Benzo(b)fluoranthene	10000		ug/kg	570	160	5
Chrysene	8500		ug/kg	570	99.	5
Phenanthrene	23000		ug/kg	570	120	5
Pyrene	18000		ug/kg	570	95.	5

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-04
 Client ID: SB-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/18 21:35
 Analyst: HL
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	49	J	ug/kg	120	24.	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	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	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	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-04**Date Collected:** 06/04/18 09:45**Client ID:** SB-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	38	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	41	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	29	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	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	160	29.	1
Pyrene	43	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	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	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-04**Date Collected:** 06/04/18 09:45**Client ID:** SB-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	92		18-120

Project Name: 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D2
 Client ID: SB-5A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/12/18 01:06
 Analyst: PS
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

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

Fluoranthene	720000		ug/kg	31000	6000	250
Phenanthrene	800000		ug/kg	31000	6400	250
Pyrene	590000		ug/kg	31000	5200	250

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D
 Client ID: SB-5A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 04:14
 Analyst: HL
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	84000		ug/kg	8400	1100	50
1,2,4-Trichlorobenzene	ND		ug/kg	10000	1200	50
Hexachlorobenzene	ND		ug/kg	6300	1200	50
Bis(2-chloroethyl)ether	ND		ug/kg	9400	1400	50
2-Chloronaphthalene	ND		ug/kg	10000	1000	50
1,2-Dichlorobenzene	ND		ug/kg	10000	1900	50
1,3-Dichlorobenzene	ND		ug/kg	10000	1800	50
1,4-Dichlorobenzene	ND		ug/kg	10000	1800	50
3,3'-Dichlorobenzidine	ND		ug/kg	10000	2800	50
2,4-Dinitrotoluene	ND		ug/kg	10000	2100	50
2,6-Dinitrotoluene	ND		ug/kg	10000	1800	50
Fluoranthene	510000	E	ug/kg	6300	1200	50
4-Chlorophenyl phenyl ether	ND		ug/kg	10000	1100	50
4-Bromophenyl phenyl ether	ND		ug/kg	10000	1600	50
Bis(2-chloroisopropyl)ether	ND		ug/kg	12000	1800	50
Bis(2-chloroethoxy)methane	ND		ug/kg	11000	1000	50
Hexachlorobutadiene	ND		ug/kg	10000	1500	50
Hexachlorocyclopentadiene	ND		ug/kg	30000	9500	50
Hexachloroethane	ND		ug/kg	8400	1700	50
Isophorone	ND		ug/kg	9400	1400	50
Naphthalene	300000		ug/kg	10000	1300	50
Nitrobenzene	ND		ug/kg	9400	1500	50
NDPA/DPA	ND		ug/kg	8400	1200	50
n-Nitrosodi-n-propylamine	ND		ug/kg	10000	1600	50
Bis(2-ethylhexyl)phthalate	ND		ug/kg	10000	3600	50
Butyl benzyl phthalate	ND		ug/kg	10000	2600	50
Di-n-butylphthalate	ND		ug/kg	10000	2000	50
Di-n-octylphthalate	ND		ug/kg	10000	3600	50

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D
 Client ID: SB-5A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40
 Date Received: 06/05/18
 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	10000	970	50
Dimethyl phthalate	ND		ug/kg	10000	2200	50
Benzo(a)anthracene	260000		ug/kg	6300	1200	50
Benzo(a)pyrene	230000		ug/kg	8400	2600	50
Benzo(b)fluoranthene	280000		ug/kg	6300	1800	50
Benzo(k)fluoranthene	100000		ug/kg	6300	1700	50
Chrysene	240000		ug/kg	6300	1100	50
Acenaphthylene	130000		ug/kg	8400	1600	50
Anthracene	160000		ug/kg	6300	2000	50
Benzo(ghi)perylene	120000		ug/kg	8400	1200	50
Fluorene	160000		ug/kg	10000	1000	50
Phenanthrene	540000	E	ug/kg	6300	1300	50
Dibenzo(a,h)anthracene	37000		ug/kg	6300	1200	50
Indeno(1,2,3-cd)pyrene	140000		ug/kg	8400	1400	50
Pyrene	450000	E	ug/kg	6300	1000	50
Biphenyl	22000	J	ug/kg	24000	2400	50
4-Chloroaniline	ND		ug/kg	10000	1900	50
2-Nitroaniline	ND		ug/kg	10000	2000	50
3-Nitroaniline	ND		ug/kg	10000	2000	50
4-Nitroaniline	ND		ug/kg	10000	4300	50
Dibenzofuran	100000		ug/kg	10000	990	50
2-Methylnaphthalene	89000		ug/kg	12000	1300	50
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	10000	1100	50
Acetophenone	ND		ug/kg	10000	1300	50
2,4,6-Trichlorophenol	ND		ug/kg	6300	2000	50
p-Chloro-m-cresol	ND		ug/kg	10000	1600	50
2-Chlorophenol	ND		ug/kg	10000	1200	50
2,4-Dichlorophenol	ND		ug/kg	9400	1700	50
2,4-Dimethylphenol	18000		ug/kg	10000	3400	50
2-Nitrophenol	ND		ug/kg	22000	3900	50
4-Nitrophenol	ND		ug/kg	15000	4300	50
2,4-Dinitrophenol	ND		ug/kg	50000	4900	50
4,6-Dinitro-o-cresol	ND		ug/kg	27000	5000	50
Pentachlorophenol	ND		ug/kg	8400	2300	50
Phenol	31000		ug/kg	10000	1600	50
2-Methylphenol	16000		ug/kg	10000	1600	50
3-Methylphenol/4-Methylphenol	44000		ug/kg	15000	1600	50

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D

Date Collected: 06/05/18 11:40

Client ID: SB-5A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	10000	2000	50
Benzoic Acid	ND		ug/kg	34000	10000	50
Benzyl Alcohol	ND		ug/kg	10000	3200	50
Carbazole	91000		ug/kg	10000	1000	50

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

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-06
 Client ID: SB-6A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/18 22:02
 Analyst: HL
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	38	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-06**Date Collected:** 06/05/18 14:00**Client ID:** SB-6A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	22	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	30	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	19	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	72	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	32	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	140	25.	1
Pyrene	34	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-06**Date Collected:** 06/05/18 14:00**Client ID:** SB-6A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	85		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-07
 Client ID: SB-7A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/18 22:29
 Analyst: HL
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

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	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-07**Date Collected:** 06/04/18 12:10**Client ID:** SB-7A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	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	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-07**Date Collected:** 06/04/18 12:10**Client ID:** SB-7A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	87		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-08
 Client ID: SB-8A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:25
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/18 22:55
 Analyst: HL
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

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

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-08**Date Collected:** 06/05/18 12:25**Client ID:** SB-8A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-08**Date Collected:** 06/05/18 12:25**Client ID:** SB-8A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	81		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-09
 Client ID: SB-1B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/18 23:22
 Analyst: HL
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	500		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	190		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-09**Date Collected:** 06/04/18 13:50**Client ID:** SB-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	190		ug/kg	110	21.	1
Benzo(a)pyrene	160		ug/kg	150	46.	1
Benzo(b)fluoranthene	200		ug/kg	110	32.	1
Benzo(k)fluoranthene	72	J	ug/kg	110	30.	1
Chrysene	170		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	160		ug/kg	110	37.	1
Benzo(ghi)perylene	86	J	ug/kg	150	22.	1
Fluorene	61	J	ug/kg	190	18.	1
Phenanthrene	710		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	25	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	95	J	ug/kg	150	26.	1
Pyrene	410		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	120	J	ug/kg	190	18.	1
2-Methylnaphthalene	77	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-09**Date Collected:** 06/04/18 13:50**Client ID:** SB-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	73	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	89		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-10
 Client ID: SB-2B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/18 23:48
 Analyst: HL
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-10**Date Collected:** 06/05/18 15:15**Client ID:** SB-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-10**Date Collected:** 06/05/18 15:15**Client ID:** SB-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	90		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-11
 Client ID: SB-3B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 00:15
 Analyst: HL
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-11**Date Collected:** 06/05/18 11:10**Client ID:** SB-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-11**Date Collected:** 06/05/18 11:10**Client ID:** SB-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	91		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-12
 Client ID: SB-4B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 00:41
 Analyst: HL
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-12**Date Collected:** 06/04/18 10:10**Client ID:** SB-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-12**Date Collected:** 06/04/18 10:10**Client ID:** SB-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	93		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-13
 Client ID: SB-5B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 04:41
 Analyst: HL
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1400		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	630		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-13**Date Collected:** 06/05/18 11:50**Client ID:** SB-5B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	620		ug/kg	110	20.	1
Benzo(a)pyrene	560		ug/kg	140	44.	1
Benzo(b)fluoranthene	680		ug/kg	110	30.	1
Benzo(k)fluoranthene	210		ug/kg	110	29.	1
Chrysene	580		ug/kg	110	19.	1
Acenaphthylene	240		ug/kg	140	28.	1
Anthracene	380		ug/kg	110	35.	1
Benzo(ghi)perylene	310		ug/kg	140	21.	1
Fluorene	320		ug/kg	180	17.	1
Phenanthrene	1600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	92	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	350		ug/kg	140	25.	1
Pyrene	1200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	210		ug/kg	180	17.	1
2-Methylnaphthalene	170	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	59	J	ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	71	J	ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-13**Date Collected:** 06/05/18 11:50**Client ID:** SB-5B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	200		ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	89		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-14
 Client ID: SB-6B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 01:07
 Analyst: HL
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-14**Date Collected:** 06/05/18 14:10**Client ID:** SB-6B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-14**Date Collected:** 06/05/18 14:10**Client ID:** SB-6B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	91		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-15
 Client ID: SB-7B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 01:33
 Analyst: HL
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

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	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	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	52.	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	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	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: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-15**Date Collected:** 06/04/18 12:15**Client ID:** SB-7B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	22	J	ug/kg	120	22.	1
Benzo(a)pyrene	57	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	61	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	25	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	90	J	ug/kg	160	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	79	J	ug/kg	160	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	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	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	180	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	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	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: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-15**Date Collected:** 06/04/18 12:15**Client ID:** SB-7B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	91		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-16
 Client ID: SB-8B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 02:00
 Analyst: HL
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-16**Date Collected:** 06/05/18 12:30**Client ID:** SB-8B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	22	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-16**Date Collected:** 06/05/18 12:30**Client ID:** SB-8B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	91		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-17
 Client ID: DUP-1
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:33
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 05:07
 Analyst: HL
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	50	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	3500		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	93	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	430		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-17**Date Collected:** 06/04/18 07:33**Client ID:** DUP-1**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2700		ug/kg	100	20.	1
Benzo(a)pyrene	2700		ug/kg	140	43.	1
Benzo(b)fluoranthene	4800		ug/kg	100	30.	1
Benzo(k)fluoranthene	1500		ug/kg	100	28.	1
Chrysene	2700		ug/kg	100	18.	1
Acenaphthylene	900		ug/kg	140	27.	1
Anthracene	620		ug/kg	100	34.	1
Benzo(ghi)perylene	2100		ug/kg	140	21.	1
Fluorene	85	J	ug/kg	180	17.	1
Phenanthrene	1600		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	680		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	140	24.	1
Pyrene	3800		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	150	J	ug/kg	180	16.	1
2-Methylnaphthalene	43	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	49	J	ug/kg	250	27.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-17**Date Collected:** 06/04/18 07:33**Client ID:** DUP-1**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	140	J	ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	84		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-18
 Client ID: DUP-2
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:54
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 05:34
 Analyst: HL
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	820		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	9400	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	930		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-18**Date Collected:** 06/04/18 07:54**Client ID:** DUP-2**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	4600		ug/kg	110	21.	1
Benzo(a)pyrene	4000		ug/kg	150	45.	1
Benzo(b)fluoranthene	5400		ug/kg	110	31.	1
Benzo(k)fluoranthene	1600		ug/kg	110	29.	1
Chrysene	4400		ug/kg	110	19.	1
Acenaphthylene	1000		ug/kg	150	28.	1
Anthracene	2700		ug/kg	110	36.	1
Benzo(ghi)perylene	2200		ug/kg	150	22.	1
Fluorene	1100		ug/kg	180	18.	1
Phenanthrene	9500	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	670		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2700		ug/kg	150	26.	1
Pyrene	8300	E	ug/kg	110	18.	1
Biphenyl	200	J	ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	1300		ug/kg	180	17.	1
2-Methylnaphthalene	500		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	62	J	ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	33	J	ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	76	J	ug/kg	260	29.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-18**Date Collected:** 06/04/18 07:54**Client ID:** DUP-2**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	1200		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	82		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-18 D
 Client ID: DUP-2
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:54
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/12/18 01:30
 Analyst: PS
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

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

Fluoranthene	12000		ug/kg	550	100	5
Phenanthrene	13000		ug/kg	550	110	5
Pyrene	10000		ug/kg	550	91.	5

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19
 Client ID: MW-A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 16:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 18:34
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-19**Date Collected:** 06/05/18 16:00**Client ID:** MW-A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	95		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19
 Client ID: MW-A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 16:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 20:22
 Analyst: CB

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.29		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.10	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	1.8		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	0.06	J	ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	0.13		ug/l	0.10	0.04	1
Phenanthrene	0.40		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.08	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.31		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19

Date Collected: 06/05/18 16:00

Client ID: MW-A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	39		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	75		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19

Date Collected: 06/05/18 16:00

Client ID: MW-A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 06/11/18 16:00

Analytical Date: 06/12/18 11:35

Analyst: TJ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	72.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	25			15-110		

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19
 Client ID: MW-A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 16:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 122,537(M)
 Analytical Date: 06/18/18 11:52
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/15/18 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.13		ng/l	1.78	0.117	1
Perfluoropentanoic Acid (PFPeA)	12.0		ng/l	1.78	0.076	1
Perfluorobutanesulfonic Acid (PFBS)	2.50		ng/l	1.78	0.098	1
Perfluorohexanoic Acid (PFHxA)	9.14		ng/l	1.78	0.113	1
Perfluoroheptanoic Acid (PFHpA)	5.74		ng/l	1.78	0.083	1
Perfluorohexanesulfonic Acid (PFHxS)	1.81		ng/l	1.78	0.096	1
Perfluorooctanoic Acid (PFOA)	29.0		ng/l	1.78	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	0.173	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.725	J	ng/l	1.78	0.138	1
Perfluorononanoic Acid (PFNA)	2.15		ng/l	1.78	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	21.4		ng/l	1.78	0.100	1
Perfluorodecanoic Acid (PFDA)	3.98		ng/l	1.78	0.170	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	0.260	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.224	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.171	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.198	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.202	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.16	J	ng/l	1.78	0.333	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.081	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.064	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-19**Date Collected:** 06/05/18 16:00**Client ID:** MW-A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	111		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	72		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	40	Q	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	60		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	35	Q	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	46	Q	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49	Q	50-150

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20
 Client ID: MW-B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 13:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/11/18 13:25
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-20**Date Collected:** 06/05/18 13:30**Client ID:** MW-B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	73		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20
 Client ID: MW-B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 13:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 13:42
 Analyst: CB

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.22		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20

Date Collected: 06/05/18 13:30

Client ID: MW-B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	37		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	61		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20

Date Collected: 06/05/18 13:30

Client ID: MW-B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 06/11/18 16:00

Analytical Date: 06/12/18 11:57

Analyst: TJ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	2340		ng/l	144	72.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	25			15-110		

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20
 Client ID: MW-B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 13:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 122,537(M)
 Analytical Date: 06/18/18 12:08
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/15/18 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	13.0		ng/l	1.78	0.117	1
Perfluoropentanoic Acid (PFPeA)	15.6		ng/l	1.78	0.076	1
Perfluorobutanesulfonic Acid (PFBS)	3.95		ng/l	1.78	0.098	1
Perfluorohexanoic Acid (PFHxA)	14.0		ng/l	1.78	0.113	1
Perfluoroheptanoic Acid (PFHpA)	10.2		ng/l	1.78	0.083	1
Perfluorohexanesulfonic Acid (PFHxS)	3.03		ng/l	1.78	0.096	1
Perfluorooctanoic Acid (PFOA)	57.9		ng/l	1.78	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	0.173	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.878	J	ng/l	1.78	0.138	1
Perfluorononanoic Acid (PFNA)	4.36		ng/l	1.78	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	44.4		ng/l	1.78	0.100	1
Perfluorodecanoic Acid (PFDA)	0.846	J	ng/l	1.78	0.170	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	0.260	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.224	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.171	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.198	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.202	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.333	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.081	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.064	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-20**Date Collected:** 06/05/18 13:30**Client ID:** MW-B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	69		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	117		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	72		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	85		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	67		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	63		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		50-150

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21
 Client ID: MW-C
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 19:00
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-21**Date Collected:** 06/05/18 10:00**Client ID:** MW-C**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	114		10-120
4-Terphenyl-d14	101		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21
 Client ID: MW-C
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 16:10
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21

Date Collected: 06/05/18 10:00

Client ID: MW-C

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	59		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	91		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21

Date Collected: 06/05/18 10:00

Client ID: MW-C

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 06/11/18 16:00

Analytical Date: 06/12/18 13:06

Analyst: TJ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	17000		ng/l	150	75.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	27			15-110		

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21
 Client ID: MW-C
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 122,537(M)
 Analytical Date: 06/18/18 12:58
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/15/18 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.2		ng/l	1.85	0.121	1
Perfluoropentanoic Acid (PFPeA)	35.0		ng/l	1.85	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	5.73		ng/l	1.85	0.102	1
Perfluorohexanoic Acid (PFHxA)	25.3		ng/l	1.85	0.117	1
Perfluoroheptanoic Acid (PFHpA)	16.9		ng/l	1.85	0.086	1
Perfluorohexanesulfonic Acid (PFHxS)	3.92		ng/l	1.85	0.100	1
Perfluorooctanoic Acid (PFOA)	69.2		ng/l	1.85	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	0.180	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.144	1
Perfluorononanoic Acid (PFNA)	4.62		ng/l	1.85	0.093	1
Perfluorooctanesulfonic Acid (PFOS)	18.4		ng/l	1.85	0.103	1
Perfluorodecanoic Acid (PFDA)	1.27	J	ng/l	1.85	0.176	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	0.269	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.232	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.177	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.206	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.210	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.345	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.085	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.084	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.067	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-21**Date Collected:** 06/05/18 10:00**Client ID:** MW-C**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	133		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	84		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	58		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		50-150

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22
 Client ID: GW-DUP
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 19:26
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-22**Date Collected:** 06/05/18 11:50**Client ID:** GW-DUP**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	95		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22
 Client ID: GW-DUP
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 16:36
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.08	J	ug/l	0.10	0.04	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-22**Date Collected:** 06/05/18 11:50**Client ID:** GW-DUP**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	57		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	87		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22

Date Collected: 06/05/18 11:50

Client ID: GW-DUP

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 06/11/18 16:00

Analytical Date: 06/12/18 13:30

Analyst: TJ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	18500		ng/l	144	72.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	25			15-110		

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22
 Client ID: GW-DUP
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 122,537(M)
 Analytical Date: 06/18/18 13:15
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/15/18 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.4		ng/l	1.72	0.113	1
Perfluoropentanoic Acid (PFPeA)	36.3		ng/l	1.72	0.074	1
Perfluorobutanesulfonic Acid (PFBS)	6.00		ng/l	1.72	0.095	1
Perfluorohexanoic Acid (PFHxA)	25.6		ng/l	1.72	0.109	1
Perfluoroheptanoic Acid (PFHpA)	17.5		ng/l	1.72	0.080	1
Perfluorohexanesulfonic Acid (PFHxS)	4.02		ng/l	1.72	0.093	1
Perfluorooctanoic Acid (PFOA)	67.9		ng/l	1.72	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.72	0.167	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.72	0.134	1
Perfluorononanoic Acid (PFNA)	4.45		ng/l	1.72	0.087	1
Perfluorooctanesulfonic Acid (PFOS)	19.3		ng/l	1.72	0.096	1
Perfluorodecanoic Acid (PFDA)	0.976	J	ng/l	1.72	0.164	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.72	0.251	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.72	0.216	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.72	0.165	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.72	0.192	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.72	0.196	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.72	0.321	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.72	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.72	0.078	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.72	0.062	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-22**Date Collected:** 06/05/18 11:50**Client ID:** GW-DUP**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	62		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	57		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	63		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	61		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	62		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	87		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	63		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	7	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		50-150

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-29
 Client ID: SS-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 04:16
 Analyst: EK
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-29**Date Collected:** 06/04/18 08:30**Client ID:** SS-1A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	850		ug/kg	110	20.	1
Benzo(a)pyrene	710		ug/kg	140	44.	1
Benzo(b)fluoranthene	1400		ug/kg	110	30.	1
Benzo(k)fluoranthene	320		ug/kg	110	29.	1
Chrysene	820		ug/kg	110	19.	1
Acenaphthylene	200		ug/kg	140	28.	1
Anthracene	220		ug/kg	110	35.	1
Benzo(ghi)perylene	610		ug/kg	140	21.	1
Fluorene	25	J	ug/kg	180	17.	1
Phenanthrene	620		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	720		ug/kg	140	25.	1
Pyrene	1300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	50	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-29**Date Collected:** 06/04/18 08:30**Client ID:** SS-1A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	69		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-30
 Client ID: SS-2A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:08
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 04:42
 Analyst: EK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	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	3800		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	230	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	46	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	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-30**Date Collected:** 06/04/18 09:08**Client ID:** SS-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	2000		ug/kg	120	22.	1
Benzo(a)pyrene	1700		ug/kg	160	48.	1
Benzo(b)fluoranthene	2200		ug/kg	120	33.	1
Benzo(k)fluoranthene	790		ug/kg	120	31.	1
Chrysene	1900		ug/kg	120	20.	1
Acenaphthylene	280		ug/kg	160	30.	1
Anthracene	620		ug/kg	120	38.	1
Benzo(ghi)perylene	980		ug/kg	160	23.	1
Fluorene	95	J	ug/kg	200	19.	1
Phenanthrene	2200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	300		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	160	27.	1
Pyrene	3500		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	74	J	ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	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	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	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: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-30**Date Collected:** 06/04/18 09:08**Client ID:** SS-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	160	J	ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	53		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-31
 Client ID: SS-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 05:07
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	700		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	11000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	220		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	88	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-31**Date Collected:** 06/04/18 09:45**Client ID:** SS-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	5500		ug/kg	110	20.	1
Benzo(a)pyrene	4700		ug/kg	140	44.	1
Benzo(b)fluoranthene	6000		ug/kg	110	30.	1
Benzo(k)fluoranthene	1800		ug/kg	110	29.	1
Chrysene	4700		ug/kg	110	19.	1
Acenaphthylene	420		ug/kg	140	28.	1
Anthracene	2100		ug/kg	110	35.	1
Benzo(ghi)perylene	2600		ug/kg	140	21.	1
Fluorene	710		ug/kg	180	18.	1
Phenanthrene	8900	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	770		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	3000		ug/kg	140	25.	1
Pyrene	9800	E	ug/kg	110	18.	1
Biphenyl	73	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	620		ug/kg	180	17.	1
2-Methylnaphthalene	140	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	28	J	ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-31**Date Collected:** 06/04/18 09:45**Client ID:** SS-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	730		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	67		18-120

Project Name: 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-31 D
 Client ID: SS-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/12/18 01:54
 Analyst: PS
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

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

Fluoranthene	11000		ug/kg	540	100	5
Phenanthrene	8800		ug/kg	540	110	5
Pyrene	9700		ug/kg	540	90.	5

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-32
 Client ID: SS-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:20
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 05:33
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	300		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	3800		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	170	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	260		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	54	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-32**Date Collected:** 06/04/18 10:20**Client ID:** SS-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1800		ug/kg	110	21.	1
Benzo(a)pyrene	1600		ug/kg	150	46.	1
Benzo(b)fluoranthene	2000		ug/kg	110	32.	1
Benzo(k)fluoranthene	760		ug/kg	110	30.	1
Chrysene	1800		ug/kg	110	20.	1
Acenaphthylene	290		ug/kg	150	29.	1
Anthracene	650		ug/kg	110	37.	1
Benzo(ghi)perylene	1100		ug/kg	150	22.	1
Fluorene	270		ug/kg	190	18.	1
Phenanthrene	3100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	280		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	26.	1
Pyrene	3600		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	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	79.	1
Dibenzofuran	220		ug/kg	190	18.	1
2-Methylnaphthalene	95	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	52	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	54	J	ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-32**Date Collected:** 06/04/18 10:20**Client ID:** SS-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	300		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	42		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-33
 Client ID: SS-1B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 05:59
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	85	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	3700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	81	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	650		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-33**Date Collected:** 06/04/18 08:40**Client ID:** SS-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3900		ug/kg	110	20.	1
Benzo(a)pyrene	4500		ug/kg	140	44.	1
Benzo(b)fluoranthene	8600	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	1700		ug/kg	110	29.	1
Chrysene	4300		ug/kg	110	19.	1
Acenaphthylene	1400		ug/kg	140	28.	1
Anthracene	1200		ug/kg	110	35.	1
Benzo(ghi)perylene	3600		ug/kg	140	21.	1
Fluorene	94	J	ug/kg	180	18.	1
Phenanthrene	1800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4500		ug/kg	140	25.	1
Pyrene	4200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	210		ug/kg	180	17.	1
2-Methylnaphthalene	81	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	49	J	ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-33**Date Collected:** 06/04/18 08:40**Client ID:** SS-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	200		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	51		18-120

Project Name: 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-33 D
Client ID: SS-1B
Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:40
Date Received: 06/05/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/12/18 02:18
Analyst: PS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/09/18 08:52

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

Benzo(b)fluoranthene	8500		ug/kg	220	61.	2
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Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-34
 Client ID: SS-2B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:20
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 06:24
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	400		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	4300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	270		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-34**Date Collected:** 06/04/18 09:20**Client ID:** SS-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	1700		ug/kg	110	21.	1
Benzo(a)pyrene	1600		ug/kg	150	45.	1
Benzo(b)fluoranthene	2300		ug/kg	110	31.	1
Benzo(k)fluoranthene	500		ug/kg	110	30.	1
Chrysene	1900		ug/kg	110	19.	1
Acenaphthylene	190		ug/kg	150	29.	1
Anthracene	760		ug/kg	110	36.	1
Benzo(ghi)perylene	1000		ug/kg	150	22.	1
Fluorene	340		ug/kg	190	18.	1
Phenanthrene	4200		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	280		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	150	26.	1
Pyrene	3800		ug/kg	110	18.	1
Biphenyl	48	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	400		ug/kg	190	18.	1
2-Methylnaphthalene	150	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-34**Date Collected:** 06/04/18 09:20**Client ID:** SS-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	470		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	69		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-35
 Client ID: SS-3B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 06:50
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	470		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	6100		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	250		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-35**Date Collected:** 06/04/18 09:55**Client ID:** SS-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2800		ug/kg	110	20.	1
Benzo(a)pyrene	2400		ug/kg	140	44.	1
Benzo(b)fluoranthene	3100		ug/kg	110	30.	1
Benzo(k)fluoranthene	940		ug/kg	110	29.	1
Chrysene	2600		ug/kg	110	19.	1
Acenaphthylene	260		ug/kg	140	28.	1
Anthracene	1300		ug/kg	110	35.	1
Benzo(ghi)perylene	1500		ug/kg	140	21.	1
Fluorene	410		ug/kg	180	17.	1
Phenanthrene	5300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	390		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	140	25.	1
Pyrene	5400		ug/kg	110	18.	1
Biphenyl	46	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	380		ug/kg	180	17.	1
2-Methylnaphthalene	120	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-35**Date Collected:** 06/04/18 09:55**Client ID:** SS-3B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	550		ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	61		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-36
 Client ID: SS-4B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 07:16
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	620		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	6800		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	190		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	440		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	120	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-36**Date Collected:** 06/04/18 10:40**Client ID:** SS-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	3400		ug/kg	110	21.	1
Benzo(a)pyrene	3100		ug/kg	150	46.	1
Benzo(b)fluoranthene	4200		ug/kg	110	32.	1
Benzo(k)fluoranthene	1100		ug/kg	110	30.	1
Chrysene	3700		ug/kg	110	20.	1
Acenaphthylene	300		ug/kg	150	29.	1
Anthracene	1100		ug/kg	110	37.	1
Benzo(ghi)perylene	1900		ug/kg	150	22.	1
Fluorene	390		ug/kg	190	18.	1
Phenanthrene	5400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	560		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	150	26.	1
Pyrene	6400		ug/kg	110	19.	1
Biphenyl	45	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	350		ug/kg	190	18.	1
2-Methylnaphthalene	130	J	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	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-36**Date Collected:** 06/04/18 10:40**Client ID:** SS-4B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	420		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	70		18-120

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 19:53
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-37**Date Collected:** 06/05/18 08:30**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	91		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 17:02
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-37**Date Collected:** 06/05/18 08:30**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	55		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	83		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/12/18 13:55
 Analyst: TJ

Extraction Method: EPA 3510C
 Extraction Date: 06/11/18 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	153	76.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	27			15-110		

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 122,537(M)
 Analytical Date: 06/12/18 12:50
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/11/18 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.78	0.117	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.78	0.076	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.78	0.098	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.78	0.113	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.78	0.083	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.096	1
Perfluorooctanoic Acid (PFOA)	0.218	J	ng/l	1.78	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	0.173	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.138	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	0.200	J	ng/l	1.78	0.100	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.170	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	0.260	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.224	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.171	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.198	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.202	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.333	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.081	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.064	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-37**Date Collected:** 06/05/18 08:30**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	68		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	74		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	66		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	78		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	66		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	61		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	65		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	50		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	60		50-150

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/10/18 20:19
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-38**Date Collected:** 06/05/18 09:10**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	95		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 17:28
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-38**Date Collected:** 06/05/18 09:10**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	58		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	86		41-149

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/12/18 14:20
 Analyst: TJ

Extraction Method: EPA 3510C
 Extraction Date: 06/11/18 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	72.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	27			15-110		

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 122,537(M)
 Analytical Date: 06/12/18 13:07
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/11/18 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.85	0.121	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.85	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.85	0.102	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.85	0.117	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.85	0.086	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.85	0.100	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.85	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	0.180	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.85	0.093	1
Perfluorooctanesulfonic Acid (PFOS)	0.189	J	ng/l	1.85	0.103	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.176	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	0.269	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.232	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.177	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.206	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.210	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.345	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.085	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.084	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.067	1

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-38**Date Collected:** 06/05/18 09:10**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	69		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	72		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	63		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	66		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	68		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	61		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	76		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	65		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	58		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	42	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	72		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	58		50-150

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/09/18 19:49
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-18 Batch: WG1124120-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/09/18 19:49
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-18 Batch: WG1124120-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/09/18 19:49
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 06/08/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-18 Batch: WG1124120-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	92		18-120



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/09/18 22:42
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29-36 Batch: WG1124214-1					
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	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/09/18 22:42
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29-36 Batch: WG1124214-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/09/18 22:42
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 08:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29-36 Batch: WG1124214-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	87		18-120



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/10/18 13:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124354-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/10/18 13:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124354-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/10/18 13:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124354-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	88		41-149

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 08:24
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124355-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 06/11/18 08:24
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 23:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124355-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	86		41-149

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 122,537(M)
 Analytical Date: 06/12/18 10:49
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/11/18 10:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 37-38 Batch: WG1124581-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.131
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.086
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.110
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.126
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.092
Perfluorohexanesulfonic Acid (PFHxS)	0.612	J	ng/l	2.00	0.108
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.050
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.332	J	ng/l	2.00	0.194
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.155
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.101
Perfluorooctanesulfonic Acid (PFOS)	0.284	J	ng/l	2.00	0.112
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.190
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	0.291
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.250
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.191
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.222
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.227
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.373
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.092
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.090
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.072

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 122,537(M)
 Analytical Date: 06/12/18 10:49
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/11/18 10:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 37-38 Batch: WG1124581-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	3	Q	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	3	Q	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	86		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	4	Q	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	7	Q	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	11	Q	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	80		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	14	Q	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	19	Q	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	86		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47	Q	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	27	Q	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	35	Q	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	41	Q	50-150

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8270D-SIM
Analytical Date: 06/12/18 11:12
Analyst: TJ**Extraction Method:** EPA 3510C
Extraction Date: 06/11/18 16:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 19-22,37-38 Batch: WG1124630-1					
1,4-Dioxane	ND		ng/l	150	75.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	30		15-110

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 122,537(M)
 Analytical Date: 06/18/18 11:02
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/15/18 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 19-22 Batch: WG1126304-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.131
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.086
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.110
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.126
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.092
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.108
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.050
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	0.194
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.155
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.101
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.112
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.190
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	0.291
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.250
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.191
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.222
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.227
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.373
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.092
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.090
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.072

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 122,537(M)
 Analytical Date: 06/18/18 11:02
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/15/18 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 19-22 Batch: WG1126304-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	128		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	107		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	108		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	83		50-150

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG1124120-2 WG1124120-3								
Acenaphthene	79		84		31-137	6		50
1,2,4-Trichlorobenzene	75		81		38-107	8		50
Hexachlorobenzene	81		84		40-140	4		50
Bis(2-chloroethyl)ether	79		83		40-140	5		50
2-Chloronaphthalene	82		89		40-140	8		50
1,2-Dichlorobenzene	74		81		40-140	9		50
1,3-Dichlorobenzene	74		80		40-140	8		50
1,4-Dichlorobenzene	71		80		28-104	12		50
3,3'-Dichlorobenzidine	73		78		40-140	7		50
2,4-Dinitrotoluene	95		101		40-132	6		50
2,6-Dinitrotoluene	99		102		40-140	3		50
Fluoranthene	84		88		40-140	5		50
4-Chlorophenyl phenyl ether	79		83		40-140	5		50
4-Bromophenyl phenyl ether	83		86		40-140	4		50
Bis(2-chloroisopropyl)ether	81		88		40-140	8		50
Bis(2-chloroethoxy)methane	84		92		40-117	9		50
Hexachlorobutadiene	74		81		40-140	9		50
Hexachlorocyclopentadiene	89		98		40-140	10		50
Hexachloroethane	76		82		40-140	8		50
Isophorone	87		99		40-140	13		50
Naphthalene	79		87		40-140	10		50
Nitrobenzene	81		87		40-140	7		50
NDPA/DPA	84		89		36-157	6		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG1124120-2 WG1124120-3								
n-Nitrosodi-n-propylamine	85		93		32-121	9		50
Bis(2-ethylhexyl)phthalate	100		106		40-140	6		50
Butyl benzyl phthalate	100		105		40-140	5		50
Di-n-butylphthalate	93		99		40-140	6		50
Di-n-octylphthalate	98		104		40-140	6		50
Diethyl phthalate	87		91		40-140	4		50
Dimethyl phthalate	94		96		40-140	2		50
Benzo(a)anthracene	83		88		40-140	6		50
Benzo(a)pyrene	90		94		40-140	4		50
Benzo(b)fluoranthene	86		89		40-140	3		50
Benzo(k)fluoranthene	88		92		40-140	4		50
Chrysene	80		85		40-140	6		50
Acenaphthylene	88		93		40-140	6		50
Anthracene	83		89		40-140	7		50
Benzo(ghi)perylene	93		98		40-140	5		50
Fluorene	83		88		40-140	6		50
Phenanthrene	82		86		40-140	5		50
Dibenzo(a,h)anthracene	99		105		40-140	6		50
Indeno(1,2,3-cd)pyrene	94		100		40-140	6		50
Pyrene	83		87		35-142	5		50
Biphenyl	85		94		54-104	10		50
4-Chloroaniline	69		74		40-140	7		50
2-Nitroaniline	98		104		47-134	6		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG1124120-2 WG1124120-3								
3-Nitroaniline	75		76		26-129	1		50
4-Nitroaniline	84		86		41-125	2		50
Dibenzofuran	80		86		40-140	7		50
2-Methylnaphthalene	82		87		40-140	6		50
1,2,4,5-Tetrachlorobenzene	81		87		40-117	7		50
Acetophenone	80		87		14-144	8		50
2,4,6-Trichlorophenol	93		100		30-130	7		50
p-Chloro-m-cresol	96		100		26-103	4		50
2-Chlorophenol	87		94		25-102	8		50
2,4-Dichlorophenol	94		101		30-130	7		50
2,4-Dimethylphenol	93		104		30-130	11		50
2-Nitrophenol	97		111		30-130	13		50
4-Nitrophenol	99		105		11-114	6		50
2,4-Dinitrophenol	84		95		4-130	12		50
4,6-Dinitro-o-cresol	99		103		10-130	4		50
Pentachlorophenol	79		84		17-109	6		50
Phenol	87		93	Q	26-90	7		50
2-Methylphenol	88		96		30-130.	9		50
3-Methylphenol/4-Methylphenol	90		98		30-130	9		50
2,4,5-Trichlorophenol	98		103		30-130	5		50
Benzoic Acid	46		70		10-110	41		50
Benzyl Alcohol	90		95		40-140	5		50
Carbazole	86		90		54-128	5		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG1124120-2 WG1124120-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		94		25-120
Phenol-d6	89		96		10-120
Nitrobenzene-d5	84		91		23-120
2-Fluorobiphenyl	86		97		30-120
2,4,6-Tribromophenol	97		104		10-136
4-Terphenyl-d14	84		92		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 Batch: WG1124214-2 WG1124214-3								
Acenaphthene	79		82		31-137	4		50
1,2,4-Trichlorobenzene	78		75		38-107	4		50
Hexachlorobenzene	78		80		40-140	3		50
Bis(2-chloroethyl)ether	83		79		40-140	5		50
2-Chloronaphthalene	80		81		40-140	1		50
1,2-Dichlorobenzene	76		68		40-140	11		50
1,3-Dichlorobenzene	74		66		40-140	11		50
1,4-Dichlorobenzene	75		67		28-104	11		50
3,3'-Dichlorobenzidine	64		68		40-140	6		50
2,4-Dinitrotoluene	97		100		40-132	3		50
2,6-Dinitrotoluene	90		94		40-140	4		50
Fluoranthene	85		87		40-140	2		50
4-Chlorophenyl phenyl ether	84		85		40-140	1		50
4-Bromophenyl phenyl ether	83		85		40-140	2		50
Bis(2-chloroisopropyl)ether	101		96		40-140	5		50
Bis(2-chloroethoxy)methane	87		86		40-117	1		50
Hexachlorobutadiene	78		76		40-140	3		50
Hexachlorocyclopentadiene	87		86		40-140	1		50
Hexachloroethane	79		71		40-140	11		50
Isophorone	87		85		40-140	2		50
Naphthalene	77		75		40-140	3		50
Nitrobenzene	88		87		40-140	1		50
NDPA/DPA	82		86		36-157	5		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 Batch: WG1124214-2 WG1124214-3								
n-Nitrosodi-n-propylamine	87		85		32-121	2		50
Bis(2-ethylhexyl)phthalate	95		97		40-140	2		50
Butyl benzyl phthalate	94		97		40-140	3		50
Di-n-butylphthalate	90		93		40-140	3		50
Di-n-octylphthalate	97		99		40-140	2		50
Diethyl phthalate	87		91		40-140	4		50
Dimethyl phthalate	83		85		40-140	2		50
Benzo(a)anthracene	82		86		40-140	5		50
Benzo(a)pyrene	84		86		40-140	2		50
Benzo(b)fluoranthene	84		83		40-140	1		50
Benzo(k)fluoranthene	79		82		40-140	4		50
Chrysene	82		81		40-140	1		50
Acenaphthylene	84		86		40-140	2		50
Anthracene	84		87		40-140	4		50
Benzo(ghi)perylene	83		84		40-140	1		50
Fluorene	83		86		40-140	4		50
Phenanthrene	81		85		40-140	5		50
Dibenzo(a,h)anthracene	82		85		40-140	4		50
Indeno(1,2,3-cd)pyrene	86		87		40-140	1		50
Pyrene	84		85		35-142	1		50
Biphenyl	82		83		54-104	1		50
4-Chloroaniline	76		83		40-140	9		50
2-Nitroaniline	93		95		47-134	2		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 Batch: WG1124214-2 WG1124214-3								
3-Nitroaniline	76		77		26-129	1		50
4-Nitroaniline	86		89		41-125	3		50
Dibenzofuran	83		85		40-140	2		50
2-Methylnaphthalene	82		81		40-140	1		50
1,2,4,5-Tetrachlorobenzene	81		80		40-117	1		50
Acetophenone	82		80		14-144	2		50
2,4,6-Trichlorophenol	88		89		30-130	1		50
p-Chloro-m-cresol	88		90		26-103	2		50
2-Chlorophenol	81		80		25-102	1		50
2,4-Dichlorophenol	89		88		30-130	1		50
2,4-Dimethylphenol	88		88		30-130	0		50
2-Nitrophenol	90		88		30-130	2		50
4-Nitrophenol	110		108		11-114	2		50
2,4-Dinitrophenol	94		102		4-130	8		50
4,6-Dinitro-o-cresol	108		114		10-130	5		50
Pentachlorophenol	79		83		17-109	5		50
Phenol	83		79		26-90	5		50
2-Methylphenol	89		88		30-130.	1		50
3-Methylphenol/4-Methylphenol	87		88		30-130	1		50
2,4,5-Trichlorophenol	88		90		30-130	2		50
Benzoic Acid	50		63		10-110	23		50
Benzyl Alcohol	94		89		40-140	5		50
Carbazole	86		88		54-128	2		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 Batch: WG1124214-2 WG1124214-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		80		25-120
Phenol-d6	90		88		10-120
Nitrobenzene-d5	91		87		23-120
2-Fluorobiphenyl	84		85		30-120
2,4,6-Tribromophenol	87		89		10-136
4-Terphenyl-d14	85		86		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124354-2 WG1124354-3								
Acenaphthene	74		74		37-111	0		30
1,2,4-Trichlorobenzene	58		61		39-98	5		30
Hexachlorobenzene	80		82		40-140	2		30
Bis(2-chloroethyl)ether	76		81		40-140	6		30
2-Chloronaphthalene	68		69		40-140	1		30
1,2-Dichlorobenzene	54		59		40-140	9		30
1,3-Dichlorobenzene	53		56		40-140	6		30
1,4-Dichlorobenzene	54		57		36-97	5		30
3,3'-Dichlorobenzidine	72		76		40-140	5		30
2,4-Dinitrotoluene	101		102		48-143	1		30
2,6-Dinitrotoluene	97		97		40-140	0		30
Fluoranthene	88		89		40-140	1		30
4-Chlorophenyl phenyl ether	81		81		40-140	0		30
4-Bromophenyl phenyl ether	82		85		40-140	4		30
Bis(2-chloroisopropyl)ether	86		92		40-140	7		30
Bis(2-chloroethoxy)methane	81		87		40-140	7		30
Hexachlorobutadiene	54		58		40-140	7		30
Hexachlorocyclopentadiene	53		55		40-140	4		30
Hexachloroethane	53		57		40-140	7		30
Isophorone	84		89		40-140	6		30
Naphthalene	60		62		40-140	3		30
Nitrobenzene	82		86		40-140	5		30
NDPA/DPA	85		86		40-140	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124354-2 WG1124354-3								
n-Nitrosodi-n-propylamine	82		88		29-132	7		30
Bis(2-ethylhexyl)phthalate	95		98		40-140	3		30
Butyl benzyl phthalate	100		101		40-140	1		30
Di-n-butylphthalate	93		96		40-140	3		30
Di-n-octylphthalate	99		102		40-140	3		30
Diethyl phthalate	91		93		40-140	2		30
Dimethyl phthalate	88		89		40-140	1		30
Benzo(a)anthracene	84		87		40-140	4		30
Benzo(a)pyrene	86		86		40-140	0		30
Benzo(b)fluoranthene	86		87		40-140	1		30
Benzo(k)fluoranthene	81		80		40-140	1		30
Chrysene	83		82		40-140	1		30
Acenaphthylene	78		79		45-123	1		30
Anthracene	84		87		40-140	4		30
Benzo(ghi)perylene	84		86		40-140	2		30
Fluorene	82		83		40-140	1		30
Phenanthrene	82		84		40-140	2		30
Dibenzo(a,h)anthracene	84		86		40-140	2		30
Indeno(1,2,3-cd)pyrene	88		89		40-140	1		30
Pyrene	86		88		26-127	2		30
Biphenyl	70		72		40-140	3		30
4-Chloroaniline	79		74		40-140	7		30
2-Nitroaniline	95		98		52-143	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124354-2 WG1124354-3								
3-Nitroaniline	81		79		25-145	3		30
4-Nitroaniline	88		86		51-143	2		30
Dibenzofuran	80		80		40-140	0		30
2-Methylnaphthalene	64		67		40-140	5		30
1,2,4,5-Tetrachlorobenzene	62		65		2-134	5		30
Acetophenone	76		81		39-129	6		30
2,4,6-Trichlorophenol	89		92		30-130	3		30
p-Chloro-m-cresol	87		88		23-97	1		30
2-Chlorophenol	73		76		27-123	4		30
2,4-Dichlorophenol	82		88		30-130	7		30
2,4-Dimethylphenol	82		86		30-130	5		30
2-Nitrophenol	84		88		30-130	5		30
4-Nitrophenol	71		73		10-80	3		30
2,4-Dinitrophenol	94		100		20-130	6		30
4,6-Dinitro-o-cresol	117		120		20-164	3		30
Pentachlorophenol	79		85		9-103	7		30
Phenol	41		43		12-110	5		30
2-Methylphenol	75		78		30-130	4		30
3-Methylphenol/4-Methylphenol	74		74		30-130	0		30
2,4,5-Trichlorophenol	87		89		30-130	2		30
Benzoic Acid	14		21		10-164	40	Q	30
Benzyl Alcohol	73		76		26-116	4		30
Carbazole	87		90		55-144	3		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124354-2 WG1124354-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		53		21-120
Phenol-d6	40		42		10-120
Nitrobenzene-d5	76		83		23-120
2-Fluorobiphenyl	74		77		15-120
2,4,6-Tribromophenol	82		84		10-120
4-Terphenyl-d14	83		84		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124355-2 WG1124355-3								
Acenaphthene	79		78		40-140	1		40
2-Chloronaphthalene	74		72		40-140	3		40
Fluoranthene	89		90		40-140	1		40
Hexachlorobutadiene	64		62		40-140	3		40
Naphthalene	71		69		40-140	3		40
Benzo(a)anthracene	84		84		40-140	0		40
Benzo(a)pyrene	85		86		40-140	1		40
Benzo(b)fluoranthene	90		91		40-140	1		40
Benzo(k)fluoranthene	85		85		40-140	0		40
Chrysene	83		84		40-140	1		40
Acenaphthylene	81		80		40-140	1		40
Anthracene	86		86		40-140	0		40
Benzo(ghi)perylene	77		78		40-140	1		40
Fluorene	85		83		40-140	2		40
Phenanthrene	84		83		40-140	1		40
Dibenzo(a,h)anthracene	72		72		40-140	0		40
Indeno(1,2,3-cd)pyrene	79		79		40-140	0		40
Pyrene	87		88		40-140	1		40
2-Methylnaphthalene	71		70		40-140	1		40
Pentachlorophenol	70		63		40-140	11		40
Hexachlorobenzene	108		108		40-140	0		40
Hexachloroethane	65		63		40-140	3		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124355-2 WG1124355-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		48		21-120
Phenol-d6	39		37		10-120
Nitrobenzene-d5	78		73		23-120
2-Fluorobiphenyl	69		66		15-120
2,4,6-Tribromophenol	96		92		10-120
4-Terphenyl-d14	78		77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 37-38 Batch: WG1124581-2 WG1124581-3								
Perfluorobutanoic Acid (PFBA)	113		94		50-150	18		30
Perfluoropentanoic Acid (PFPeA)	171	Q	176	Q	50-150	3		30
Perfluorobutanesulfonic Acid (PFBS)	164	Q	163	Q	50-150	1		30
Perfluorohexanoic Acid (PFHxA)	174	Q	168	Q	50-150	4		30
Perfluoroheptanoic Acid (PFHpA)	175	Q	171	Q	50-150	2		30
Perfluorohexanesulfonic Acid (PFHxS)	184	Q	182	Q	50-150	1		30
Perfluorooctanoic Acid (PFOA)	159	Q	166	Q	50-150	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	173	Q	154	Q	50-150	12		30
Perfluoroheptanesulfonic Acid (PFHpS)	187	Q	184	Q	50-150	2		30
Perfluorononanoic Acid (PFNA)	174	Q	171	Q	50-150	2		30
Perfluorooctanesulfonic Acid (PFOS)	170	Q	162	Q	50-150	5		30
Perfluorodecanoic Acid (PFDA)	157	Q	166	Q	50-150	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	178	Q	141		50-150	23		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	172	Q	162	Q	50-150	6		30
Perfluoroundecanoic Acid (PFUnA)	149		148		50-150	1		30
Perfluorodecanesulfonic Acid (PFDS)	409	Q	582	Q	50-150	35	Q	30
Perfluorooctanesulfonamide (FOSA)	165	Q	176	Q	50-150	6		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	173	Q	163	Q	50-150	6		30
Perfluorododecanoic Acid (PFDoA)	147		154	Q	50-150	5		30
Perfluorotridecanoic Acid (PFTTrDA)	179	Q	179	Q	50-150	0		30
Perfluorotetradecanoic Acid (PFTA)	181	Q	173	Q	50-150	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 37-38 Batch: WG1124581-2 WG1124581-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	3	Q	2	Q	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	3	Q	2	Q	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	76		76		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	4	Q	2	Q	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	6	Q	4	Q	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		85		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	10	Q	6	Q	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		68		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	14	Q	9	Q	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	69		74		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	20	Q	14	Q	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		68		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49	Q	47	Q	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	27	Q	20	Q	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30	Q	24	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		48	Q	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	35	Q	28	Q	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44	Q	37	Q	50-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 19-22,37-38 Batch: WG1124630-2 WG1124630-3								
1,4-Dioxane	107		108		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	43		35		15-110

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 19-22 Batch: WG1126304-2 WG1126304-3								
Perfluorobutanoic Acid (PFBA)	103		107		50-150	4		30
Perfluoropentanoic Acid (PFPeA)	103		106		50-150	3		30
Perfluorobutanesulfonic Acid (PFBS)	106		111		50-150	5		30
Perfluorohexanoic Acid (PFHxA)	113		117		50-150	3		30
Perfluoroheptanoic Acid (PFHpA)	106		108		50-150	2		30
Perfluorohexanesulfonic Acid (PFHxS)	120		122		50-150	2		30
Perfluorooctanoic Acid (PFOA)	103		113		50-150	9		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		96		50-150	10		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		99		50-150	1		30
Perfluorononanoic Acid (PFNA)	108		121		50-150	11		30
Perfluorooctanesulfonic Acid (PFOS)	88		95		50-150	8		30
Perfluorodecanoic Acid (PFDA)	108		114		50-150	5		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	89		114		50-150	25		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		123		50-150	17		30
Perfluoroundecanoic Acid (PFUnA)	87		102		50-150	16		30
Perfluorodecanesulfonic Acid (PFDS)	92		92		50-150	0		30
Perfluorooctanesulfonamide (FOSA)	98		100		50-150	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		92		50-150	4		30
Perfluorododecanoic Acid (PFDoA)	104		116		50-150	11		30
Perfluorotridecanoic Acid (PFTTrDA)	94		97		50-150	3		30
Perfluorotetradecanoic Acid (PFTA)	116		117		50-150	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 19-22 Batch: WG1126304-2 WG1126304-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	111		106		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	138		134		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115		110		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100		93		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		89		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	120		118		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	113		102		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100		99		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		96		50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	122		116		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		106		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		104		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		75		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112		101		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37	Q	67		50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		84		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		107		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	98		95		50-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-4 WG1124214-5 QC Sample: L1820814-35 Client ID: SS-3B												
Acenaphthene	470	1430	1300	58		1700	86		31-137	27		50
1,2,4-Trichlorobenzene	ND	1430	1000	70		1200	84		38-107	18		50
Hexachlorobenzene	ND	1430	1000	70		1100	77		40-140	10		50
Bis(2-chloroethyl)ether	ND	1430	1000	70		1200	84		40-140	18		50
2-Chloronaphthalene	ND	1430	1100	77		1200	84		40-140	9		50
1,2-Dichlorobenzene	ND	1430	980	69		1100	77		40-140	12		50
1,3-Dichlorobenzene	ND	1430	970	68		1100	77		40-140	13		50
1,4-Dichlorobenzene	ND	1430	950	67		1100	77		28-104	15		50
3,3'-Dichlorobenzidine	ND	1430	720	50		820	57		40-140	13		50
2,4-Dinitrotoluene	ND	1430	870	61		1000	70		40-132	14		50
2,6-Dinitrotoluene	ND	1430	900	63		1000	70		40-140	11		50
Fluoranthene	6100	1430	4900	0	Q	7900E	130		40-140	47		50
4-Chlorophenyl phenyl ether	ND	1430	1100	77		1200	84		40-140	9		50
4-Bromophenyl phenyl ether	ND	1430	1100	77		1200	84		40-140	9		50
Bis(2-chloroisopropyl)ether	ND	1430	1300	91		1400	98		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1430	1100	77		1300	91		40-117	17		50
Hexachlorobutadiene	ND	1430	1100	77		1200	84		40-140	9		50
Hexachlorocyclopentadiene	ND	1430	520	36	Q	640	45		40-140	21		50
Hexachloroethane	ND	1430	930	65		1100	77		40-140	17		50
Isophorone	ND	1430	1100	77		1300	91		40-140	17		50
Naphthalene	250	1430	1100	60		1500	87		40-140	31		50
Nitrobenzene	ND	1430	1200	84		1300	91		40-140	8		50
NDPA/DPA	ND	1430	1100	77		1200	84		36-157	9		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-4 WG1124214-5 QC Sample: L1820814-35 Client ID: SS-3B												
n-Nitrosodi-n-propylamine	ND	1430	1100	77		1200	84		32-121	9		50
Bis(2-ethylhexyl)phthalate	ND	1430	1200	84		1300	91		40-140	8		50
Butyl benzyl phthalate	ND	1430	1200	84		1400	98		40-140	15		50
Di-n-butylphthalate	ND	1430	1200	84		1300	91		40-140	8		50
Di-n-octylphthalate	ND	1430	1200	84		1300	91		40-140	8		50
Diethyl phthalate	ND	1430	1100	77		1200	84		40-140	9		50
Dimethyl phthalate	ND	1430	1100	77		1200	84		40-140	9		50
Benzo(a)anthracene	2800	1430	2700	0	Q	3900	77		40-140	36		50
Benzo(a)pyrene	2400	1430	2500	7	Q	3500	77		40-140	33		50
Benzo(b)fluoranthene	3100	1430	2800	0	Q	4500	98		40-140	47		50
Benzo(k)fluoranthene	940	1430	1600	46		1700	53		40-140	6		50
Chrysene	2600	1430	2600	0	Q	3600	70		40-140	32		50
Acenaphthylene	260	1430	1300	73		1500	86		40-140	14		50
Anthracene	1300	1430	1800	35	Q	2500	84		40-140	33		50
Benzo(ghi)perylene	1500	1430	2000	35	Q	2600	77		40-140	26		50
Fluorene	410	1430	1300	62		1600	83		40-140	21		50
Phenanthrene	5300	1430	4200	0	Q	7300E	140		40-140	54	Q	50
Dibenzo(a,h)anthracene	390	1430	1200	57		1500	77		40-140	22		50
Indeno(1,2,3-cd)pyrene	1600	1430	2100	35	Q	2900	91		40-140	32		50
Pyrene	5400	1430	4500	0	Q	7100	120		35-142	45		50
Biphenyl	46.J	1430	1100	77		1200	84		54-104	9		50
4-Chloroaniline	ND	1430	840	59		1200	84		40-140	35		50
2-Nitroaniline	ND	1430	1200	84		1300	91		47-134	8		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-4 WG1124214-5 QC Sample: L1820814-35 Client ID: SS-3B												
3-Nitroaniline	ND	1430	1200	84		1400	98		26-129	15		50
4-Nitroaniline	ND	1430	1300	91		1400	98		41-125	7		50
Dibenzofuran	380	1430	1300	64		1700	92		40-140	27		50
2-Methylnaphthalene	120J	1430	1200	84		1400	98		40-140	15		50
1,2,4,5-Tetrachlorobenzene	ND	1430	1100	77		1200	84		40-117	9		50
Acetophenone	ND	1430	1100	77		1200	84		14-144	9		50
2,4,6-Trichlorophenol	ND	1430	1200	84		1300	91		30-130	8		50
p-Chloro-m-cresol	ND	1430	1200	84		1300	91		26-103	8		50
2-Chlorophenol	ND	1430	1100	77		1200	84		25-102	9		50
2,4-Dichlorophenol	ND	1430	1200	84		1300	91		30-130	8		50
2,4-Dimethylphenol	ND	1430	1100	77		1300	91		30-130	17		50
2-Nitrophenol	ND	1430	500	35		700	49		30-130	33		50
4-Nitrophenol	ND	1430	800	56		910	63		11-114	13		50
2,4-Dinitrophenol	ND	1430	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1430	ND	0	Q	130J	9	Q	10-130	NC		50
Pentachlorophenol	ND	1430	920	64		1000	70		17-109	8		50
Phenol	ND	1430	1000	70		1200	84		26-90	18		50
2-Methylphenol	ND	1430	1200	84		1300	91		30-130	8		50
3-Methylphenol/4-Methylphenol	ND	1430	1100	77		1300	91		30-130	17		50
2,4,5-Trichlorophenol	ND	1430	1200	84		1300	91		30-130	8		50
Benzoic Acid	ND	1430	ND	0	Q	ND	0	Q	10-110	NC		50
Benzyl Alcohol	ND	1430	1200	84		1300	91		40-140	8		50
Carbazole	550	1430	1400	60		1900	94		54-128	30		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-4 WG1124214-5 QC Sample: L1820814-35 Client ID: SS-3B												

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	84		86		10-136
2-Fluorobiphenyl	77		85		30-120
2-Fluorophenol	75		84		25-120
4-Terphenyl-d14	75		82		18-120
Nitrobenzene-d5	81		90		23-120
Phenol-d6	81		90		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-6 WG1124214-7 QC Sample: L1820814-36 Client ID: SS-4B												
Acenaphthene	620	1530	1300	45		1500	58		31-137	14		50
1,2,4-Trichlorobenzene	ND	1530	1000	66		1100	72		38-107	10		50
Hexachlorobenzene	ND	1530	1000	66		1000	66		40-140	0		50
Bis(2-chloroethyl)ether	ND	1530	1000	66		1200	79		40-140	18		50
2-Chloronaphthalene	ND	1530	1100	72		1100	72		40-140	0		50
1,2-Dichlorobenzene	ND	1530	970	64		1000	66		40-140	3		50
1,3-Dichlorobenzene	ND	1530	940	62		1000	66		40-140	6		50
1,4-Dichlorobenzene	ND	1530	970	64		1000	66		28-104	3		50
3,3'-Dichlorobenzidine	ND	1530	ND	0	Q	ND	0	Q	40-140	NC		50
2,4-Dinitrotoluene	ND	1530	970	64		1000	66		40-132	3		50
2,6-Dinitrotoluene	ND	1530	1000	66		1100	72		40-140	10		50
Fluoranthene	6800	1530	5600	0	Q	5500	0	Q	40-140	2		50
4-Chlorophenyl phenyl ether	ND	1530	1000	66		1100	72		40-140	10		50
4-Bromophenyl phenyl ether	ND	1530	1100	72		1100	72		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1530	1300	85		1400	92		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1530	1200	79		1200	79		40-117	0		50
Hexachlorobutadiene	ND	1530	1000	66		1100	72		40-140	10		50
Hexachlorocyclopentadiene	ND	1530	570	37	Q	540	35	Q	40-140	5		50
Hexachloroethane	ND	1530	950	62		980	64		40-140	3		50
Isophorone	ND	1530	1200	79		1200	79		40-140	0		50
Naphthalene	190	1530	1100	72		1200	79		40-140	9		50
Nitrobenzene	ND	1530	1200	79		1300	85		40-140	8		50
NDPA/DPA	ND	1530	1100	72		1100	72		36-157	0		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-6 WG1124214-7 QC Sample: L1820814-36 Client ID: SS-4B												
n-Nitrosodi-n-propylamine	ND	1530	1100	72		1200	79		32-121	9		50
Bis(2-ethylhexyl)phthalate	440	1530	1800	89		29000E	1900	Q	40-140	177	Q	50
Butyl benzyl phthalate	ND	1530	1200	79		1200	79		40-140	0		50
Di-n-butylphthalate	120J	1530	1200	79		1300	85		40-140	8		50
Di-n-octylphthalate	ND	1530	1200	79		1300	85		40-140	8		50
Diethyl phthalate	ND	1530	1100	72		1200	79		40-140	9		50
Dimethyl phthalate	ND	1530	1100	72		1200	79		40-140	9		50
Benzo(a)anthracene	3400	1530	3300	0	Q	3000	0	Q	40-140	10		50
Benzo(a)pyrene	3100	1530	2900	0	Q	2700	0	Q	40-140	7		50
Benzo(b)fluoranthene	4200	1530	3500	0	Q	3300	0	Q	40-140	6		50
Benzo(k)fluoranthene	1100	1530	1700	39	Q	1500	26	Q	40-140	13		50
Chrysene	3700	1530	3200	0	Q	2800	0	Q	40-140	13		50
Acenaphthylene	300	1530	1300	66		1300	66		40-140	0		50
Anthracene	1100	1530	1800	46		2000	59		40-140	11		50
Benzo(ghi)perylene	1900	1530	2200	20	Q	2100	13	Q	40-140	5		50
Fluorene	390	1530	1300	60		1400	66		40-140	7		50
Phenanthrene	5400	1530	4500	0	Q	5100	0	Q	40-140	13		50
Dibenzo(a,h)anthracene	560	1530	1300	48		1300	49		40-140	0		50
Indeno(1,2,3-cd)pyrene	2100	1530	2400	20	Q	2300	13	Q	40-140	4		50
Pyrene	6400	1530	5200	0	Q	5100	0	Q	35-142	2		50
Biphenyl	45.J	1530	1100	72		1200	79		54-104	9		50
4-Chloroaniline	ND	1530	1000	66		870	57		40-140	14		50
2-Nitroaniline	ND	1530	1200	79		1300	85		47-134	8		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-6 WG1124214-7 QC Sample: L1820814-36 Client ID: SS-4B												
3-Nitroaniline	ND	1530	780	51		1000	66		26-129	25		50
4-Nitroaniline	ND	1530	390	26	Q	680	45		41-125	54	Q	50
Dibenzofuran	350	1530	1300	62		1400	69		40-140	7		50
2-Methylnaphthalene	130J	1530	1100	72		1200	79		40-140	9		50
1,2,4,5-Tetrachlorobenzene	ND	1530	1000	66		1100	72		40-117	10		50
Acetophenone	ND	1530	1100	72		1200	79		14-144	9		50
2,4,6-Trichlorophenol	ND	1530	1200	79		1300	85		30-130	8		50
p-Chloro-m-cresol	ND	1530	1200	79		1300	85		26-103	8		50
2-Chlorophenol	ND	1530	1100	72		1200	79		25-102	9		50
2,4-Dichlorophenol	ND	1530	1200	79		1300	85		30-130	8		50
2,4-Dimethylphenol	ND	1530	1100	72		1200	79		30-130	9		50
2-Nitrophenol	ND	1530	670	44		760	50		30-130	13		50
4-Nitrophenol	ND	1530	1100	72		1200	79		11-114	9		50
2,4-Dinitrophenol	ND	1530	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1530	110J	7	Q	ND	0	Q	10-130	NC		50
Pentachlorophenol	ND	1530	930	61		1000	66		17-109	7		50
Phenol	ND	1530	1100	72		1200	79		26-90	9		50
2-Methylphenol	ND	1530	1200	79		1200	79		30-130	0		50
3-Methylphenol/4-Methylphenol	ND	1530	1200	79		1200	79		30-130	0		50
2,4,5-Trichlorophenol	ND	1530	1200	79		1300	85		30-130	8		50
Benzoic Acid	ND	1530	ND	0	Q	ND	0	Q	10-110	NC		50
Benzyl Alcohol	ND	1530	1200	79		1300	85		40-140	8		50
Carbazole	420	1530	1000	38	Q	1300	58		54-128	26		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124214-6 WG1124214-7 QC Sample: L1820814-36 Client ID: SS-4B												

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	77		80		10-136
2-Fluorobiphenyl	68		72		30-120
2-Fluorophenol	69		75		25-120
4-Terphenyl-d14	66		68		18-120
Nitrobenzene-d5	79		84		23-120
Phenol-d6	75		80		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124354-8 WG1124354-9 QC Sample: L1820814-20 Client ID: MW-B												
1,2,4-Trichlorobenzene	ND	40	29	73		29	73		39-98	0		30
Bis(2-chloroethyl)ether	ND	40	32	80		33	83		40-140	3		30
1,2-Dichlorobenzene	ND	40	26	65		27	68		40-140	4		30
1,3-Dichlorobenzene	ND	40	26	65		26	65		40-140	0		30
1,4-Dichlorobenzene	ND	40	26	65		26	65		36-97	0		30
3,3'-Dichlorobenzidine	ND	40	16	40		19	48		40-140	17		30
2,4-Dinitrotoluene	ND	40	39	98		42	110		48-143	7		30
2,6-Dinitrotoluene	ND	40	37	93		39	98		40-140	5		30
4-Chlorophenyl phenyl ether	ND	40	36	90		38	95		40-140	5		30
4-Bromophenyl phenyl ether	ND	40	38	95		41	100		40-140	8		30
Bis(2-chloroisopropyl)ether	ND	40	26	65		26	65		40-140	0		30
Bis(2-chloroethoxy)methane	ND	40	35	88		36	90		40-140	3		30
Hexachlorocyclopentadiene	ND	40	26	65		28	70		40-140	7		30
Isophorone	ND	40	39	98		39	98		40-140	0		30
Nitrobenzene	ND	40	45	110		44	110		40-140	2		30
NDPA/DPA	ND	40	36	90		38	95		40-140	5		30
n-Nitrosodi-n-propylamine	ND	40	43	110		43	110		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	40	42	110		44	110		40-140	5		30
Butyl benzyl phthalate	ND	40	44	110		44	110		40-140	0		30
Di-n-butylphthalate	ND	40	43	110		42	110		40-140	2		30
Di-n-octylphthalate	ND	40	43	110		46	120		40-140	7		30
Diethyl phthalate	ND	40	40	100		43	110		40-140	7		30
Dimethyl phthalate	ND	40	38	95		40	100		40-140	5		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124354-8 WG1124354-9 QC Sample: L1820814-20 Client ID: MW-B												
Biphenyl	ND	40	35	88		36	90		40-140	3		30
4-Chloroaniline	ND	40	31	78		35	88		40-140	12		30
2-Nitroaniline	ND	40	35	88		39	98		52-143	11		30
3-Nitroaniline	ND	40	24	60		25	63		25-145	4		30
4-Nitroaniline	ND	40	29	73		32	80		51-143	10		30
Dibenzofuran	ND	40	34	85		38	95		40-140	11		30
1,2,4,5-Tetrachlorobenzene	ND	40	33	83		35	88		2-134	6		30
Acetophenone	ND	40	39	98		39	98		39-129	0		30
2,4,6-Trichlorophenol	ND	40	38	95		40	100		30-130	5		30
p-Chloro-m-cresol	ND	40	43	110	Q	45	110	Q	23-97	5		30
2-Chlorophenol	ND	40	32	80		32	80		27-123	0		30
2,4-Dichlorophenol	ND	40	36	90		37	93		30-130	3		30
2,4-Dimethylphenol	ND	40	40	100		41	100		30-130	2		30
2-Nitrophenol	ND	40	36	90		36	90		30-130	0		30
4-Nitrophenol	ND	40	36	90	Q	39	98	Q	10-80	8		30
2,4-Dinitrophenol	ND	40	32	80		37	93		20-130	14		30
4,6-Dinitro-o-cresol	ND	40	41	100		44	110		20-164	7		30
Phenol	ND	40	19	48		19	48		12-110	0		30
2-Methylphenol	ND	40	30	75		30	75		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	40	33	83		32	80		30-130	3		30
2,4,5-Trichlorophenol	ND	40	39	98		40	100		30-130	3		30
Benzoic Acid	ND	40	20J	50		23.J	58		10-164	14		30
Benzyl Alcohol	ND	40	40	100		37	93		26-116	8		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124354-8 WG1124354-9 QC Sample: L1820814-20 Client ID: MW-B												
Carbazole	ND	40	39	98		39	98		55-144	0		30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	89		95		10-120
2-Fluorobiphenyl	84		86		15-120
2-Fluorophenol	57		55		21-120
4-Terphenyl-d14	91		93		41-149
Nitrobenzene-d5	104		95		23-120
Phenol-d6	46		44		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab 20 Client ID: MW-B Associated sample(s): 19-22,37-38 QC Batch ID: WG1124355-8 WG1124355-9 QC Sample: L1820814-												
Acenaphthene	ND	10	6.5	65		6.2	62		40-140	5		40
2-Chloronaphthalene	ND	10	5.3	53		5.3	53		40-140	0		40
Fluoranthene	ND	10	6.7	67		6.5	65		40-140	3		40
Hexachlorobutadiene	ND	10	4.7	47		4.5	45		40-140	4		40
Naphthalene	0.22	10	5.8	56		5.6	54		40-140	4		40
Benzo(a)anthracene	ND	10	6.8	68		6.6	66		40-140	3		40
Benzo(a)pyrene	ND	10	6.5	65		6.3	63		40-140	3		40
Benzo(b)fluoranthene	ND	10	6.7	67		6.6	66		40-140	2		40
Benzo(k)fluoranthene	ND	10	6.8	68		6.6	66		40-140	3		40
Chrysene	ND	10	7.2	72		7.0	70		40-140	3		40
Acenaphthylene	ND	10	5.8	58		5.9	59		40-140	2		40
Anthracene	ND	10	6.9	69		6.6	66		40-140	4		40
Benzo(ghi)perylene	ND	10	6.6	66		6.3	63		40-140	5		40
Fluorene	ND	10	6.6	66		6.5	65		40-140	2		40
Phenanthrene	ND	10	6.9	69		6.7	67		40-140	3		40
Dibenzo(a,h)anthracene	ND	10	6.9	69		6.5	65		40-140	6		40
Indeno(1,2,3-cd)pyrene	ND	10	6.9	69		6.5	65		40-140	6		40
Pyrene	ND	10	6.6	66		6.5	65		40-140	2		40
2-Methylnaphthalene	ND	10	5.3	53		5.3	53		40-140	0		40
Pentachlorophenol	ND	10	7.2	72		6.7	67		40-140	7		40
Hexachlorobenzene	ND	10	7.2	72		6.8	68		40-140	6		40
Hexachloroethane	ND	10	4.8	48		4.7	47		40-140	2		40

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124355-8 WG1124355-9 QC Sample: L1820814-20 Client ID: MW-B												

Surrogate	MS		MSD		Acceptance Criteria	
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,6-Tribromophenol	19		18		10-120	
2-Fluorobiphenyl	16		16		15-120	
2-Fluorophenol	10	Q	10	Q	21-120	
4-Terphenyl-d14	17	Q	17	Q	41-149	
Nitrobenzene-d5	15	Q	15	Q	23-120	
Phenol-d6	8	Q	8	Q	10-120	

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124630-4 WG1124630-5 QC Sample: L1820814-20 Client ID: MW-B												
1,4-Dioxane	2340	4720	6650	91		6840	92		40-140	3		30

Surrogate	MS		MSD		Acceptance Criteria	
	% Recovery	Qualifier	% Recovery	Qualifier		
1,4-Dioxane-d8	26		28		15-110	

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 19-22 QC Batch ID: WG1126304-4 WG1126304-5 QC Sample: L1820814-20 Client ID: MW-B												
Perfluorobutanoic Acid (PFBA)	13.0	35.7	49.2	101		45.9	92		50-150	7		30
Perfluoropentanoic Acid (PFPeA)	15.6	35.7	51.6	101		47.3	89		50-150	9		30
Perfluorobutanesulfonic Acid (PFBS)	3.95	35.7	42.9	109		39.2	99		50-150	9		30
Perfluorohexanoic Acid (PFHxA)	14.0	35.7	54.3	113		49.3	99		50-150	10		30
Perfluoroheptanoic Acid (PFHpA)	10.2	35.7	47.6	105		44.7	97		50-150	6		30
Perfluorohexanesulfonic Acid (PFHxS)	3.03	35.7	44.5	116		42.6	111		50-150	4		30
Perfluorooctanoic Acid (PFOA)	57.9	35.7	93.4	99		87.7	83		50-150	6		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	35.7	38.1	107		34.9	98		50-150	9		30
Perfluoroheptanesulfonic Acid (PFHpS)	0.878J	35.7	40.6	114		35.7	100		50-150	13		30
Perfluorononanoic Acid (PFNA)	4.36	35.7	44.0	111		40.7	102		50-150	8		30
Perfluorooctanesulfonic Acid (PFOS)	44.4	35.7	83.0	108		73.8	82		50-150	12		30
Perfluorodecanoic Acid (PFDA)	0.846J	35.7	40.3	113		39.2	110		50-150	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.7	37.0	104		29.6	83		50-150	22		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	35.7	38.5	108		32.1	90		50-150	18		30
Perfluoroundecanoic Acid (PFUnA)	ND	35.7	33.9	95		32.8	92		50-150	3		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.7	29.3	82		27.7	78		50-150	6		30
Perfluorooctanesulfonamide (FOSA)	ND	35.7	37.5	105		31.7	89		50-150	17		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	35.7	40.7	114		31.9	89		50-150	24		30
Perfluorododecanoic Acid (PFDoA)	ND	35.7	37.0	104		36.1	101		50-150	2		30
Perfluorotridecanoic Acid (PFTrDA)	ND	35.7	38.5	108		35.2	99		50-150	9		30
Perfluorotetradecanoic Acid (PFTA)	ND	35.7	44.5	125		38.8	109		50-150	14		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 19-22 QC Batch ID: WG1126304-4 WG1126304-5 QC Sample: L1820814-20 Client ID: MW-B												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92		111		50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	139		156	Q	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		71		50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		71		50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		89		50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		92		50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		90		50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		88		50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		120		50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	71		77		50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		78		50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		112		50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	108		120		50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11	Q	44	Q	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		113		50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		106		50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88		102		50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		114		50-150

PCBS

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01
 Client ID: SB-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 09:32
 Analyst: WR
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.7	4.05	1	A
Aroclor 1221	ND		ug/kg	35.7	5.44	1	A
Aroclor 1232	ND		ug/kg	35.7	3.52	1	A
Aroclor 1242	ND		ug/kg	35.7	4.37	1	A
Aroclor 1248	ND		ug/kg	35.7	4.01	1	A
Aroclor 1254	ND		ug/kg	35.7	2.92	1	A
Aroclor 1260	ND		ug/kg	35.7	3.73	1	A
Aroclor 1262	ND		ug/kg	35.7	2.94	1	A
Aroclor 1268	ND		ug/kg	35.7	2.53	1	A
PCBs, Total	ND		ug/kg	35.7	2.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-02
 Client ID: SB-2A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:05
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 09:45
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	4.08	1	A
Aroclor 1221	ND		ug/kg	36.0	5.48	1	A
Aroclor 1232	ND		ug/kg	36.0	3.54	1	A
Aroclor 1242	ND		ug/kg	36.0	4.41	1	A
Aroclor 1248	ND		ug/kg	36.0	4.04	1	A
Aroclor 1254	ND		ug/kg	36.0	2.94	1	A
Aroclor 1260	ND		ug/kg	36.0	3.76	1	A
Aroclor 1262	ND		ug/kg	36.0	2.96	1	A
Aroclor 1268	ND		ug/kg	36.0	2.55	1	A
PCBs, Total	ND		ug/kg	36.0	2.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-03
 Client ID: SB-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 09:57
 Analyst: WR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	4.22	1	A
Aroclor 1221	ND		ug/kg	37.2	5.66	1	A
Aroclor 1232	ND		ug/kg	37.2	3.66	1	A
Aroclor 1242	ND		ug/kg	37.2	4.55	1	A
Aroclor 1248	ND		ug/kg	37.2	4.17	1	A
Aroclor 1254	ND		ug/kg	37.2	3.04	1	A
Aroclor 1260	ND		ug/kg	37.2	3.88	1	A
Aroclor 1262	ND		ug/kg	37.2	3.06	1	A
Aroclor 1268	ND		ug/kg	37.2	2.63	1	A
PCBs, Total	ND		ug/kg	37.2	2.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-04
 Client ID: SB-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 10:09
 Analyst: WR
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	4.56	1	A
Aroclor 1221	ND		ug/kg	40.2	6.12	1	A
Aroclor 1232	ND		ug/kg	40.2	3.95	1	A
Aroclor 1242	ND		ug/kg	40.2	4.92	1	A
Aroclor 1248	ND		ug/kg	40.2	4.51	1	A
Aroclor 1254	ND		ug/kg	40.2	3.28	1	A
Aroclor 1260	ND		ug/kg	40.2	4.19	1	A
Aroclor 1262	ND		ug/kg	40.2	3.30	1	A
Aroclor 1268	ND		ug/kg	40.2	2.84	1	A
PCBs, Total	ND		ug/kg	40.2	2.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D
 Client ID: SB-5A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 16:35
 Analyst: WR
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	205	23.2	5	A
Aroclor 1221	ND		ug/kg	205	31.2	5	A
Aroclor 1232	ND		ug/kg	205	20.2	5	A
Aroclor 1242	ND		ug/kg	205	25.1	5	A
Aroclor 1248	ND		ug/kg	205	23.0	5	A
Aroclor 1254	1820		ug/kg	205	16.7	5	A
Aroclor 1260	ND		ug/kg	205	21.4	5	A
Aroclor 1262	ND		ug/kg	205	16.8	5	A
Aroclor 1268	ND		ug/kg	205	14.5	5	A
PCBs, Total	1820		ug/kg	205	14.5	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-06
 Client ID: SB-6A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 16:09
 Analyst: WR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	4.10	1	A
Aroclor 1221	ND		ug/kg	36.1	5.50	1	A
Aroclor 1232	ND		ug/kg	36.1	3.55	1	A
Aroclor 1242	ND		ug/kg	36.1	4.42	1	A
Aroclor 1248	ND		ug/kg	36.1	4.05	1	A
Aroclor 1254	15.1	J	ug/kg	36.1	2.95	1	A
Aroclor 1260	ND		ug/kg	36.1	3.77	1	A
Aroclor 1262	ND		ug/kg	36.1	2.97	1	A
Aroclor 1268	ND		ug/kg	36.1	2.56	1	A
PCBs, Total	15.1	J	ug/kg	36.1	2.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-07**Date Collected:** 06/04/18 12:10**Client ID:** SB-7A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 3546**Analytical Method:** 1,8082A**Extraction Date:** 06/09/18 01:57**Analytical Date:** 06/12/18 11:02**Cleanup Method:** EPA 3665A**Analyst:** WR**Cleanup Date:** 06/09/18**Percent Solids:** 87%**Cleanup Method:** EPA 3660B**Cleanup Date:** 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.3	4.34	1	A
Aroclor 1221	ND		ug/kg	38.3	5.83	1	A
Aroclor 1232	ND		ug/kg	38.3	3.77	1	A
Aroclor 1242	ND		ug/kg	38.3	4.69	1	A
Aroclor 1248	ND		ug/kg	38.3	4.30	1	A
Aroclor 1254	ND		ug/kg	38.3	3.12	1	A
Aroclor 1260	ND		ug/kg	38.3	4.00	1	A
Aroclor 1262	ND		ug/kg	38.3	3.15	1	A
Aroclor 1268	ND		ug/kg	38.3	2.71	1	A
PCBs, Total	ND		ug/kg	38.3	2.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-08
 Client ID: SB-8A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:25
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 11:15
 Analyst: WR
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.0	3.96	1	A
Aroclor 1221	ND		ug/kg	35.0	5.32	1	A
Aroclor 1232	ND		ug/kg	35.0	3.44	1	A
Aroclor 1242	ND		ug/kg	35.0	4.28	1	A
Aroclor 1248	ND		ug/kg	35.0	3.92	1	A
Aroclor 1254	ND		ug/kg	35.0	2.85	1	A
Aroclor 1260	ND		ug/kg	35.0	3.65	1	A
Aroclor 1262	ND		ug/kg	35.0	2.87	1	A
Aroclor 1268	ND		ug/kg	35.0	2.48	1	A
PCBs, Total	ND		ug/kg	35.0	2.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-09**Date Collected:** 06/04/18 13:50**Client ID:** SB-1B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 3546**Analytical Method:** 1,8082A**Extraction Date:** 06/09/18 01:57**Analytical Date:** 06/12/18 11:27**Cleanup Method:** EPA 3665A**Analyst:** WR**Cleanup Date:** 06/09/18**Percent Solids:** 87%**Cleanup Method:** EPA 3660B**Cleanup Date:** 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	4.13	1	A
Aroclor 1221	ND		ug/kg	36.4	5.54	1	A
Aroclor 1232	ND		ug/kg	36.4	3.58	1	A
Aroclor 1242	ND		ug/kg	36.4	4.45	1	A
Aroclor 1248	ND		ug/kg	36.4	4.08	1	A
Aroclor 1254	ND		ug/kg	36.4	2.97	1	A
Aroclor 1260	ND		ug/kg	36.4	3.80	1	A
Aroclor 1262	ND		ug/kg	36.4	2.99	1	A
Aroclor 1268	ND		ug/kg	36.4	2.58	1	A
PCBs, Total	ND		ug/kg	36.4	2.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-10
 Client ID: SB-2B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 11:40
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.7	4.05	1	A
Aroclor 1221	ND		ug/kg	35.7	5.44	1	A
Aroclor 1232	ND		ug/kg	35.7	3.52	1	A
Aroclor 1242	ND		ug/kg	35.7	4.38	1	A
Aroclor 1248	ND		ug/kg	35.7	4.01	1	A
Aroclor 1254	ND		ug/kg	35.7	2.92	1	A
Aroclor 1260	ND		ug/kg	35.7	3.73	1	A
Aroclor 1262	ND		ug/kg	35.7	2.94	1	A
Aroclor 1268	ND		ug/kg	35.7	2.53	1	A
PCBs, Total	ND		ug/kg	35.7	2.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-11
 Client ID: SB-3B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 11:53
 Analyst: WR
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	4.00	1	A
Aroclor 1221	ND		ug/kg	35.3	5.37	1	A
Aroclor 1232	ND		ug/kg	35.3	3.47	1	A
Aroclor 1242	ND		ug/kg	35.3	4.32	1	A
Aroclor 1248	ND		ug/kg	35.3	3.96	1	A
Aroclor 1254	3.38	J	ug/kg	35.3	2.88	1	B
Aroclor 1260	ND		ug/kg	35.3	3.69	1	A
Aroclor 1262	ND		ug/kg	35.3	2.90	1	A
Aroclor 1268	ND		ug/kg	35.3	2.50	1	A
PCBs, Total	3.38	J	ug/kg	35.3	2.50	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-12
 Client ID: SB-4B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 12:05
 Analyst: WR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	4.06	1	A
Aroclor 1221	ND		ug/kg	35.8	5.44	1	A
Aroclor 1232	ND		ug/kg	35.8	3.52	1	A
Aroclor 1242	ND		ug/kg	35.8	4.38	1	A
Aroclor 1248	ND		ug/kg	35.8	4.01	1	A
Aroclor 1254	ND		ug/kg	35.8	2.92	1	A
Aroclor 1260	ND		ug/kg	35.8	3.73	1	A
Aroclor 1262	ND		ug/kg	35.8	2.94	1	A
Aroclor 1268	ND		ug/kg	35.8	2.53	1	A
PCBs, Total	ND		ug/kg	35.8	2.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-13
 Client ID: SB-5B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 12:18
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.96	1	A
Aroclor 1221	ND		ug/kg	34.9	5.32	1	A
Aroclor 1232	ND		ug/kg	34.9	3.44	1	A
Aroclor 1242	ND		ug/kg	34.9	4.28	1	A
Aroclor 1248	ND		ug/kg	34.9	3.92	1	A
Aroclor 1254	28.5	J	ug/kg	34.9	2.85	1	A
Aroclor 1260	ND		ug/kg	34.9	3.65	1	A
Aroclor 1262	ND		ug/kg	34.9	2.87	1	A
Aroclor 1268	ND		ug/kg	34.9	2.47	1	A
PCBs, Total	28.5	J	ug/kg	34.9	2.47	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-14
 Client ID: SB-6B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 12:30
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	4.10	1	A
Aroclor 1221	ND		ug/kg	36.1	5.50	1	A
Aroclor 1232	ND		ug/kg	36.1	3.56	1	A
Aroclor 1242	ND		ug/kg	36.1	4.42	1	A
Aroclor 1248	ND		ug/kg	36.1	4.06	1	A
Aroclor 1254	ND		ug/kg	36.1	2.95	1	A
Aroclor 1260	ND		ug/kg	36.1	3.77	1	A
Aroclor 1262	ND		ug/kg	36.1	2.97	1	A
Aroclor 1268	ND		ug/kg	36.1	2.56	1	A
PCBs, Total	ND		ug/kg	36.1	2.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-15
 Client ID: SB-7B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 12:43
 Analyst: WR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.7	4.39	1	A
Aroclor 1221	ND		ug/kg	38.7	5.90	1	A
Aroclor 1232	ND		ug/kg	38.7	3.81	1	A
Aroclor 1242	ND		ug/kg	38.7	4.74	1	A
Aroclor 1248	ND		ug/kg	38.7	4.35	1	A
Aroclor 1254	10.6	J	ug/kg	38.7	3.16	1	A
Aroclor 1260	ND		ug/kg	38.7	4.04	1	A
Aroclor 1262	ND		ug/kg	38.7	3.18	1	A
Aroclor 1268	ND		ug/kg	38.7	2.74	1	A
PCBs, Total	10.6	J	ug/kg	38.7	2.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-16
 Client ID: SB-8B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 14:26
 Analyst: WR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	4.21	1	A
Aroclor 1221	ND		ug/kg	37.1	5.65	1	A
Aroclor 1232	ND		ug/kg	37.1	3.65	1	A
Aroclor 1242	ND		ug/kg	37.1	4.54	1	A
Aroclor 1248	ND		ug/kg	37.1	4.17	1	A
Aroclor 1254	ND		ug/kg	37.1	3.03	1	A
Aroclor 1260	ND		ug/kg	37.1	3.88	1	A
Aroclor 1262	ND		ug/kg	37.1	3.05	1	A
Aroclor 1268	ND		ug/kg	37.1	2.63	1	A
PCBs, Total	ND		ug/kg	37.1	2.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-17
 Client ID: DUP-1
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:33
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 14:38
 Analyst: WR
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.88	1	A
Aroclor 1221	ND		ug/kg	34.2	5.20	1	A
Aroclor 1232	ND		ug/kg	34.2	3.36	1	A
Aroclor 1242	ND		ug/kg	34.2	4.18	1	A
Aroclor 1248	ND		ug/kg	34.2	3.84	1	A
Aroclor 1254	20.8	J	ug/kg	34.2	2.79	1	A
Aroclor 1260	ND		ug/kg	34.2	3.57	1	A
Aroclor 1262	ND		ug/kg	34.2	2.81	1	A
Aroclor 1268	ND		ug/kg	34.2	2.42	1	A
PCBs, Total	20.8	J	ug/kg	34.2	2.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-18
 Client ID: DUP-2
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:54
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 14:51
 Analyst: WR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	4.06	1	A
Aroclor 1221	ND		ug/kg	35.8	5.45	1	A
Aroclor 1232	ND		ug/kg	35.8	3.52	1	A
Aroclor 1242	ND		ug/kg	35.8	4.38	1	A
Aroclor 1248	ND		ug/kg	35.8	4.02	1	A
Aroclor 1254	ND		ug/kg	35.8	2.92	1	A
Aroclor 1260	ND		ug/kg	35.8	3.74	1	A
Aroclor 1262	ND		ug/kg	35.8	2.94	1	A
Aroclor 1268	ND		ug/kg	35.8	2.54	1	A
PCBs, Total	ND		ug/kg	35.8	2.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19
 Client ID: MW-A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 16:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 11:57
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 17:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20
 Client ID: MW-B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 13:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 12:10
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 17:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21
 Client ID: MW-C
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 18:53
 Analyst: HT

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 17:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22
 Client ID: GW-DUP
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 12:48
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 17:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-29
 Client ID: SS-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 15:03
 Analyst: WR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	4.17	1	A
Aroclor 1221	ND		ug/kg	36.8	5.60	1	A
Aroclor 1232	ND		ug/kg	36.8	3.62	1	A
Aroclor 1242	ND		ug/kg	36.8	4.50	1	A
Aroclor 1248	ND		ug/kg	36.8	4.12	1	A
Aroclor 1254	201		ug/kg	36.8	3.00	1	A
Aroclor 1260	ND		ug/kg	36.8	3.84	1	A
Aroclor 1262	ND		ug/kg	36.8	3.02	1	A
Aroclor 1268	ND		ug/kg	36.8	2.60	1	A
PCBs, Total	201		ug/kg	36.8	2.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-30
 Client ID: SS-2A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:08
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 15:16
 Analyst: WR
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.8	4.40	1	A
Aroclor 1221	ND		ug/kg	38.8	5.91	1	A
Aroclor 1232	ND		ug/kg	38.8	3.82	1	A
Aroclor 1242	ND		ug/kg	38.8	4.75	1	A
Aroclor 1248	ND		ug/kg	38.8	4.36	1	A
Aroclor 1254	20.9	J	ug/kg	38.8	3.17	1	A
Aroclor 1260	ND		ug/kg	38.8	4.06	1	A
Aroclor 1262	ND		ug/kg	38.8	3.19	1	A
Aroclor 1268	ND		ug/kg	38.8	2.75	1	A
PCBs, Total	20.9	J	ug/kg	38.8	2.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-31 D
 Client ID: SS-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/13/18 03:59
 Analyst: HT
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 04:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	71.5	8.10	2	A
Aroclor 1221	ND		ug/kg	71.5	10.9	2	A
Aroclor 1232	ND		ug/kg	71.5	7.03	2	A
Aroclor 1242	ND		ug/kg	71.5	8.75	2	A
Aroclor 1248	ND		ug/kg	71.5	8.02	2	A
Aroclor 1254	558		ug/kg	71.5	5.83	2	B
Aroclor 1260	ND		ug/kg	71.5	7.46	2	A
Aroclor 1262	ND		ug/kg	71.5	5.87	2	A
Aroclor 1268	ND		ug/kg	71.5	5.06	2	A
PCBs, Total	558		ug/kg	71.5	5.06	2	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-32 D
 Client ID: SS-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:20
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/13/18 04:11
 Analyst: HT
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 04:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	187	21.2	5	A
Aroclor 1221	ND		ug/kg	187	28.5	5	A
Aroclor 1232	ND		ug/kg	187	18.4	5	A
Aroclor 1242	ND		ug/kg	187	22.9	5	A
Aroclor 1248	ND		ug/kg	187	21.0	5	A
Aroclor 1254	1240		ug/kg	187	15.3	5	B
Aroclor 1260	ND		ug/kg	187	19.6	5	A
Aroclor 1262	ND		ug/kg	187	15.4	5	A
Aroclor 1268	ND		ug/kg	187	13.3	5	A
PCBs, Total	1240		ug/kg	187	13.3	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-33
 Client ID: SS-1B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 13:52
 Analyst: HT
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 04:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	4.15	1	A
Aroclor 1221	ND		ug/kg	36.6	5.57	1	A
Aroclor 1232	ND		ug/kg	36.6	3.60	1	A
Aroclor 1242	ND		ug/kg	36.6	4.48	1	A
Aroclor 1248	ND		ug/kg	36.6	4.10	1	A
Aroclor 1254	6.30	J	ug/kg	36.6	2.98	1	B
Aroclor 1260	ND		ug/kg	36.6	3.82	1	A
Aroclor 1262	ND		ug/kg	36.6	3.01	1	A
Aroclor 1268	ND		ug/kg	36.6	2.59	1	A
PCBs, Total	6.30	J	ug/kg	36.6	2.59	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-34
 Client ID: SS-2B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:20
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 14:04
 Analyst: HT
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 04:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.8	4.29	1	A
Aroclor 1221	ND		ug/kg	37.8	5.76	1	A
Aroclor 1232	ND		ug/kg	37.8	3.72	1	A
Aroclor 1242	ND		ug/kg	37.8	4.63	1	A
Aroclor 1248	ND		ug/kg	37.8	4.24	1	A
Aroclor 1254	5.18	J	ug/kg	37.8	3.09	1	B
Aroclor 1260	ND		ug/kg	37.8	3.95	1	A
Aroclor 1262	ND		ug/kg	37.8	3.11	1	A
Aroclor 1268	ND		ug/kg	37.8	2.68	1	A
PCBs, Total	5.18	J	ug/kg	37.8	2.68	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-35
 Client ID: SS-3B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 16:47
 Analyst: HT
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 04:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	4.06	1	A
Aroclor 1221	ND		ug/kg	35.8	5.45	1	A
Aroclor 1232	ND		ug/kg	35.8	3.52	1	A
Aroclor 1242	ND		ug/kg	35.8	4.38	1	A
Aroclor 1248	ND		ug/kg	35.8	4.02	1	A
Aroclor 1254	264		ug/kg	35.8	2.92	1	B
Aroclor 1260	ND		ug/kg	35.8	3.74	1	A
Aroclor 1262	ND		ug/kg	35.8	2.94	1	A
Aroclor 1268	ND		ug/kg	35.8	2.54	1	A
PCBs, Total	264		ug/kg	35.8	2.54	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-36 D
 Client ID: SS-4B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/13/18 04:36
 Analyst: WR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 04:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	190	21.6	5	A
Aroclor 1221	ND		ug/kg	190	29.0	5	A
Aroclor 1232	ND		ug/kg	190	18.7	5	A
Aroclor 1242	ND		ug/kg	190	23.3	5	A
Aroclor 1248	ND		ug/kg	190	21.4	5	A
Aroclor 1254	1400		ug/kg	190	15.5	5	A
Aroclor 1260	ND		ug/kg	190	19.9	5	A
Aroclor 1262	ND		ug/kg	190	15.6	5	A
Aroclor 1268	ND		ug/kg	190	13.5	5	A
PCBs, Total	1400		ug/kg	190	13.5	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 13:01
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 17:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	33		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/12/18 13:13
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 17:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/12/18 12:55
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 01:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-18,29-30 Batch: WG1124161-1						
Aroclor 1016	ND		ug/kg	31.8	3.61	A
Aroclor 1221	ND		ug/kg	31.8	4.85	A
Aroclor 1232	ND		ug/kg	31.8	3.13	A
Aroclor 1242	ND		ug/kg	31.8	3.90	A
Aroclor 1248	ND		ug/kg	31.8	3.57	A
Aroclor 1254	ND		ug/kg	31.8	2.60	A
Aroclor 1260	ND		ug/kg	31.8	3.32	A
Aroclor 1262	ND		ug/kg	31.8	2.62	A
Aroclor 1268	ND		ug/kg	31.8	2.25	A
PCBs, Total	ND		ug/kg	31.8	2.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/12/18 18:03
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 04:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 31-36 Batch: WG1124183-1						
Aroclor 1016	ND		ug/kg	32.9	3.73	A
Aroclor 1221	ND		ug/kg	32.9	5.01	A
Aroclor 1232	ND		ug/kg	32.9	3.24	A
Aroclor 1242	ND		ug/kg	32.9	4.03	A
Aroclor 1248	ND		ug/kg	32.9	3.69	A
Aroclor 1254	ND		ug/kg	32.9	2.68	A
Aroclor 1260	ND		ug/kg	32.9	3.44	A
Aroclor 1262	ND		ug/kg	32.9	2.70	A
Aroclor 1268	ND		ug/kg	32.9	2.33	A
PCBs, Total	ND		ug/kg	32.9	2.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/12/18 00:48
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 17:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/10/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/10/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124333-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-18,29-30 Batch: WG1124161-2 WG1124161-3									
Aroclor 1016	106		102		40-140	4		50	A
Aroclor 1260	96		94		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		85		30-150	A
Decachlorobiphenyl	77		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		86		30-150	B
Decachlorobiphenyl	83		75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 31-36 Batch: WG1124183-2 WG1124183-3									
Aroclor 1016	103		103		40-140	0		50	A
Aroclor 1260	92		92		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		87		30-150	A
Decachlorobiphenyl	78		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		87		30-150	B
Decachlorobiphenyl	81		76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124333-2 WG1124333-3									
Aroclor 1016	82		78		40-140	4		50	A
Aroclor 1260	93		87		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		62		30-150	A
Decachlorobiphenyl	72		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		57		30-150	B
Decachlorobiphenyl	63		61		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 31-36 QC Batch ID: WG1124183-4 WG1124183-5 QC Sample: L1820814-35 Client ID: SS-3B													
Aroclor 1016	ND	217	227	105		226	99		40-140	0		50	A
Aroclor 1260	ND	217	211	97		208	91		40-140	1		50	A

Surrogate	MS		MSD		Acceptance		Column
	% Recovery	Qualifier	% Recovery	Qualifier	Criteria		
2,4,5,6-Tetrachloro-m-xylene	86		78		30-150		A
Decachlorobiphenyl	69		69		30-150		A
2,4,5,6-Tetrachloro-m-xylene	86		79		30-150		B
Decachlorobiphenyl	71		69		30-150		B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 31-36 QC Batch ID: WG1124183-6 WG1124183-7 QC Sample: L1820814-36 Client ID: SS-4B													
Aroclor 1016	ND	238	345	145	Q	2.87	123		40-140	197	Q	50	A
Aroclor 1260	ND	238	883	370	Q	5.70	244	Q	40-140	197	Q	50	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		72		30-150	A
Decachlorobiphenyl	76		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		71		30-150	B
Decachlorobiphenyl	78		71		30-150	B

Matrix Spike Analysis*Batch Quality Control***Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124333-8 WG1124333-9 QC Sample: L1820814-20 Client ID: MW-B													
Aroclor 1016	ND	2.6	2.11	81		2.64	101		40-140	22		50	A
Aroclor 1260	ND	2.6	1.98	76		2.49	96		40-140	23		50	A

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	74		90		30-150	A
Decachlorobiphenyl	56		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		87		30-150	B
Decachlorobiphenyl	62		59		30-150	B

PESTICIDES

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01

Date Collected: 06/04/18 13:45

Client ID: SB-1A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/10/18 21:41

Analyst: SL

Percent Solids: 92%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.53	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	128		30-150	A
DCAA	99		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01 D
 Client ID: SB-1A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/12/18 18:39
 Analyst: DGM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.23	1.61	5	A
Lindane	ND		ug/kg	3.43	1.53	5	A
Alpha-BHC	ND		ug/kg	3.43	0.974	5	A
Beta-BHC	ND		ug/kg	8.23	3.12	5	A
Heptachlor	ND		ug/kg	4.12	1.84	5	A
Aldrin	ND		ug/kg	8.23	2.90	5	A
Heptachlor epoxide	ND		ug/kg	15.4	4.63	5	A
Endrin	ND		ug/kg	3.43	1.41	5	A
Endrin aldehyde	ND		ug/kg	10.3	3.60	5	A
Endrin ketone	ND		ug/kg	8.23	2.12	5	A
Dieldrin	ND		ug/kg	5.14	2.57	5	A
4,4'-DDE	10.7	P	ug/kg	8.23	1.90	5	B
4,4'-DDD	ND		ug/kg	8.23	2.94	5	A
4,4'-DDT	ND		ug/kg	15.4	6.62	5	A
Endosulfan I	ND		ug/kg	8.23	1.94	5	A
Endosulfan II	ND		ug/kg	8.23	2.75	5	A
Endosulfan sulfate	ND		ug/kg	3.43	1.63	5	A
Methoxychlor	ND		ug/kg	15.4	4.80	5	A
Toxaphene	ND		ug/kg	154	43.2	5	A
cis-Chlordane	ND		ug/kg	10.3	2.87	5	A
trans-Chlordane	ND		ug/kg	10.3	2.72	5	A
Chlordane	ND		ug/kg	66.9	27.3	5	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01 D

Date Collected: 06/04/18 13:45

Client ID: SB-1A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	50		30-150	B
Decachlorobiphenyl	160	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	110		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-02
 Client ID: SB-2A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:05
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 16:26
 Analyst: JW
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.342	1	A
Lindane	ND		ug/kg	0.727	0.325	1	A
Alpha-BHC	ND		ug/kg	0.727	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.662	1	A
Heptachlor	ND		ug/kg	0.873	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.615	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.982	1	A
Endrin	ND		ug/kg	0.727	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.74	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	ND		ug/kg	1.74	0.404	1	A
4,4'-DDD	ND		ug/kg	1.74	0.623	1	A
4,4'-DDT	ND		ug/kg	3.27	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.583	1	A
Endosulfan sulfate	ND		ug/kg	0.727	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.16	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.2	5.78	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-02**Date Collected:** 06/05/18 15:05**Client ID:** SB-2A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	B
Decachlorobiphenyl	149		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-02

Date Collected: 06/05/18 15:05

Client ID: SB-2A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/10/18 22:00

Analyst: SL

Percent Solids: 91%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	179	11.2	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	110		30-150	A
DCAA	85		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-03
 Client ID: SB-3A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:55
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 16:38
 Analyst: JW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	ND		ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.779	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	0.860	JPI	ug/kg	1.78	0.412	1	B
4,4'-DDD	4.23		ug/kg	1.78	0.635	1	B
4,4'-DDT	ND		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.35	1	A
cis-Chlordane	ND		ug/kg	2.23	0.620	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.5	5.90	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-03**Date Collected:** 06/05/18 10:55**Client ID:** SB-3A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	65		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	121		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-03

Date Collected: 06/05/18 10:55

Client ID: SB-3A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/10/18 22:19

Analyst: SL

Percent Solids: 87%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.88	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	152	Q	30-150	A
DCAA	110		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-04
 Client ID: SB-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 16:51
 Analyst: JW
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.813	0.363	1	A
Alpha-BHC	ND		ug/kg	0.813	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.740	1	A
Heptachlor	ND		ug/kg	0.976	0.437	1	A
Aldrin	ND		ug/kg	1.95	0.687	1	A
Heptachlor epoxide	ND		ug/kg	3.66	1.10	1	A
Endrin	ND		ug/kg	0.813	0.333	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.854	1	A
Endrin ketone	ND		ug/kg	1.95	0.502	1	A
Dieldrin	ND		ug/kg	1.22	0.610	1	A
4,4'-DDE	ND		ug/kg	1.95	0.451	1	A
4,4'-DDD	ND		ug/kg	1.95	0.696	1	A
4,4'-DDT	ND		ug/kg	3.66	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.461	1	A
Endosulfan II	ND		ug/kg	1.95	0.652	1	A
Endosulfan sulfate	ND		ug/kg	0.813	0.387	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.2	1	A
cis-Chlordane	ND		ug/kg	2.44	0.680	1	A
trans-Chlordane	ND		ug/kg	2.44	0.644	1	A
Chlordane	ND		ug/kg	15.8	6.46	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-04**Date Collected:** 06/04/18 09:45**Client ID:** SB-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	76		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-04
 Client ID: SB-4A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/10/18 22:38
 Analyst: SL
 Percent Solids: 81%
 Methylation Date: 06/09/18 21:38

Extraction Method: EPA 8151A
 Extraction Date: 06/08/18 15:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	204	12.9	1	A
2,4,5-T	ND		ug/kg	204	6.33	1	A
2,4,5-TP (Silvex)	ND		ug/kg	204	5.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	129		30-150	A
DCAA	97		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05

Date Collected: 06/05/18 11:40

Client ID: SB-5A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/10/18 22:56

Analyst: SL

Percent Solids: 79%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	208	13.1	1	A
2,4,5-T	ND		ug/kg	208	6.46	1	A
2,4,5-TP (Silvex)	ND		ug/kg	208	5.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	101		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D
 Client ID: SB-5A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 20:24
 Analyst: JW
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	39.8	7.79	20	A
Lindane	ND		ug/kg	16.6	7.41	20	A
Alpha-BHC	ND		ug/kg	16.6	4.71	20	A
Beta-BHC	ND		ug/kg	39.8	15.1	20	A
Heptachlor	ND		ug/kg	19.9	8.92	20	A
Aldrin	ND		ug/kg	39.8	14.0	20	A
Heptachlor epoxide	ND		ug/kg	74.6	22.4	20	A
Endrin	ND		ug/kg	16.6	6.80	20	A
Endrin aldehyde	ND		ug/kg	49.7	17.4	20	A
Endrin ketone	ND		ug/kg	39.8	10.2	20	A
Dieldrin	ND		ug/kg	24.9	12.4	20	A
4,4'-DDE	ND		ug/kg	39.8	9.20	20	A
4,4'-DDD	18.0	JPI	ug/kg	39.8	14.2	20	A
4,4'-DDT	ND		ug/kg	74.6	32.0	20	A
Endosulfan I	ND		ug/kg	39.8	9.40	20	A
Endosulfan II	ND		ug/kg	39.8	13.3	20	A
Endosulfan sulfate	ND		ug/kg	16.6	7.89	20	A
Methoxychlor	ND		ug/kg	74.6	23.2	20	A
Toxaphene	ND		ug/kg	746	209.	20	A
cis-Chlordane	ND		ug/kg	49.7	13.8	20	A
trans-Chlordane	ND		ug/kg	49.7	13.1	20	A
Chlordane	ND		ug/kg	323	132.	20	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05 D

Date Collected: 06/05/18 11:40

Client ID: SB-5A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-06
 Client ID: SB-6A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 17:04
 Analyst: JW
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.949	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	3.16	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.335	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	13.7	5.59	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-06**Date Collected:** 06/05/18 14:00**Client ID:** SB-6A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	89		30-150	B
Decachlorobiphenyl	103		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-06
 Client ID: SB-6A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/10/18 23:15
 Analyst: SL
 Percent Solids: 90%
 Methylation Date: 06/09/18 21:38

Extraction Method: EPA 8151A
 Extraction Date: 06/08/18 15:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.68	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	156	Q	30-150	A
DCAA	115		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-07
 Client ID: SB-7A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 17:16
 Analyst: JW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.769	0.344	1	A
Alpha-BHC	ND		ug/kg	0.769	0.218	1	A
Beta-BHC	ND		ug/kg	1.85	0.700	1	A
Heptachlor	ND		ug/kg	0.923	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.650	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.769	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.808	1	A
Endrin ketone	ND		ug/kg	1.85	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.577	1	A
4,4'-DDE	ND		ug/kg	1.85	0.427	1	A
4,4'-DDD	ND		ug/kg	1.85	0.658	1	A
4,4'-DDT	ND		ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.85	0.436	1	A
Endosulfan II	ND		ug/kg	1.85	0.617	1	A
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.69	1	A
cis-Chlordane	ND		ug/kg	2.31	0.643	1	A
trans-Chlordane	ND		ug/kg	2.31	0.609	1	A
Chlordane	ND		ug/kg	15.0	6.11	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-07**Date Collected:** 06/04/18 12:10**Client ID:** SB-7A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	84		30-150	B
Decachlorobiphenyl	96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	95		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-07
 Client ID: SB-7A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/10/18 23:53
 Analyst: KEG
 Percent Solids: 87%
 Methylation Date: 06/09/18 21:38

Extraction Method: EPA 8151A
 Extraction Date: 06/08/18 15:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.87	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	188	Q	30-150	A
DCAA	113		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-08
 Client ID: SB-8A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:25
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 17:28
 Analyst: JW
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.943	1	A
Endrin	ND		ug/kg	0.699	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	3.14	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	A
trans-Chlordane	ND		ug/kg	2.10	0.553	1	A
Chlordane	ND		ug/kg	13.6	5.55	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-08**Date Collected:** 06/05/18 12:25**Client ID:** SB-8A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	92		30-150	B
Decachlorobiphenyl	86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-08
 Client ID: SB-8A
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:25
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/11/18 00:12
 Analyst: KEG
 Percent Solids: 92%
 Methylation Date: 06/09/18 21:38

Extraction Method: EPA 8151A
 Extraction Date: 06/08/18 15:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.47	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	138		30-150	A
DCAA	103		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-09
 Client ID: SB-1B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 17:41
 Analyst: JW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.971	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.399	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	3.24	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.0	5.72	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-09

Date Collected: 06/04/18 13:50

Client ID: SB-1B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	73		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	101		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-09

Date Collected: 06/04/18 13:50

Client ID: SB-1B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 00:30

Analyst: KEG

Percent Solids: 87%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.75	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	159	Q	30-150	A
DCAA	99		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-10
 Client ID: SB-2B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 17:54
 Analyst: JW
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.931	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.66	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.590	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.966	1	A
Toxaphene	ND		ug/kg	31.0	8.69	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A
trans-Chlordane	ND		ug/kg	2.07	0.546	1	A
Chlordane	ND		ug/kg	13.4	5.48	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-10**Date Collected:** 06/05/18 15:15**Client ID:** SB-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	73		30-150	B
Decachlorobiphenyl	94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-10

Date Collected: 06/05/18 15:15

Client ID: SB-2B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 00:49

Analyst: KEG

Percent Solids: 91%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	151	Q	30-150	A
DCAA	115		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-11
 Client ID: SB-3B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 18:06
 Analyst: JW
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.719	0.321	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.863	0.387	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.755	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	ND		ug/kg	1.72	0.399	1	A
4,4'-DDD	ND		ug/kg	1.72	0.615	1	A
4,4'-DDT	ND		ug/kg	3.23	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.408	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.01	1	A
Toxaphene	ND		ug/kg	32.3	9.06	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.569	1	A
Chlordane	ND		ug/kg	14.0	5.71	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-11

Date Collected: 06/05/18 11:10

Client ID: SB-3B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	109		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-11

Date Collected: 06/05/18 11:10

Client ID: SB-3B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 01:08

Analyst: KEG

Percent Solids: 92%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	158	Q	30-150	A
DCAA	108		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-12
 Client ID: SB-4B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 18:19
 Analyst: JW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.958	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.745	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	3.19	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.19	0.994	1	A
Toxaphene	ND		ug/kg	31.9	8.94	1	A
cis-Chlordane	ND		ug/kg	2.13	0.593	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	13.8	5.64	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-12

Date Collected: 06/04/18 10:10

Client ID: SB-4B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	81		30-150	B
Decachlorobiphenyl	100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	99		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-12

Date Collected: 06/04/18 10:10

Client ID: SB-4B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 01:27

Analyst: KEG

Percent Solids: 89%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	182	11.5	1	A
2,4,5-T	ND		ug/kg	182	5.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	168	Q	30-150	A
DCAA	115		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-13
 Client ID: SB-5B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 18:31
 Analyst: JW
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:08
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.934	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.727	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.519	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	3.11	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.969	1	A
Toxaphene	ND		ug/kg	31.1	8.72	1	A
cis-Chlordane	ND		ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.548	1	A
Chlordane	ND		ug/kg	13.5	5.50	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-13**Date Collected:** 06/05/18 11:50**Client ID:** SB-5B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	B
Decachlorobiphenyl	118		30-150	B
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	107		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-13

Date Collected: 06/05/18 11:50

Client ID: SB-5B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 01:46

Analyst: KEG

Percent Solids: 91%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	161	Q	30-150	A
DCAA	109		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-14
 Client ID: SB-6B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 18:44
 Analyst: JW
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:08
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.719	0.321	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.654	1	A
Heptachlor	ND		ug/kg	0.863	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.971	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.755	1	A
Endrin ketone	ND		ug/kg	1.73	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	ND		ug/kg	1.73	0.399	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	3.24	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.06	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.0	5.72	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-14**Date Collected:** 06/05/18 14:10**Client ID:** SB-6B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	B
Decachlorobiphenyl	93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-14**Date Collected:** 06/05/18 14:10**Client ID:** SB-6B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 8151A**Analytical Method:** 1,8151A**Extraction Date:** 06/08/18 15:37**Analytical Date:** 06/11/18 02:04**Analyst:** KEG**Percent Solids:** 91%**Methylation Date:** 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	123		30-150	A
DCAA	103		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-15
 Client ID: SB-7B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 18:56
 Analyst: JW
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:08
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.782	0.349	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.711	1	A
Heptachlor	ND		ug/kg	0.938	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	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.669	1	A
4,4'-DDT	ND		ug/kg	3.52	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		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	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	ND		ug/kg	2.34	0.654	1	A
trans-Chlordane	ND		ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.2	6.22	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-15**Date Collected:** 06/04/18 12:15**Client ID:** SB-7B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	B
Decachlorobiphenyl	100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	110		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-15
 Client ID: SB-7B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:15
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/11/18 02:23
 Analyst: KEG
 Percent Solids: 84%
 Methylation Date: 06/09/18 21:38

Extraction Method: EPA 8151A
 Extraction Date: 06/08/18 15:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	154	Q	30-150	A
DCAA	106		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-16

Date Collected: 06/05/18 12:30

Client ID: SB-8B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 02:42

Analyst: KEG

Percent Solids: 89%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.67	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	144		30-150	A
DCAA	189	Q	30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-16 D
 Client ID: SB-8B
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/12/18 18:51
 Analyst: DGM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:08
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	85.7	16.8	50	A
Lindane	ND		ug/kg	35.7	16.0	50	A
Alpha-BHC	ND		ug/kg	35.7	10.1	50	A
Beta-BHC	ND		ug/kg	85.7	32.5	50	A
Heptachlor	ND		ug/kg	42.9	19.2	50	A
Aldrin	ND		ug/kg	85.7	30.2	50	A
Heptachlor epoxide	ND		ug/kg	161	48.2	50	A
Endrin	ND		ug/kg	35.7	14.6	50	A
Endrin aldehyde	ND		ug/kg	107	37.5	50	A
Endrin ketone	ND		ug/kg	85.7	22.1	50	A
Dieldrin	ND		ug/kg	53.6	26.8	50	A
4,4'-DDE	ND		ug/kg	85.7	19.8	50	A
4,4'-DDD	ND		ug/kg	85.7	30.6	50	A
4,4'-DDT	ND		ug/kg	161	68.9	50	A
Endosulfan I	ND		ug/kg	85.7	20.2	50	A
Endosulfan II	ND		ug/kg	85.7	28.6	50	A
Endosulfan sulfate	ND		ug/kg	35.7	17.0	50	A
Methoxychlor	ND		ug/kg	161	50.0	50	A
Toxaphene	ND		ug/kg	1610	450.	50	A
cis-Chlordane	ND		ug/kg	107	29.9	50	A
trans-Chlordane	ND		ug/kg	107	28.3	50	A
Chlordane	ND		ug/kg	696	284.	50	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-16 D

Date Collected: 06/05/18 12:30

Client ID: SB-8B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-17
 Client ID: DUP-1
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:33
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 16:01
 Analyst: JW
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:08
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.692	0.310	1	A
Alpha-BHC	ND		ug/kg	0.692	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.831	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.935	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.727	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.519	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	3.06	PI	ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	ND		ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.548	1	A
Chlordane	ND		ug/kg	13.5	5.50	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-17

Date Collected: 06/04/18 07:33

Client ID: DUP-1

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	132		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-17

Date Collected: 06/04/18 07:33

Client ID: DUP-1

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 03:20

Analyst: KEG

Percent Solids: 93%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	177	11.2	1	A
2,4,5-T	ND		ug/kg	177	5.49	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	138		30-150	A
DCAA	116		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-18
 Client ID: DUP-2
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:54
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/11/18 16:13
 Analyst: JW
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:08
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.325	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.662	1	A
Heptachlor	ND		ug/kg	0.874	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.615	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.983	1	A
Endrin	ND		ug/kg	0.728	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	ND		ug/kg	1.75	0.404	1	A
4,4'-DDD	4.17	PI	ug/kg	1.75	0.623	1	A
4,4'-DDT	ND		ug/kg	3.28	1.40	1	A
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.346	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.17	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.2	5.79	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-18**Date Collected:** 06/04/18 07:54**Client ID:** DUP-2**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	B
Decachlorobiphenyl	89		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	115		30-150	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-18

Date Collected: 06/04/18 07:54

Client ID: DUP-2

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/08/18 15:37

Analytical Date: 06/11/18 03:38

Analyst: KEG

Percent Solids: 90%

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	121		30-150	A
DCAA	107		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19

Date Collected: 06/05/18 16:00

Client ID: MW-A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8081B

Extraction Date: 06/09/18 08:41

Analytical Date: 06/12/18 11:30

Analyst: KB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19

Date Collected: 06/05/18 16:00

Client ID: MW-A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	82		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19

Date Collected: 06/05/18 16:00

Client ID: MW-A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/10/18 00:04

Analytical Date: 06/11/18 17:52

Analyst: KEG

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	103		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20

Date Collected: 06/05/18 13:30

Client ID: MW-B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8081B

Extraction Date: 06/09/18 08:41

Analytical Date: 06/12/18 11:43

Analyst: KB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-20**Date Collected:** 06/05/18 13:30**Client ID:** MW-B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	75		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20

Date Collected: 06/05/18 13:30

Client ID: MW-B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/09/18 02:08

Analytical Date: 06/11/18 05:50

Analyst: KEG

Methylation Date: 06/09/18 16:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	143		30-150	A
DCAA	107		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21
 Client ID: MW-C
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:00
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/12/18 12:22
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21

Date Collected: 06/05/18 10:00

Client ID: MW-C

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., 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	84		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21

Date Collected: 06/05/18 10:00

Client ID: MW-C

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/10/18 00:04

Analytical Date: 06/11/18 18:12

Analyst: KEG

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	99		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22
 Client ID: GW-DUP
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/12/18 12:34
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-22**Date Collected:** 06/05/18 11:50**Client ID:** GW-DUP**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22

Date Collected: 06/05/18 11:50

Client ID: GW-DUP

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/10/18 00:04

Analytical Date: 06/11/18 18:32

Analyst: KEG

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	108		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-29

Date Collected: 06/04/18 08:30

Client ID: SS-1A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/09/18 11:07

Analytical Date: 06/11/18 20:50

Analyst: KEG

Percent Solids: 90%

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.68	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	92		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-30

Date Collected: 06/04/18 09:08

Client ID: SS-2A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/09/18 11:07

Analytical Date: 06/11/18 21:30

Analyst: KEG

Percent Solids: 83%

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.16	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	94		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-31

Date Collected: 06/04/18 09:45

Client ID: SS-3A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/09/18 11:07

Analytical Date: 06/12/18 00:31

Analyst: KEG

Percent Solids: 91%

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	180	11.3	1	A
2,4,5-T	ND		ug/kg	180	5.56	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	110		30-150	A
DCAA	101		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-32**Date Collected:** 06/04/18 10:20**Client ID:** SS-4A**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 8151A**Analytical Method:** 1,8151A**Extraction Date:** 06/09/18 11:07**Analytical Date:** 06/12/18 00:51**Analyst:** KEG**Percent Solids:** 86%**Methylation Date:** 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	107		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-33

Date Collected: 06/04/18 08:40

Client ID: SS-1B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/09/18 11:07

Analytical Date: 06/12/18 01:11

Analyst: KEG

Percent Solids: 91%

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	101		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-34**Date Collected:** 06/04/18 09:20**Client ID:** SS-2B**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 8151A**Analytical Method:** 1,8151A**Extraction Date:** 06/09/18 11:07**Analytical Date:** 06/12/18 01:30**Analyst:** KEG**Percent Solids:** 87%**Methylation Date:** 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.77	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	112		30-150	A
DCAA	100		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-35

Date Collected: 06/04/18 09:55

Client ID: SS-3B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/09/18 11:07

Analytical Date: 06/11/18 23:52

Analyst: KEG

Percent Solids: 91%

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	179	11.2	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	98		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-36

Date Collected: 06/04/18 10:40

Client ID: SS-4B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 06/09/18 11:07

Analytical Date: 06/11/18 22:29

Analyst: KEG

Percent Solids: 87%

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.80	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	105		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/12/18 12:47
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-37**Date Collected:** 06/05/18 08:30**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 08:30
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/11/18 18:52
 Analyst: KEG

Extraction Method: EPA 8151A
 Extraction Date: 06/10/18 00:04

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	95		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/12/18 13:00
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-38**Date Collected:** 06/05/18 09:10**Client ID:** FIELD BLANK**Date Received:** 06/05/18**Sample Location:** 480 FLUSHING AVE., 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	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38
 Client ID: FIELD BLANK
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 09:10
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/11/18 19:11
 Analyst: KEG

Extraction Method: EPA 8151A
 Extraction Date: 06/10/18 00:04

Methylation Date: 06/11/18 12:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	93		30-150	B

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 06/10/18 20:26
 Analyst: SL

Extraction Method: EPA 8151A
 Extraction Date: 06/08/18 15:37

Methylation Date: 06/09/18 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-18 Batch: WG1124048-1						
2,4-D	ND		ug/kg	163	10.2	A
2,4,5-T	ND		ug/kg	163	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	124		30-150	A
DCAA	104		30-150	B

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/11/18 19:21
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 06/09/18 00:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-18 Batch: WG1124134-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.648	0.290	A
Alpha-BHC	ND		ug/kg	0.648	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.777	0.348	A
Aldrin	ND		ug/kg	1.55	0.547	A
Heptachlor epoxide	ND		ug/kg	2.91	0.874	A
Endrin	ND		ug/kg	0.648	0.266	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.972	0.486	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.648	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.907	A
Toxaphene	ND		ug/kg	29.1	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	12.6	5.15	A

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8081B
Analytical Date: 06/11/18 19:21
Analyst: JWExtraction Method: EPA 3546
Extraction Date: 06/09/18 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-18 Batch: WG1124134-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	105		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	113		30-150	A

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 06/11/18 04:16
 Analyst: KEG

Extraction Method: EPA 8151A
 Extraction Date: 06/09/18 02:08

Methylation Date: 06/09/18 16:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124165-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	129		30-150	A
DCAA	93		30-150	B

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/11/18 16:49
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124180-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	0.007	J	ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/11/18 16:49
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 06/09/18 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124180-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 06/11/18 06:28
 Analyst: KEG

Extraction Method: EPA 8151A
 Extraction Date: 06/09/18 05:04

Methylation Date: 06/09/18 22:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 29-36 Batch: WG1124189-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	122		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG1124048-2 WG1124048-3									
2,4-D	150		166	Q	30-150	10		30	A
2,4,5-T	107		116		30-150	8		30	A
2,4,5-TP (Silvex)	132		144		30-150	9		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	116		138		30-150	A
DCAA	105		114		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG1124134-2 WG1124134-3									
Delta-BHC	126		126		30-150	0		30	A
Lindane	117		118		30-150	1		30	A
Alpha-BHC	119		119		30-150	0		30	A
Beta-BHC	111		106		30-150	5		30	A
Heptachlor	88		92		30-150	4		30	A
Aldrin	115		116		30-150	1		30	A
Heptachlor epoxide	118		118		30-150	0		30	A
Endrin	125		123		30-150	2		30	A
Endrin aldehyde	127		120		30-150	6		30	A
Endrin ketone	139		147		30-150	6		30	A
Dieldrin	129		131		30-150	2		30	A
4,4'-DDE	123		124		30-150	1		30	A
4,4'-DDD	127		131		30-150	3		30	A
4,4'-DDT	124		127		30-150	2		30	A
Endosulfan I	118		122		30-150	3		30	A
Endosulfan II	127		131		30-150	3		30	A
Endosulfan sulfate	136		139		30-150	2		30	A
Methoxychlor	113		121		30-150	7		30	A
cis-Chlordane	104		113		30-150	8		30	A
trans-Chlordane	120		118		30-150	2		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG1124134-2 WG1124134-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		82		30-150	B
Decachlorobiphenyl	112		105		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		86		30-150	A
Decachlorobiphenyl	115		109		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124165-2 WG1124165-3									
2,4-D	141		138		30-150	2		25	A
2,4,5-T	105		102		30-150	3		25	A
2,4,5-TP (Silvex)	142		137		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	129		122		30-150	A
DCAA	108		108		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124180-2 WG1124180-3									
Delta-BHC	64		61		30-150	5		20	A
Lindane	58		55		30-150	6		20	A
Alpha-BHC	61		57		30-150	8		20	A
Beta-BHC	55		54		30-150	3		20	A
Heptachlor	55		52		30-150	7		20	A
Aldrin	57		51		30-150	11		20	A
Heptachlor epoxide	59		54		30-150	9		20	A
Endrin	62		57		30-150	8		20	A
Endrin aldehyde	57		54		30-150	6		20	A
Endrin ketone	60		55		30-150	9		20	A
Dieldrin	63		59		30-150	7		20	A
4,4'-DDE	58		53		30-150	9		20	A
4,4'-DDD	62		55		30-150	12		20	A
4,4'-DDT	60		54		30-150	10		20	A
Endosulfan I	58		54		30-150	8		20	A
Endosulfan II	57		51		30-150	12		20	A
Endosulfan sulfate	62		58		30-150	7		20	A
Methoxychlor	54		52		30-150	4		20	A
cis-Chlordane	52		47		30-150	10		20	A
trans-Chlordane	62		52		30-150	17		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124180-2 WG1124180-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		46		30-150	A
Decachlorobiphenyl	45		41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		44		30-150	B
Decachlorobiphenyl	50		53		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 29-36 Batch: WG1124189-2 WG1124189-3									
2,4-D	126		141		30-150	11		30	A
2,4,5-T	88		89		30-150	1		30	A
2,4,5-TP (Silvex)	121		119		30-150	2		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	101		104		30-150	A
DCAA	102		106		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124165-4 WG1124165-5 QC Sample: L1820814-20 Client ID: MW-B													
2,4-D	ND	5	7.74J	155	Q	7.44J	149		30-150	4		25	A
2,4,5-T	ND	5	5.52	110		5.35	107		30-150	3		25	A
2,4,5-TP (Silvex)	ND	5	9.26	185	Q	8.89	178	Q	30-150	4		25	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
DCAA	132		145		30-150	A
DCAA	300	Q	336	Q	30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124180-4 WG1124180-5 QC Sample: L1820814-20 Client ID: MW-B													
Delta-BHC	ND	0.357	0.328	92		0.333	93		30-150	2		30	A
Lindane	ND	0.357	0.305	85		0.309	86		30-150	1		30	A
Alpha-BHC	ND	0.357	0.303	85		0.313	88		30-150	3		30	A
Beta-BHC	ND	0.357	0.321	90		0.319	89		30-150	1		30	A
Heptachlor	ND	0.357	0.298	83		0.292	82		30-150	2		30	A
Aldrin	ND	0.357	0.281	79		0.285	80		30-150	1		30	A
Heptachlor epoxide	ND	0.357	0.306	86		0.318	89		30-150	4		30	A
Endrin	ND	0.357	0.293	82		0.286	80		30-150	2		30	A
Endrin aldehyde	ND	0.357	0.244	68		0.248	69		30-150	2		30	A
Endrin ketone	ND	0.357	0.306	86		0.305	85		30-150	0		30	A
Dieldrin	ND	0.357	0.291	82		0.295	83		30-150	1		30	A
4,4'-DDE	ND	0.357	0.283	79		0.278	78		30-150	2		30	A
4,4'-DDD	ND	0.357	0.288	81		0.277	78		30-150	4		30	A
4,4'-DDT	ND	0.357	0.262	73		0.260	73		30-150	1		30	A
Endosulfan I	ND	0.357	0.286	80		0.282	79		30-150	1		30	A
Endosulfan II	ND	0.357	0.273	76		0.271	76		30-150	1		30	A
Endosulfan sulfate	ND	0.357	0.293	82		0.294	82		30-150	0		30	A
Methoxychlor	ND	0.357	0.268	75		0.255	71		30-150	5		30	A
cis-Chlordane	ND	0.357	0.268	75		0.263	74		30-150	2		30	A
trans-Chlordane	ND	0.357	0.280	78		0.280	78		30-150	0		30	A

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124180-4 WG1124180-5 QC Sample: L1820814-20 Client ID: MW-B												

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	A
Decachlorobiphenyl	58		56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	B
Decachlorobiphenyl	67		61		30-150	B

Matrix Spike Analysis*Batch Quality Control***Project Name:** 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124189-4 WG1124189-5 QC Sample: L1820814-35 Client ID: SS-3B													
2,4-D	ND	178	196	110		197	110		30-150	1		30	A
2,4,5-T	ND	178	199	112		200	111		30-150	1		30	A
2,4,5-TP (Silvex)	ND	178	190	107		188	105		30-150	1		30	A

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>	<i>Column</i>
DCAA	97		96		30-150	A
DCAA	92		90		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1124189-6 WG1124189-7 QC Sample: L1820814-36 Client ID: SS-4B													
2,4-D	ND	188	223	118		209	110		30-150	6		30	A
2,4,5-T	ND	188	215	114		210	111		30-150	2		30	A
2,4,5-TP (Silvex)	ND	188	204	108		207	109		30-150	1		30	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		101		30-150	A
DCAA	109		93		30-150	B

METALS

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-01

Date Collected: 06/04/18 13:45

Client ID: SB-1A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5870		mg/kg	8.46	2.28	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Antimony, Total	0.550	J	mg/kg	4.23	0.322	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Arsenic, Total	3.69		mg/kg	0.846	0.176	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Barium, Total	61.5		mg/kg	0.846	0.147	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Beryllium, Total	0.305	J	mg/kg	0.423	0.028	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Cadmium, Total	0.643	J	mg/kg	0.846	0.083	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Calcium, Total	17900		mg/kg	8.46	2.96	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Chromium, Total	13.9		mg/kg	0.846	0.081	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Cobalt, Total	5.22		mg/kg	1.69	0.140	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Copper, Total	53.5		mg/kg	0.846	0.218	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Iron, Total	16400		mg/kg	4.23	0.764	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Lead, Total	127		mg/kg	4.23	0.227	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Magnesium, Total	3730		mg/kg	8.46	1.30	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Manganese, Total	287		mg/kg	0.846	0.134	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Mercury, Total	2.28		mg/kg	0.068	0.014	1	06/12/18 08:30	06/12/18 11:26	EPA 7471B	1,7471B	BV
Nickel, Total	11.9		mg/kg	2.12	0.205	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Potassium, Total	832		mg/kg	212	12.2	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.846	0.239	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Sodium, Total	142	J	mg/kg	169	2.66	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Vanadium, Total	18.1		mg/kg	0.846	0.172	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB
Zinc, Total	103		mg/kg	4.23	0.248	2	06/11/18 19:41	06/12/18 00:19	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-02

Date Collected: 06/05/18 15:05

Client ID: SB-2A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5710		mg/kg	8.24	2.23	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.12	0.313	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Arsenic, Total	1.10		mg/kg	0.824	0.171	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Barium, Total	30.9		mg/kg	0.824	0.143	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Beryllium, Total	0.445		mg/kg	0.412	0.027	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Cadmium, Total	0.503	J	mg/kg	0.824	0.081	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Calcium, Total	506		mg/kg	8.24	2.88	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Chromium, Total	13.1		mg/kg	0.824	0.079	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Cobalt, Total	5.00		mg/kg	1.65	0.137	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Copper, Total	11.4		mg/kg	0.824	0.213	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Iron, Total	20900		mg/kg	4.12	0.744	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Lead, Total	4.34		mg/kg	4.12	0.221	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Magnesium, Total	2220		mg/kg	8.24	1.27	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Manganese, Total	574		mg/kg	0.824	0.131	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Mercury, Total	0.042	J	mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 11:28	EPA 7471B	1,7471B	BV
Nickel, Total	11.5		mg/kg	2.06	0.200	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Potassium, Total	880		mg/kg	206	11.9	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.65	0.213	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.824	0.233	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Sodium, Total	90.4	J	mg/kg	165	2.60	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.65	0.260	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Vanadium, Total	18.6		mg/kg	0.824	0.167	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB
Zinc, Total	40.1		mg/kg	4.12	0.242	2	06/11/18 19:41	06/12/18 00:24	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-03

Date Collected: 06/05/18 10:55

Client ID: SB-3A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6850		mg/kg	8.68	2.34	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Antimony, Total	0.582	J	mg/kg	4.34	0.330	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Arsenic, Total	4.82		mg/kg	0.868	0.180	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Barium, Total	97.5		mg/kg	0.868	0.151	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Beryllium, Total	0.373	J	mg/kg	0.434	0.029	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Cadmium, Total	0.512	J	mg/kg	0.868	0.085	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Calcium, Total	1700		mg/kg	8.68	3.04	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Chromium, Total	16.9		mg/kg	0.868	0.083	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Cobalt, Total	5.59		mg/kg	1.74	0.144	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Copper, Total	33.5		mg/kg	0.868	0.224	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Iron, Total	15200		mg/kg	4.34	0.784	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Lead, Total	180		mg/kg	4.34	0.233	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Magnesium, Total	1900		mg/kg	8.68	1.34	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Manganese, Total	508		mg/kg	0.868	0.138	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Mercury, Total	1.25		mg/kg	0.072	0.015	1	06/12/18 08:30	06/12/18 11:34	EPA 7471B	1,7471B	BV
Nickel, Total	10.5		mg/kg	2.17	0.210	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Potassium, Total	747		mg/kg	217	12.5	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.74	0.224	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.868	0.246	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Sodium, Total	67.3	J	mg/kg	174	2.73	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.74	0.273	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Vanadium, Total	20.4		mg/kg	0.868	0.176	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB
Zinc, Total	88.0		mg/kg	4.34	0.254	2	06/11/18 19:41	06/12/18 00:28	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-04

Date Collected: 06/04/18 09:45

Client ID: SB-4A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	9.56	2.58	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.78	0.363	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Arsenic, Total	2.21		mg/kg	0.956	0.199	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Barium, Total	58.4		mg/kg	0.956	0.166	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Beryllium, Total	0.516		mg/kg	0.478	0.032	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Cadmium, Total	0.545	J	mg/kg	0.956	0.094	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Calcium, Total	971		mg/kg	9.56	3.34	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Chromium, Total	24.5		mg/kg	0.956	0.092	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Cobalt, Total	10.6		mg/kg	1.91	0.159	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Copper, Total	21.9		mg/kg	0.956	0.247	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Iron, Total	22900		mg/kg	4.78	0.863	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Lead, Total	7.55		mg/kg	4.78	0.256	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Magnesium, Total	3550		mg/kg	9.56	1.47	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Manganese, Total	616		mg/kg	0.956	0.152	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.080	0.017	1	06/12/18 08:30	06/12/18 11:39	EPA 7471B	1,7471B	BV
Nickel, Total	16.0		mg/kg	2.39	0.231	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Potassium, Total	1940		mg/kg	239	13.8	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.91	0.247	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.956	0.270	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Sodium, Total	71.9	J	mg/kg	191	3.01	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.91	0.301	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Vanadium, Total	36.8		mg/kg	0.956	0.194	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB
Zinc, Total	45.9		mg/kg	4.78	0.280	2	06/11/18 19:41	06/12/18 00:50	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-05

Date Collected: 06/05/18 11:40

Client ID: SB-5A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	4260		mg/kg	9.93	2.68	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Antimony, Total	2.20	J	mg/kg	4.96	0.377	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Arsenic, Total	8.97		mg/kg	0.993	0.206	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Barium, Total	992		mg/kg	0.993	0.173	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Beryllium, Total	0.208	J	mg/kg	0.496	0.033	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Cadmium, Total	1.44		mg/kg	0.993	0.097	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Calcium, Total	13600		mg/kg	9.93	3.48	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Chromium, Total	38.1		mg/kg	0.993	0.095	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Cobalt, Total	4.38		mg/kg	1.99	0.165	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Copper, Total	107		mg/kg	0.993	0.256	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Iron, Total	12200		mg/kg	4.96	0.897	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Lead, Total	1040		mg/kg	4.96	0.266	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Magnesium, Total	2370		mg/kg	9.93	1.53	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Manganese, Total	158		mg/kg	0.993	0.158	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Mercury, Total	2.06		mg/kg	0.080	0.017	1	06/12/18 08:30	06/12/18 11:41	EPA 7471B	1,7471B	BV
Nickel, Total	13.4		mg/kg	2.48	0.240	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Potassium, Total	482		mg/kg	248	14.3	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.99	0.256	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Silver, Total	0.467	J	mg/kg	0.993	0.281	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Sodium, Total	148	J	mg/kg	199	3.13	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.99	0.313	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Vanadium, Total	22.1		mg/kg	0.993	0.202	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB
Zinc, Total	1020		mg/kg	4.96	0.291	2	06/11/18 19:41	06/12/18 00:55	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-06

Date Collected: 06/05/18 14:00

Client ID: SB-6A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4480		mg/kg	8.44	2.28	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.22	0.321	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Arsenic, Total	2.31		mg/kg	0.844	0.175	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Barium, Total	23.6		mg/kg	0.844	0.147	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Beryllium, Total	0.270	J	mg/kg	0.422	0.028	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Cadmium, Total	0.396	J	mg/kg	0.844	0.083	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Calcium, Total	1640		mg/kg	8.44	2.95	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Chromium, Total	12.2		mg/kg	0.844	0.081	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Cobalt, Total	4.45		mg/kg	1.69	0.140	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Copper, Total	12.9		mg/kg	0.844	0.218	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Iron, Total	14400		mg/kg	4.22	0.762	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Lead, Total	15.1		mg/kg	4.22	0.226	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Magnesium, Total	1780		mg/kg	8.44	1.30	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Manganese, Total	171		mg/kg	0.844	0.134	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Mercury, Total	0.141		mg/kg	0.070	0.015	1	06/12/18 08:30	06/12/18 11:43	EPA 7471B	1,7471B	BV
Nickel, Total	9.93		mg/kg	2.11	0.204	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Potassium, Total	626		mg/kg	211	12.1	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.844	0.239	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Sodium, Total	132	J	mg/kg	169	2.66	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Vanadium, Total	15.9		mg/kg	0.844	0.171	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB
Zinc, Total	38.7		mg/kg	4.22	0.247	2	06/11/18 19:41	06/12/18 01:00	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-07

Date Collected: 06/04/18 12:10

Client ID: SB-7A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7590		mg/kg	8.89	2.40	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.44	0.338	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Arsenic, Total	1.77		mg/kg	0.889	0.185	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Barium, Total	38.2		mg/kg	0.889	0.155	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Beryllium, Total	0.346	J	mg/kg	0.444	0.029	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Cadmium, Total	0.418	J	mg/kg	0.889	0.087	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Calcium, Total	654		mg/kg	8.89	3.11	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Chromium, Total	18.0		mg/kg	0.889	0.085	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Cobalt, Total	7.49		mg/kg	1.78	0.148	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Copper, Total	14.3		mg/kg	0.889	0.229	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Iron, Total	17500		mg/kg	4.44	0.802	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Lead, Total	6.06		mg/kg	4.44	0.238	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Magnesium, Total	2090		mg/kg	8.89	1.37	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Manganese, Total	401		mg/kg	0.889	0.141	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Mercury, Total	0.023	J	mg/kg	0.073	0.016	1	06/12/18 08:30	06/12/18 11:45	EPA 7471B	1,7471B	BV
Nickel, Total	13.4		mg/kg	2.22	0.215	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Potassium, Total	1310		mg/kg	222	12.8	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.889	0.251	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Sodium, Total	81.5	J	mg/kg	178	2.80	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.78	0.280	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Vanadium, Total	26.0		mg/kg	0.889	0.180	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB
Zinc, Total	28.3		mg/kg	4.44	0.260	2	06/11/18 19:41	06/12/18 01:04	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-08

Date Collected: 06/05/18 12:25

Client ID: SB-8A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6220		mg/kg	8.56	2.31	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.28	0.325	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Arsenic, Total	1.76		mg/kg	0.856	0.178	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Barium, Total	55.0		mg/kg	0.856	0.149	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Beryllium, Total	0.394	J	mg/kg	0.428	0.028	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Cadmium, Total	0.428	J	mg/kg	0.856	0.084	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Calcium, Total	357		mg/kg	8.56	3.00	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Chromium, Total	13.0		mg/kg	0.856	0.082	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Cobalt, Total	6.43		mg/kg	1.71	0.142	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Copper, Total	15.7		mg/kg	0.856	0.221	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Iron, Total	18200		mg/kg	4.28	0.773	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Lead, Total	5.42		mg/kg	4.28	0.229	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Magnesium, Total	1650		mg/kg	8.56	1.32	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Manganese, Total	198		mg/kg	0.856	0.136	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.068	0.014	1	06/12/18 08:30	06/12/18 11:47	EPA 7471B	1,7471B	BV
Nickel, Total	10.3		mg/kg	2.14	0.207	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Potassium, Total	1170		mg/kg	214	12.3	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.856	0.242	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Sodium, Total	61.2	J	mg/kg	171	2.70	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.71	0.270	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Vanadium, Total	23.8		mg/kg	0.856	0.174	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB
Zinc, Total	30.4		mg/kg	4.28	0.251	2	06/11/18 19:41	06/12/18 01:08	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-09

Date Collected: 06/04/18 13:50

Client ID: SB-1B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3020		mg/kg	9.04	2.44	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.52	0.343	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Arsenic, Total	2.35		mg/kg	0.904	0.188	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Barium, Total	25.8		mg/kg	0.904	0.157	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Beryllium, Total	0.443	J	mg/kg	0.452	0.030	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Cadmium, Total	0.271	J	mg/kg	0.904	0.089	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Calcium, Total	1360		mg/kg	9.04	3.16	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Chromium, Total	9.93		mg/kg	0.904	0.087	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Cobalt, Total	4.94		mg/kg	1.81	0.150	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Copper, Total	18.1		mg/kg	0.904	0.233	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Iron, Total	10200		mg/kg	4.52	0.816	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Lead, Total	26.1		mg/kg	4.52	0.242	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Magnesium, Total	1390		mg/kg	9.04	1.39	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Manganese, Total	276		mg/kg	0.904	0.144	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.072	0.015	1	06/12/18 08:30	06/12/18 11:49	EPA 7471B	1,7471B	BV
Nickel, Total	8.04		mg/kg	2.26	0.219	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Potassium, Total	592		mg/kg	226	13.0	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.904	0.256	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Sodium, Total	101	J	mg/kg	181	2.85	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.81	0.285	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Vanadium, Total	14.8		mg/kg	0.904	0.183	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB
Zinc, Total	123		mg/kg	4.52	0.265	2	06/11/18 19:41	06/12/18 01:13	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-10

Date Collected: 06/05/18 15:15

Client ID: SB-2B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3130		mg/kg	8.60	2.32	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.30	0.327	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Arsenic, Total	2.56		mg/kg	0.860	0.179	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Barium, Total	21.0		mg/kg	0.860	0.150	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Beryllium, Total	0.215	J	mg/kg	0.430	0.028	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Cadmium, Total	0.258	J	mg/kg	0.860	0.084	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Calcium, Total	2650		mg/kg	8.60	3.01	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Chromium, Total	30.5		mg/kg	0.860	0.083	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Cobalt, Total	3.34		mg/kg	1.72	0.143	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Copper, Total	12.6		mg/kg	0.860	0.222	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Iron, Total	11200		mg/kg	4.30	0.777	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Lead, Total	3.82	J	mg/kg	4.30	0.230	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Magnesium, Total	1590		mg/kg	8.60	1.32	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Manganese, Total	180		mg/kg	0.860	0.137	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 11:50	EPA 7471B	1,7471B	BV
Nickel, Total	8.01		mg/kg	2.15	0.208	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Potassium, Total	687		mg/kg	215	12.4	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.860	0.243	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Sodium, Total	115	J	mg/kg	172	2.71	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Vanadium, Total	13.9		mg/kg	0.860	0.175	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB
Zinc, Total	16.6		mg/kg	4.30	0.252	2	06/11/18 19:41	06/12/18 01:17	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-11

Date Collected: 06/05/18 11:10

Client ID: SB-3B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5370		mg/kg	8.47	2.29	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.24	0.322	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Arsenic, Total	2.11		mg/kg	0.847	0.176	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Barium, Total	42.2		mg/kg	0.847	0.147	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Beryllium, Total	0.356	J	mg/kg	0.424	0.028	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Cadmium, Total	0.441	J	mg/kg	0.847	0.083	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Calcium, Total	963		mg/kg	8.47	2.96	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Chromium, Total	14.0		mg/kg	0.847	0.081	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Cobalt, Total	7.68		mg/kg	1.69	0.141	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Copper, Total	16.3		mg/kg	0.847	0.219	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Iron, Total	17600		mg/kg	4.24	0.765	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Lead, Total	6.01		mg/kg	4.24	0.227	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Magnesium, Total	1810		mg/kg	8.47	1.30	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Manganese, Total	653		mg/kg	0.847	0.135	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 11:56	EPA 7471B	1,7471B	BV
Nickel, Total	12.1		mg/kg	2.12	0.205	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Potassium, Total	1280		mg/kg	212	12.2	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.69	0.219	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.847	0.240	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Sodium, Total	88.5	J	mg/kg	169	2.67	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.69	0.267	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Vanadium, Total	24.8		mg/kg	0.847	0.172	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB
Zinc, Total	33.0		mg/kg	4.24	0.248	2	06/11/18 19:41	06/12/18 01:22	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-12

Date Collected: 06/04/18 10:10

Client ID: SB-4B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	6720		mg/kg	8.64	2.33	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.32	0.328	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Arsenic, Total	1.82		mg/kg	0.864	0.180	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Barium, Total	45.9		mg/kg	0.864	0.150	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Beryllium, Total	0.311	J	mg/kg	0.432	0.029	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Cadmium, Total	0.441	J	mg/kg	0.864	0.085	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Calcium, Total	967		mg/kg	8.64	3.02	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Chromium, Total	20.5		mg/kg	0.864	0.083	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Cobalt, Total	7.11		mg/kg	1.73	0.143	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Copper, Total	18.9		mg/kg	0.864	0.223	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Iron, Total	18400		mg/kg	4.32	0.780	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Lead, Total	5.47		mg/kg	4.32	0.232	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Magnesium, Total	2690		mg/kg	8.64	1.33	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Manganese, Total	297		mg/kg	0.864	0.137	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Mercury, Total	0.022	J	mg/kg	0.070	0.015	1	06/12/18 08:30	06/12/18 11:58	EPA 7471B	1,7471B	BV
Nickel, Total	13.8		mg/kg	2.16	0.209	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Potassium, Total	1490		mg/kg	216	12.4	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.864	0.245	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Sodium, Total	96.6	J	mg/kg	173	2.72	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Vanadium, Total	25.1		mg/kg	0.864	0.175	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB
Zinc, Total	26.0		mg/kg	4.32	0.253	2	06/11/18 19:41	06/12/18 01:45	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-13

Date Collected: 06/05/18 11:50

Client ID: SB-5B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6280		mg/kg	8.78	2.37	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.39	0.334	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Arsenic, Total	1.84		mg/kg	0.878	0.182	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Barium, Total	45.1		mg/kg	0.878	0.153	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Beryllium, Total	0.386	J	mg/kg	0.439	0.029	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Cadmium, Total	0.492	J	mg/kg	0.878	0.086	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Calcium, Total	2000		mg/kg	8.78	3.07	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Chromium, Total	17.8		mg/kg	0.878	0.084	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Cobalt, Total	7.65		mg/kg	1.76	0.146	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Copper, Total	17.2		mg/kg	0.878	0.226	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Iron, Total	20400		mg/kg	4.39	0.793	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Lead, Total	8.07		mg/kg	4.39	0.235	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Magnesium, Total	2070		mg/kg	8.78	1.35	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Manganese, Total	330		mg/kg	0.878	0.140	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Mercury, Total	0.020	J	mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 11:59	EPA 7471B	1,7471B	BV
Nickel, Total	11.6		mg/kg	2.19	0.212	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Potassium, Total	1310		mg/kg	219	12.6	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.76	0.226	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.878	0.248	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Sodium, Total	79.8	J	mg/kg	176	2.76	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.76	0.276	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Vanadium, Total	28.8		mg/kg	0.878	0.178	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB
Zinc, Total	36.1		mg/kg	4.39	0.257	2	06/11/18 19:41	06/12/18 01:49	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-14

Date Collected: 06/05/18 14:10

Client ID: SB-6B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3880		mg/kg	8.42	2.27	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.21	0.320	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Arsenic, Total	1.76		mg/kg	0.842	0.175	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Barium, Total	26.3		mg/kg	0.842	0.146	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Beryllium, Total	0.236	J	mg/kg	0.421	0.028	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Cadmium, Total	0.312	J	mg/kg	0.842	0.083	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Calcium, Total	628		mg/kg	8.42	2.95	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Chromium, Total	11.7		mg/kg	0.842	0.081	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Cobalt, Total	4.49		mg/kg	1.68	0.140	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Copper, Total	12.6		mg/kg	0.842	0.217	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Iron, Total	13200		mg/kg	4.21	0.760	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Lead, Total	3.22	J	mg/kg	4.21	0.226	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Magnesium, Total	1420		mg/kg	8.42	1.30	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Manganese, Total	207		mg/kg	0.842	0.134	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 12:01	EPA 7471B	1,7471B	BV
Nickel, Total	8.87		mg/kg	2.10	0.204	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Potassium, Total	534		mg/kg	210	12.1	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.842	0.238	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Sodium, Total	97.8	J	mg/kg	168	2.65	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.68	0.265	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Vanadium, Total	17.4		mg/kg	0.842	0.171	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB
Zinc, Total	16.1		mg/kg	4.21	0.247	2	06/11/18 19:41	06/12/18 01:54	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-15

Date Collected: 06/04/18 12:15

Client ID: SB-7B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4840		mg/kg	9.15	2.47	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.57	0.348	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Arsenic, Total	1.67		mg/kg	0.915	0.190	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Barium, Total	47.4		mg/kg	0.915	0.159	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Beryllium, Total	0.284	J	mg/kg	0.457	0.030	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Cadmium, Total	0.320	J	mg/kg	0.915	0.090	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Calcium, Total	1040		mg/kg	9.15	3.20	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Chromium, Total	13.7		mg/kg	0.915	0.088	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Cobalt, Total	6.38		mg/kg	1.83	0.152	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Copper, Total	21.9		mg/kg	0.915	0.236	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Iron, Total	12500		mg/kg	4.57	0.826	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Lead, Total	7.67		mg/kg	4.57	0.245	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Magnesium, Total	2250		mg/kg	9.15	1.41	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Manganese, Total	224		mg/kg	0.915	0.145	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Mercury, Total	0.018	J	mg/kg	0.074	0.016	1	06/12/18 08:30	06/12/18 12:03	EPA 7471B	1,7471B	BV
Nickel, Total	12.8		mg/kg	2.29	0.221	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Potassium, Total	1580		mg/kg	229	13.2	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.83	0.236	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.915	0.259	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Sodium, Total	124	J	mg/kg	183	2.88	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.83	0.288	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Vanadium, Total	23.0		mg/kg	0.915	0.186	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB
Zinc, Total	26.0		mg/kg	4.57	0.268	2	06/11/18 19:41	06/12/18 01:58	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-16

Date Collected: 06/05/18 12:30

Client ID: SB-8B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	4270		mg/kg	8.94	2.41	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.47	0.340	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Arsenic, Total	1.53		mg/kg	0.894	0.186	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Barium, Total	34.3		mg/kg	0.894	0.156	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Beryllium, Total	0.384	J	mg/kg	0.447	0.030	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Cadmium, Total	0.474	J	mg/kg	0.894	0.088	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Calcium, Total	1220		mg/kg	8.94	3.13	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Chromium, Total	12.2		mg/kg	0.894	0.086	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Cobalt, Total	6.30		mg/kg	1.79	0.148	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Copper, Total	16.4		mg/kg	0.894	0.231	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Iron, Total	13400		mg/kg	4.47	0.808	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Lead, Total	11.7		mg/kg	4.47	0.240	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Magnesium, Total	2480		mg/kg	8.94	1.38	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Manganese, Total	909		mg/kg	0.894	0.142	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.071	0.015	1	06/12/18 08:30	06/12/18 12:05	EPA 7471B	1,7471B	BV
Nickel, Total	10.6		mg/kg	2.24	0.216	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Potassium, Total	917		mg/kg	224	12.9	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.894	0.253	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Sodium, Total	126	J	mg/kg	179	2.82	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Thallium, Total	0.474	J	mg/kg	1.79	0.282	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Vanadium, Total	25.3		mg/kg	0.894	0.182	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB
Zinc, Total	24.8		mg/kg	4.47	0.262	2	06/11/18 19:41	06/12/18 02:03	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-17

Date Collected: 06/04/18 07:33

Client ID: DUP-1

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5270		mg/kg	8.48	2.29	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.24	0.322	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Arsenic, Total	2.70		mg/kg	0.848	0.176	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Barium, Total	39.2		mg/kg	0.848	0.148	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Beryllium, Total	0.297	J	mg/kg	0.424	0.028	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Cadmium, Total	0.416	J	mg/kg	0.848	0.083	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Calcium, Total	1260		mg/kg	8.48	2.97	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Chromium, Total	11.2		mg/kg	0.848	0.082	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Cobalt, Total	4.84		mg/kg	1.70	0.141	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Copper, Total	29.3		mg/kg	0.848	0.219	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Iron, Total	15200		mg/kg	4.24	0.766	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Lead, Total	128		mg/kg	4.24	0.227	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Magnesium, Total	1760		mg/kg	8.48	1.31	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Manganese, Total	263		mg/kg	0.848	0.135	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Mercury, Total	0.717		mg/kg	0.068	0.014	1	06/12/18 08:30	06/12/18 12:07	EPA 7471B	1,7471B	BV
Nickel, Total	10.4		mg/kg	2.12	0.205	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Potassium, Total	615		mg/kg	212	12.2	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.70	0.219	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.848	0.240	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Sodium, Total	49.1	J	mg/kg	170	2.67	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.70	0.267	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Vanadium, Total	18.6		mg/kg	0.848	0.172	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB
Zinc, Total	43.5		mg/kg	4.24	0.249	2	06/11/18 19:41	06/12/18 02:07	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-18

Date Collected: 06/04/18 07:54

Client ID: DUP-2

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6840		mg/kg	8.51	2.30	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Antimony, Total	0.689	J	mg/kg	4.26	0.323	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Arsenic, Total	4.71		mg/kg	0.851	0.177	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Barium, Total	63.9		mg/kg	0.851	0.148	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Beryllium, Total	0.357	J	mg/kg	0.426	0.028	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Cadmium, Total	0.545	J	mg/kg	0.851	0.083	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Calcium, Total	2000		mg/kg	8.51	2.98	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Chromium, Total	15.8		mg/kg	0.851	0.082	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Cobalt, Total	6.33		mg/kg	1.70	0.141	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Copper, Total	38.2		mg/kg	0.851	0.220	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Iron, Total	17800		mg/kg	4.26	0.768	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Lead, Total	154		mg/kg	4.26	0.228	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Magnesium, Total	1990		mg/kg	8.51	1.31	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Manganese, Total	301		mg/kg	0.851	0.135	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Mercury, Total	1.35		mg/kg	0.070	0.015	1	06/12/18 08:30	06/12/18 12:08	EPA 7471B	1,7471B	BV
Nickel, Total	11.3		mg/kg	2.13	0.206	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Potassium, Total	937		mg/kg	213	12.2	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.70	0.220	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.851	0.241	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Sodium, Total	128	J	mg/kg	170	2.68	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.70	0.268	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Vanadium, Total	23.3		mg/kg	0.851	0.173	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB
Zinc, Total	154		mg/kg	4.26	0.249	2	06/11/18 19:41	06/12/18 02:12	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-19

Date Collected: 06/05/18 16:00

Client ID: MW-A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	2.94		mg/l	0.0100	0.00327	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Antimony, Total	0.00220	J	mg/l	0.00400	0.00042	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00250		mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Barium, Total	0.1649		mg/l	0.00050	0.00017	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00036	J	mg/l	0.00050	0.00010	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00031		mg/l	0.00020	0.00005	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Calcium, Total	45.6		mg/l	0.100	0.0394	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Chromium, Total	0.00762		mg/l	0.00100	0.00017	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00775		mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Copper, Total	0.01478		mg/l	0.00100	0.00038	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Iron, Total	8.84		mg/l	0.0500	0.0191	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Lead, Total	0.01228		mg/l	0.00100	0.00034	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Magnesium, Total	10.6		mg/l	0.0700	0.0242	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Manganese, Total	4.741		mg/l	0.00100	0.00044	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Mercury, Total	0.00010	J	mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 16:48	EPA 7470A	1,7470A	EA
Nickel, Total	0.01211		mg/l	0.00200	0.00055	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Potassium, Total	7.04		mg/l	0.100	0.0309	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Selenium, Total	0.00184	J	mg/l	0.00500	0.00173	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Silver, Total	0.00025	J	mg/l	0.00040	0.00016	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Sodium, Total	66.1		mg/l	0.100	0.0293	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Thallium, Total	0.00021	J	mg/l	0.00050	0.00014	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Vanadium, Total	0.01000		mg/l	0.00500	0.00157	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Zinc, Total	0.01968		mg/l	0.01000	0.00341	1	06/11/18 15:40	06/12/18 11:24	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1258		mg/l	0.00050	0.00017	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-19

Date Collected: 06/05/18 16:00

Client ID: MW-A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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
Cadmium, Dissolved	0.00014	J	mg/l	0.00020	0.00005	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Calcium, Dissolved	48.2		mg/l	0.100	0.0394	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00355		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00075	J	mg/l	0.00100	0.00038	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	9.88		mg/l	0.0700	0.0242	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Manganese, Dissolved	4.710		mg/l	0.00100	0.00044	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 17:22	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00426		mg/l	0.00200	0.00055	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Potassium, Dissolved	6.75		mg/l	0.100	0.0309	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Sodium, Dissolved	68.7		mg/l	0.100	0.0293	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00378	J	mg/l	0.01000	0.00341	1	06/11/18 13:05	06/12/18 10:24	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-20

Date Collected: 06/05/18 13:30

Client ID: MW-B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	0.132		mg/l	0.0100	0.00327	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Antimony, Total	0.00332	J	mg/l	0.00400	0.00042	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00029	J	mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Barium, Total	0.1233		mg/l	0.00050	0.00017	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00038		mg/l	0.00020	0.00005	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Calcium, Total	88.9		mg/l	0.100	0.0394	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Chromium, Total	0.00077	J	mg/l	0.00100	0.00017	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00654		mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Copper, Total	0.00118		mg/l	0.00100	0.00038	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Iron, Total	1.26		mg/l	0.0500	0.0191	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Lead, Total	0.00070	J	mg/l	0.00100	0.00034	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Magnesium, Total	15.2		mg/l	0.0700	0.0242	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Manganese, Total	6.621		mg/l	0.00100	0.00044	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 16:43	EPA 7470A	1,7470A	EA
Nickel, Total	0.01847		mg/l	0.00200	0.00055	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Potassium, Total	8.18		mg/l	0.100	0.0309	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Silver, Total	0.00018	J	mg/l	0.00040	0.00016	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Sodium, Total	28.7		mg/l	0.100	0.0293	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Zinc, Total	0.03706		mg/l	0.01000	0.00341	1	06/11/18 15:40	06/12/18 11:09	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00375	J	mg/l	0.00400	0.00042	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1251		mg/l	0.00050	0.00017	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-20

Date Collected: 06/05/18 13:30

Client ID: MW-B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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
Cadmium, Dissolved	0.00042		mg/l	0.00020	0.00005	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Calcium, Dissolved	95.6		mg/l	0.100	0.0394	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00718		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00047	J	mg/l	0.00100	0.00038	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.252		mg/l	0.0500	0.0191	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	16.5		mg/l	0.0700	0.0242	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Manganese, Dissolved	7.088		mg/l	0.00100	0.00044	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 17:09	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.01912		mg/l	0.00200	0.00055	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Potassium, Dissolved	8.87		mg/l	0.100	0.0309	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Silver, Dissolved	0.00030	J	mg/l	0.00040	0.00016	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Sodium, Dissolved	33.3		mg/l	0.100	0.0293	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.04118		mg/l	0.01000	0.00341	1	06/11/18 13:05	06/12/18 09:32	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21

Date Collected: 06/05/18 10:00

Client ID: MW-C

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	0.321		mg/l	0.0100	0.00327	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Antimony, Total	0.00077	J	mg/l	0.00400	0.00042	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00038	J	mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Barium, Total	0.1265		mg/l	0.00050	0.00017	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00016	J	mg/l	0.00020	0.00005	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Calcium, Total	92.7		mg/l	0.100	0.0394	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Chromium, Total	0.00114		mg/l	0.00100	0.00017	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00360		mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Copper, Total	0.00294		mg/l	0.00100	0.00038	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Iron, Total	0.712		mg/l	0.0500	0.0191	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Lead, Total	0.00838		mg/l	0.00100	0.00034	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Magnesium, Total	22.9		mg/l	0.0700	0.0242	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Manganese, Total	1.302		mg/l	0.00100	0.00044	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 16:50	EPA 7470A	1,7470A	EA
Nickel, Total	0.00795		mg/l	0.00200	0.00055	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Potassium, Total	8.61		mg/l	0.100	0.0309	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Selenium, Total	0.00400	J	mg/l	0.00500	0.00173	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Sodium, Total	39.1		mg/l	0.100	0.0293	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Zinc, Total	0.00658	J	mg/l	0.01000	0.00341	1	06/11/18 15:40	06/12/18 11:28	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1198		mg/l	0.00050	0.00017	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-21

Date Collected: 06/05/18 10:00

Client ID: MW-C

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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
Cadmium, Dissolved	0.00015	J	mg/l	0.00020	0.00005	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Calcium, Dissolved	91.9		mg/l	0.100	0.0394	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00022	J	mg/l	0.00100	0.00017	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00344		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00072	J	mg/l	0.00100	0.00038	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.0199	J	mg/l	0.0500	0.0191	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	22.6		mg/l	0.0700	0.0242	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.9082		mg/l	0.00100	0.00044	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 17:28	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00724		mg/l	0.00200	0.00055	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Potassium, Dissolved	8.56		mg/l	0.100	0.0309	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00426	J	mg/l	0.00500	0.00173	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Sodium, Dissolved	37.2		mg/l	0.100	0.0293	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/11/18 13:05	06/12/18 10:28	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22

Date Collected: 06/05/18 11:50

Client ID: GW-DUP

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	0.888		mg/l	0.0100	0.00327	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Antimony, Total	0.00054	J	mg/l	0.00400	0.00042	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00075		mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Barium, Total	0.1345		mg/l	0.00050	0.00017	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00013	J	mg/l	0.00020	0.00005	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Calcium, Total	94.6		mg/l	0.100	0.0394	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Chromium, Total	0.00259		mg/l	0.00100	0.00017	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00347		mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Copper, Total	0.00548		mg/l	0.00100	0.00038	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Iron, Total	1.97		mg/l	0.0500	0.0191	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Lead, Total	0.01009		mg/l	0.00100	0.00034	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Magnesium, Total	23.6		mg/l	0.0700	0.0242	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Manganese, Total	0.8666		mg/l	0.00100	0.00044	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 16:51	EPA 7470A	1,7470A	EA
Nickel, Total	0.00893		mg/l	0.00200	0.00055	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Potassium, Total	8.73		mg/l	0.100	0.0309	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Selenium, Total	0.00435	J	mg/l	0.00500	0.00173	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Sodium, Total	39.3		mg/l	0.100	0.0293	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00272	J	mg/l	0.00500	0.00157	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Zinc, Total	0.00930	J	mg/l	0.01000	0.00341	1	06/11/18 15:40	06/12/18 11:32	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1226		mg/l	0.00050	0.00017	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-22

Date Collected: 06/05/18 11:50

Client ID: GW-DUP

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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
Cadmium, Dissolved	0.00012	J	mg/l	0.00020	0.00005	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Calcium, Dissolved	96.4		mg/l	0.100	0.0394	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00019	J	mg/l	0.00100	0.00017	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00262		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00063	J	mg/l	0.00100	0.00038	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.0223	J	mg/l	0.0500	0.0191	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	23.8		mg/l	0.0700	0.0242	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.7506		mg/l	0.00100	0.00044	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 17:30	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00629		mg/l	0.00200	0.00055	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Potassium, Dissolved	8.82		mg/l	0.100	0.0309	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00452	J	mg/l	0.00500	0.00173	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Sodium, Dissolved	39.7		mg/l	0.100	0.0293	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/11/18 13:05	06/12/18 10:32	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-29

Date Collected: 06/04/18 08:30

Client ID: SS-1A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6260		mg/kg	8.34	2.25	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.17	0.317	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Arsenic, Total	4.10		mg/kg	0.834	0.174	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Barium, Total	193		mg/kg	0.834	0.145	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Beryllium, Total	0.367	J	mg/kg	0.417	0.028	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Cadmium, Total	0.467	J	mg/kg	0.834	0.082	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Calcium, Total	2730		mg/kg	8.34	2.92	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Chromium, Total	13.2		mg/kg	0.834	0.080	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Cobalt, Total	5.83		mg/kg	1.67	0.138	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Copper, Total	93.1		mg/kg	0.834	0.215	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Iron, Total	16500		mg/kg	4.17	0.753	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Lead, Total	564		mg/kg	4.17	0.224	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Magnesium, Total	1800		mg/kg	8.34	1.28	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Manganese, Total	327		mg/kg	0.834	0.133	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Mercury, Total	2.29		mg/kg	0.071	0.015	1	06/12/18 08:30	06/12/18 12:10	EPA 7471B	1,7471B	BV
Nickel, Total	11.2		mg/kg	2.08	0.202	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Potassium, Total	744		mg/kg	208	12.0	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.67	0.215	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.834	0.236	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Sodium, Total	55.9	J	mg/kg	167	2.63	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.67	0.263	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Vanadium, Total	22.6		mg/kg	0.834	0.169	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB
Zinc, Total	94.5		mg/kg	4.17	0.244	2	06/11/18 19:41	06/12/18 02:16	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-30

Date Collected: 06/04/18 09:08

Client ID: SS-2A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8980		mg/kg	9.51	2.57	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.76	0.361	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Arsenic, Total	3.29		mg/kg	0.951	0.198	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Barium, Total	51.4		mg/kg	0.951	0.166	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Beryllium, Total	0.276	J	mg/kg	0.476	0.031	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.951	0.093	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Calcium, Total	1970		mg/kg	9.51	3.33	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Chromium, Total	27.3		mg/kg	0.951	0.091	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Cobalt, Total	9.40		mg/kg	1.90	0.158	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Copper, Total	28.4		mg/kg	0.951	0.245	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Iron, Total	18600		mg/kg	4.76	0.859	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Lead, Total	58.5		mg/kg	4.76	0.255	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Magnesium, Total	2480		mg/kg	9.51	1.46	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Manganese, Total	341		mg/kg	0.951	0.151	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Mercury, Total	0.366		mg/kg	0.077	0.016	1	06/12/18 08:30	06/12/18 10:59	EPA 7471B	1,7471B	BV
Nickel, Total	14.1		mg/kg	2.38	0.230	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Potassium, Total	1390		mg/kg	238	13.7	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Selenium, Total	0.409	J	mg/kg	1.90	0.245	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.951	0.269	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Sodium, Total	63.6	J	mg/kg	190	3.00	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.90	0.300	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Vanadium, Total	28.8		mg/kg	0.951	0.193	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC
Zinc, Total	51.8		mg/kg	4.76	0.279	2	06/11/18 20:00	06/12/18 09:07	EPA 3050B	1,6010C	LC



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-31

Date Collected: 06/04/18 09:45

Client ID: SS-3A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4680		mg/kg	8.75	2.36	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Antimony, Total	0.367	J	mg/kg	4.37	0.332	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Arsenic, Total	4.46		mg/kg	0.875	0.182	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Barium, Total	234		mg/kg	0.875	0.152	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Beryllium, Total	0.254	J	mg/kg	0.437	0.029	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.875	0.086	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Calcium, Total	3290		mg/kg	8.75	3.06	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Chromium, Total	11.7		mg/kg	0.875	0.084	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Cobalt, Total	4.62		mg/kg	1.75	0.145	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Copper, Total	28.6		mg/kg	0.875	0.226	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Iron, Total	16000		mg/kg	4.37	0.790	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Lead, Total	260		mg/kg	4.37	0.234	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Magnesium, Total	1450		mg/kg	8.75	1.35	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Manganese, Total	315		mg/kg	0.875	0.139	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Mercury, Total	1.14		mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 11:00	EPA 7471B	1,7471B	BV
Nickel, Total	10.9		mg/kg	2.19	0.212	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Potassium, Total	666		mg/kg	219	12.6	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Selenium, Total	0.560	J	mg/kg	1.75	0.226	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.875	0.248	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Sodium, Total	77.4	J	mg/kg	175	2.76	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.75	0.276	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Vanadium, Total	20.5		mg/kg	0.875	0.178	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC
Zinc, Total	158		mg/kg	4.37	0.256	2	06/11/18 20:00	06/12/18 09:11	EPA 3050B	1,6010C	LC



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-32

Date Collected: 06/04/18 10:20

Client ID: SS-4A

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5710		mg/kg	9.07	2.45	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Antimony, Total	1.40	J	mg/kg	4.53	0.344	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Arsenic, Total	5.83		mg/kg	0.907	0.188	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Barium, Total	249		mg/kg	0.907	0.158	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Beryllium, Total	0.208	J	mg/kg	0.453	0.030	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.907	0.089	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Calcium, Total	30300		mg/kg	9.07	3.17	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Chromium, Total	23.0		mg/kg	0.907	0.087	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Cobalt, Total	5.05		mg/kg	1.81	0.150	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Copper, Total	69.3		mg/kg	0.907	0.234	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Iron, Total	14200		mg/kg	4.53	0.819	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Lead, Total	602		mg/kg	4.53	0.243	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Magnesium, Total	5560		mg/kg	9.07	1.40	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Manganese, Total	242		mg/kg	0.907	0.144	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Mercury, Total	2.15		mg/kg	0.073	0.015	1	06/12/18 08:30	06/12/18 11:02	EPA 7471B	1,7471B	BV
Nickel, Total	9.96		mg/kg	2.27	0.219	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Potassium, Total	1080		mg/kg	227	13.0	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Selenium, Total	0.771	J	mg/kg	1.81	0.234	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Silver, Total	0.326	J	mg/kg	0.907	0.256	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Sodium, Total	250		mg/kg	181	2.86	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.81	0.286	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Vanadium, Total	20.0		mg/kg	0.907	0.184	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC
Zinc, Total	337		mg/kg	4.53	0.266	2	06/11/18 20:00	06/12/18 09:16	EPA 3050B	1,6010C	LC



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-33

Date Collected: 06/04/18 08:40

Client ID: SS-1B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	8.65	2.34	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Antimony, Total	0.606	J	mg/kg	4.33	0.329	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Arsenic, Total	8.52		mg/kg	0.865	0.180	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Barium, Total	94.2		mg/kg	0.865	0.150	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Beryllium, Total	0.346	J	mg/kg	0.433	0.029	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.865	0.085	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Calcium, Total	1720		mg/kg	8.65	3.03	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Chromium, Total	28.4		mg/kg	0.865	0.083	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Cobalt, Total	7.80		mg/kg	1.73	0.144	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Copper, Total	30.5		mg/kg	0.865	0.223	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Iron, Total	17300		mg/kg	4.33	0.781	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Lead, Total	77.0		mg/kg	4.33	0.232	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Magnesium, Total	2260		mg/kg	8.65	1.33	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Manganese, Total	432		mg/kg	0.865	0.138	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Mercury, Total	0.604		mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 11:04	EPA 7471B	1,7471B	BV
Nickel, Total	13.3		mg/kg	2.16	0.209	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Potassium, Total	1250		mg/kg	216	12.5	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Selenium, Total	0.407	J	mg/kg	1.73	0.223	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.865	0.245	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Sodium, Total	64.4	J	mg/kg	173	2.73	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.73	0.273	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Vanadium, Total	32.6		mg/kg	0.865	0.176	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC
Zinc, Total	68.8		mg/kg	4.33	0.254	2	06/11/18 20:00	06/12/18 11:14	EPA 3050B	1,6010C	LC



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-34

Date Collected: 06/04/18 09:20

Client ID: SS-2B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	9.02	2.43	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.51	0.342	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Arsenic, Total	3.76		mg/kg	0.902	0.188	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Barium, Total	107		mg/kg	0.902	0.157	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Beryllium, Total	0.388	J	mg/kg	0.451	0.030	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.902	0.088	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Calcium, Total	1530		mg/kg	9.02	3.16	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Chromium, Total	24.1		mg/kg	0.902	0.087	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Cobalt, Total	8.94		mg/kg	1.80	0.150	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Copper, Total	20.6		mg/kg	0.902	0.233	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Iron, Total	16600		mg/kg	4.51	0.814	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Lead, Total	43.2		mg/kg	4.51	0.242	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Magnesium, Total	2320		mg/kg	9.02	1.39	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Manganese, Total	438		mg/kg	0.902	0.143	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Mercury, Total	1.10		mg/kg	0.072	0.015	1	06/12/18 08:30	06/12/18 11:06	EPA 7471B	1,7471B	BV
Nickel, Total	12.7		mg/kg	2.25	0.218	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Potassium, Total	1340		mg/kg	225	13.0	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.80	0.233	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.902	0.255	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Sodium, Total	66.6	J	mg/kg	180	2.84	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.80	0.284	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Vanadium, Total	34.4		mg/kg	0.902	0.183	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC
Zinc, Total	46.5		mg/kg	4.51	0.264	2	06/11/18 20:00	06/12/18 11:18	EPA 3050B	1,6010C	LC



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-35

Date Collected: 06/04/18 09:55

Client ID: SS-3B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5720		mg/kg	8.60	2.32	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Antimony, Total	0.679	J	mg/kg	4.30	0.327	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Arsenic, Total	4.53		mg/kg	0.860	0.179	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Barium, Total	72.1		mg/kg	0.860	0.150	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Beryllium, Total	0.318	J	mg/kg	0.430	0.028	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Cadmium, Total	0.559	J	mg/kg	0.860	0.084	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Calcium, Total	1800		mg/kg	8.60	3.01	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Chromium, Total	12.5		mg/kg	0.860	0.083	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Cobalt, Total	10.4		mg/kg	1.72	0.143	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Copper, Total	21.6		mg/kg	0.860	0.222	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Iron, Total	15300		mg/kg	4.30	0.776	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Lead, Total	120		mg/kg	4.30	0.230	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Magnesium, Total	1720		mg/kg	8.60	1.32	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Manganese, Total	548		mg/kg	0.860	0.137	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Mercury, Total	0.609		mg/kg	0.069	0.015	1	06/12/18 08:30	06/12/18 11:19	EPA 7471B	1,7471B	BV
Nickel, Total	11.6		mg/kg	2.15	0.208	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Potassium, Total	752		mg/kg	215	12.4	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.860	0.243	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Sodium, Total	161	J	mg/kg	172	2.71	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Vanadium, Total	33.9		mg/kg	0.860	0.174	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB
Zinc, Total	155		mg/kg	4.30	0.252	2	06/11/18 19:41	06/11/18 23:57	EPA 3050B	1,6010C	AB



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-36

Date Collected: 06/04/18 10:40

Client ID: SS-4B

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5130		mg/kg	9.02	2.43	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Antimony, Total	0.875	J	mg/kg	4.51	0.343	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Arsenic, Total	5.17		mg/kg	0.902	0.188	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Barium, Total	225		mg/kg	0.902	0.157	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Beryllium, Total	0.207	J	mg/kg	0.451	0.030	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.902	0.088	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Calcium, Total	15500		mg/kg	9.02	3.16	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Chromium, Total	15.2		mg/kg	0.902	0.087	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Cobalt, Total	4.71		mg/kg	1.80	0.150	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Copper, Total	43.0		mg/kg	0.902	0.233	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Iron, Total	12500		mg/kg	4.51	0.814	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Lead, Total	443		mg/kg	4.51	0.242	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Magnesium, Total	2120		mg/kg	9.02	1.39	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Manganese, Total	226		mg/kg	0.902	0.143	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Mercury, Total	2.23		mg/kg	0.072	0.015	1	06/12/18 08:30	06/12/18 10:48	EPA 7471B	1,7471B	BV
Nickel, Total	9.15		mg/kg	2.25	0.218	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Potassium, Total	1030		mg/kg	225	13.0	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Selenium, Total	0.586	J	mg/kg	1.80	0.233	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.902	0.255	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Sodium, Total	196		mg/kg	180	2.84	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.80	0.284	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Vanadium, Total	19.0		mg/kg	0.902	0.183	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC
Zinc, Total	236		mg/kg	4.51	0.264	2	06/11/18 20:00	06/12/18 08:51	EPA 3050B	1,6010C	LC



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37

Date Collected: 06/05/18 08:30

Client ID: FIELD BLANK

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	0.0170		mg/l	0.0100	0.00327	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Antimony, Total	0.00125	J	mg/l	0.00400	0.00042	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Barium, Total	0.00063		mg/l	0.00050	0.00017	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Calcium, Total	1.64		mg/l	0.100	0.0394	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Chromium, Total	0.00034	J	mg/l	0.00100	0.00017	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Iron, Total	0.0354	J	mg/l	0.0500	0.0191	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Magnesium, Total	0.0282	J	mg/l	0.0700	0.0242	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Manganese, Total	0.00049	J	mg/l	0.00100	0.00044	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 16:53	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Potassium, Total	0.0337	J	mg/l	0.100	0.0309	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Silver, Total	0.00049	J	mg/l	0.00100	0.00016	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Sodium, Total	0.163	J	mg/l	0.200	0.0293	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Zinc, Total	0.00407	J	mg/l	0.01000	0.00341	1	06/09/18 11:10	06/11/18 17:51	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00739	J	mg/l	0.0100	0.00327	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.00051		mg/l	0.00050	0.00017	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-37

Date Collected: 06/05/18 08:30

Client ID: FIELD BLANK

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Calcium, Dissolved	0.723		mg/l	0.100	0.0394	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.00073	J	mg/l	0.00100	0.00044	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 15:37	06/11/18 17:44	EPA 7470A	1,7470A	EA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Potassium, Dissolved	0.0518	J	mg/l	0.100	0.0309	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Sodium, Dissolved	0.492		mg/l	0.100	0.0293	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/11/18 16:00	06/12/18 11:58	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-38

Date Collected: 06/05/18 09:10

Client ID: FIELD BLANK

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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	0.00609	J	mg/l	0.0100	0.00327	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Antimony, Total	0.00063	J	mg/l	0.00400	0.00042	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Barium, Total	0.00064		mg/l	0.00050	0.00017	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Calcium, Total	0.0627	J	mg/l	0.100	0.0394	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Chromium, Total	0.00031	J	mg/l	0.00100	0.00017	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Iron, Total	0.0294	J	mg/l	0.0500	0.0191	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 16:58	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Potassium, Total	0.0452	J	mg/l	0.100	0.0309	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00100	0.00016	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Sodium, Total	0.0583	J	mg/l	0.100	0.0293	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Zinc, Total	0.00843	J	mg/l	0.01000	0.00341	1	06/09/18 11:10	06/11/18 17:54	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.00051		mg/l	0.00050	0.00017	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**SAMPLE RESULTS**

Lab ID: L1820814-38

Date Collected: 06/05/18 09:10

Client ID: FIELD BLANK

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

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
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00060	J	mg/l	0.00100	0.00038	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 15:37	06/11/18 17:49	EPA 7470A	1,7470A	EA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/11/18 16:00	06/12/18 12:01	EPA 3005A	1,6020A	AM



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

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): 37-38 Batch: WG1124238-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Antimony, Total	0.00102	J	mg/l	0.00400	0.00042	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Chromium, Total	0.00032	J	mg/l	0.00100	0.00017	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Silver, Total	0.00050	J	mg/l	0.00100	0.00016	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Sodium, Total	ND		mg/l	0.200	0.0293	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/09/18 11:10	06/11/18 17:03	1,6020A	AM

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): 19-22 Batch: WG1124278-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Antimony, Total	0.00089	J	mg/l	0.00400	0.00042	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/l	0.00050	0.00010	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Calcium, Total	ND	mg/l	0.100	0.0394	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Chromium, Total	ND	mg/l	0.00100	0.00017	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Copper, Total	ND	mg/l	0.00100	0.00038	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Iron, Total	ND	mg/l	0.0500	0.0191	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Lead, Total	ND	mg/l	0.00100	0.00034	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Manganese, Total	ND	mg/l	0.00100	0.00044	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Nickel, Total	ND	mg/l	0.00200	0.00055	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Potassium, Total	ND	mg/l	0.100	0.0309	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Selenium, Total	ND	mg/l	0.00500	0.00173	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Silver, Total	0.00025 J	mg/l	0.00040	0.00016	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Sodium, Total	ND	mg/l	0.100	0.0293	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Thallium, Total	ND	mg/l	0.00050	0.00014	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM
Zinc, Total	ND	mg/l	0.01000	0.00341	1	06/11/18 15:40	06/12/18 11:01	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 19-22 Batch: WG1124627-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 17:05	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 19-22,37-38 Batch: WG1124634-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/11/18 12:01	06/11/18 16:39	1,7470A	EA



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 19-22 Batch: WG1124651-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Antimony, Dissolved	0.00183	J	mg/l	0.00400	0.00042	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Iron, Dissolved	0.0308	J	mg/l	0.0500	0.0191	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Silver, Dissolved	0.00029	J	mg/l	0.00040	0.00016	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/11/18 13:05	06/12/18 09:24	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 37-38 Batch: WG1124714-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/11/18 15:37	06/11/18 17:40	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 37-38 Batch: WG1124721-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Antimony, Dissolved	0.00127	J	mg/l	0.00400	0.00042	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Silver, Dissolved	0.00022	J	mg/l	0.00040	0.00016	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/11/18 16:00	06/12/18 11:50	1,6020A	AM

Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

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): 01-18,29,35 Batch: WG1124760-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.76	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Selenium, Total	0.124	J	mg/kg	0.800	0.103	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/11/18 19:41	06/11/18 23:48	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

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): 30-34,36 Batch: WG1124762-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Iron, Total	ND		mg/kg	2.00	0.361	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Potassium, Total	ND		mg/kg	100	5.76	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Sodium, Total	6.34	J	mg/kg	80.0	1.26	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/11/18 20:00	06/12/18 08:43	1,6010C	LC

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): 01-18,29,35 Batch: WG1124845-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	06/12/18 08:30	06/12/18 11:15	1,7471B	BV



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 30-34,36 Batch: WG1124846-1										
Mercury, Total	0.022	J	mg/kg	0.083	0.018	1	06/12/18 08:30	06/12/18 10:41	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37-38 Batch: WG1124238-2								
Aluminum, Total	101		-		80-120	-		
Antimony, Total	103		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	95		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	109		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	96		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	113		-		80-120	-		
Silver, Total	90		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37-38 Batch: WG1124238-2					
Zinc, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-22 Batch: WG1124278-2					
Aluminum, Total	94	-	80-120	-	
Antimony, Total	88	-	80-120	-	
Arsenic, Total	90	-	80-120	-	
Barium, Total	88	-	80-120	-	
Beryllium, Total	90	-	80-120	-	
Cadmium, Total	94	-	80-120	-	
Calcium, Total	90	-	80-120	-	
Chromium, Total	83	-	80-120	-	
Cobalt, Total	84	-	80-120	-	
Copper, Total	81	-	80-120	-	
Iron, Total	91	-	80-120	-	
Lead, Total	91	-	80-120	-	
Magnesium, Total	94	-	80-120	-	
Manganese, Total	84	-	80-120	-	
Nickel, Total	85	-	80-120	-	
Potassium, Total	89	-	80-120	-	
Selenium, Total	94	-	80-120	-	
Silver, Total	81	-	80-120	-	
Sodium, Total	96	-	80-120	-	
Thallium, Total	87	-	80-120	-	
Vanadium, Total	82	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-22 Batch: WG1124278-2					
Zinc, Total	95	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 19-22 Batch: WG1124627-2					
Mercury, Dissolved	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 19-22,37-38 Batch: WG1124634-2					
Mercury, Total	101	-	80-120	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19-22 Batch: WG1124651-2					
Aluminum, Dissolved	104	-	80-120	-	
Antimony, Dissolved	110	-	80-120	-	
Arsenic, Dissolved	108	-	80-120	-	
Barium, Dissolved	104	-	80-120	-	
Beryllium, Dissolved	105	-	80-120	-	
Cadmium, Dissolved	110	-	80-120	-	
Calcium, Dissolved	108	-	80-120	-	
Chromium, Dissolved	102	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	99	-	80-120	-	
Iron, Dissolved	117	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	105	-	80-120	-	
Manganese, Dissolved	98	-	80-120	-	
Nickel, Dissolved	103	-	80-120	-	
Potassium, Dissolved	103	-	80-120	-	
Selenium, Dissolved	111	-	80-120	-	
Silver, Dissolved	96	-	80-120	-	
Sodium, Dissolved	105	-	80-120	-	
Thallium, Dissolved	102	-	80-120	-	
Vanadium, Dissolved	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19-22 Batch: WG1124651-2					
Zinc, Dissolved	113	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 Batch: WG1124714-2					
Mercury, Dissolved	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 Batch: WG1124721-2					
Aluminum, Dissolved	104	-	80-120	-	
Antimony, Dissolved	114	-	80-120	-	
Arsenic, Dissolved	109	-	80-120	-	
Barium, Dissolved	105	-	80-120	-	
Beryllium, Dissolved	106	-	80-120	-	
Cadmium, Dissolved	111	-	80-120	-	
Calcium, Dissolved	106	-	80-120	-	
Chromium, Dissolved	99	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	100	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	110	-	80-120	-	
Magnesium, Dissolved	104	-	80-120	-	
Manganese, Dissolved	99	-	80-120	-	
Nickel, Dissolved	104	-	80-120	-	
Potassium, Dissolved	100	-	80-120	-	
Selenium, Dissolved	110	-	80-120	-	
Silver, Dissolved	99	-	80-120	-	
Sodium, Dissolved	104	-	80-120	-	
Thallium, Dissolved	104	-	80-120	-	
Vanadium, Dissolved	99	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 Batch: WG1124721-2					
Zinc, Dissolved	114	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-18,29,35 Batch: WG1124760-2 SRM Lot Number: D098-540					
Aluminum, Total	72	-	47-153	-	
Antimony, Total	165	-	6-194	-	
Arsenic, Total	101	-	83-117	-	
Barium, Total	95	-	82-118	-	
Beryllium, Total	99	-	83-117	-	
Cadmium, Total	102	-	82-117	-	
Calcium, Total	94	-	81-118	-	
Chromium, Total	95	-	83-119	-	
Cobalt, Total	101	-	84-116	-	
Copper, Total	100	-	84-116	-	
Iron, Total	85	-	60-140	-	
Lead, Total	93	-	82-117	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	94	-	82-118	-	
Nickel, Total	100	-	82-117	-	
Potassium, Total	86	-	69-131	-	
Selenium, Total	101	-	78-121	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	101	-	74-126	-	
Thallium, Total	98	-	80-119	-	
Vanadium, Total	94	-	79-121	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-18,29,35 Batch: WG1124760-2 SRM Lot Number: D098-540					
Zinc, Total	97	-	81-119	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30-34,36 Batch: WG1124762-2 SRM Lot Number: D098-540					
Aluminum, Total	77	-	47-153	-	
Antimony, Total	168	-	6-194	-	
Arsenic, Total	100	-	83-117	-	
Barium, Total	93	-	82-118	-	
Beryllium, Total	88	-	83-117	-	
Cadmium, Total	92	-	82-117	-	
Calcium, Total	87	-	81-118	-	
Chromium, Total	94	-	83-119	-	
Cobalt, Total	97	-	84-116	-	
Copper, Total	100	-	84-116	-	
Iron, Total	96	-	60-140	-	
Lead, Total	95	-	82-117	-	
Magnesium, Total	83	-	76-124	-	
Manganese, Total	90	-	82-118	-	
Nickel, Total	94	-	82-117	-	
Potassium, Total	86	-	69-131	-	
Selenium, Total	101	-	78-121	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	93	-	74-126	-	
Thallium, Total	97	-	80-119	-	
Vanadium, Total	100	-	79-121	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30-34,36 Batch: WG1124762-2 SRM Lot Number: D098-540					
Zinc, Total	95	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-18,29,35 Batch: WG1124845-2 SRM Lot Number: D098-540					
Mercury, Total	91	-	50-149	-	
Total Metals - Mansfield Lab Associated sample(s): 30-34,36 Batch: WG1124846-2 SRM Lot Number: D098-540					
Mercury, Total	94	-	50-149	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

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): 37-38			QC Batch ID: WG1124238-3			QC Sample: L1820931-01			Client ID: MS Sample			
Aluminum, Total	0.080	2	2.09	100		-	-		75-125	-		20
Antimony, Total	0.0019J	0.5	0.6300	126	Q	-	-		75-125	-		20
Arsenic, Total	0.1698	0.12	0.3072	114		-	-		75-125	-		20
Barium, Total	0.4062	2	2.423	101		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05105	102		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.05151	101		-	-		75-125	-		20
Calcium, Total	186.	10	181	0	Q	-	-		75-125	-		20
Chromium, Total	0.0196	0.2	0.2120	96		-	-		75-125	-		20
Cobalt, Total	0.0149	0.5	0.5059	98		-	-		75-125	-		20
Copper, Total	0.0011	0.25	0.2331	93		-	-		75-125	-		20
Iron, Total	154.	1	148	0	Q	-	-		75-125	-		20
Lead, Total	ND	0.51	0.5468	107		-	-		75-125	-		20
Magnesium, Total	78.8	10	100	212	Q	-	-		75-125	-		20
Manganese, Total	1.424	0.5	1.838	83		-	-		75-125	-		20
Nickel, Total	0.06890	0.5	0.5479	96		-	-		75-125	-		20
Potassium, Total	231.	10	254	230	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.124	103		-	-		75-125	-		20
Silver, Total	0.0006J	0.05	0.04605	92		-	-		75-125	-		20
Sodium, Total	648.	10	596	0	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1238	103		-	-		75-125	-		20
Vanadium, Total	0.0238	0.5	0.5111	97		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

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): 37-38			QC Batch ID: WG1124238-3		QC Sample: L1820931-01		Client ID: MS Sample		
Zinc, Total	0.0089J	0.5	0.5057	101	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

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): 19-22 QC Batch ID: WG1124278-3 WG1124278-4 QC Sample: L1820814-20 Client ID: MW-B									
Aluminum, Total	0.132	2	2.24	105	2.21	104	75-125	1	20
Antimony, Total	0.00332J	0.5	0.5820	116	0.5788	116	75-125	1	20
Arsenic, Total	0.00029J	0.12	0.1359	113	0.1288	107	75-125	5	20
Barium, Total	0.1233	2	2.226	105	2.129	100	75-125	4	20
Beryllium, Total	ND	0.05	0.05364	107	0.05312	106	75-125	1	20
Cadmium, Total	0.00038	0.051	0.05833	114	0.05562	108	75-125	5	20
Calcium, Total	88.9	10	101	121	98.7	98	75-125	2	20
Chromium, Total	0.00077J	0.2	0.1988	99	0.1885	94	75-125	5	20
Cobalt, Total	0.00654	0.5	0.4976	98	0.4909	97	75-125	1	20
Copper, Total	0.00118	0.25	0.2453	98	0.2384	95	75-125	3	20
Iron, Total	1.26	1	2.36	110	2.30	104	75-125	3	20
Lead, Total	0.00070J	0.51	0.5648	111	0.5302	104	75-125	6	20
Magnesium, Total	15.2	10	25.3	101	25.2	100	75-125	0	20
Manganese, Total	6.621	0.5	7.354	147	Q 7.168	109	75-125	3	20
Nickel, Total	0.01847	0.5	0.5234	101	0.5017	97	75-125	4	20
Potassium, Total	8.18	10	18.2	100	17.8	96	75-125	2	20
Selenium, Total	ND	0.12	0.132	110	0.133	111	75-125	1	20
Silver, Total	0.00018J	0.05	0.04679	94	0.04704	94	75-125	1	20
Sodium, Total	28.7	10	43.8	151	Q 43.2	145	Q 75-125	1	20
Thallium, Total	ND	0.12	0.1275	106	0.1186	99	75-125	7	20
Vanadium, Total	ND	0.5	0.4944	99	0.4734	95	75-125	4	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820814
Report Date: 06/18/18

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): 19-22 QC Batch ID: WG1124278-3 WG1124278-4 QC Sample: L1820814-20 Client ID: MW-B									
Zinc, Total	0.03706	0.5	0.6009	113	0.5827	109	75-125	3	20
Dissolved Metals - Mansfield Lab Associated sample(s): 19-22 QC Batch ID: WG1124627-3 WG1124627-4 QC Sample: L1820814-20 Client ID: MW-B									
Mercury, Dissolved	ND	0.005	0.00484	97	0.00487	98	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124634-3 WG1124634-4 QC Sample: L1820814-20 Client ID: MW-B									
Mercury, Total	ND	0.005	0.00467	93	0.00461	92	75-125	1	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19-22 QC Batch ID: WG1124651-3 WG1124651-4 QC Sample: L1820814-20 Client ID: MW-B											
Aluminum, Dissolved	ND	2	2.00	100		2.08	104		75-125	4	20
Antimony, Dissolved	0.00375J	0.5	0.5742	115		0.6058	121		75-125	5	20
Arsenic, Dissolved	ND	0.12	0.1262	105		0.1298	108		75-125	3	20
Barium, Dissolved	0.1251	2	2.090	98		2.165	102		75-125	4	20
Beryllium, Dissolved	ND	0.05	0.05240	105		0.05237	105		75-125	0	20
Cadmium, Dissolved	0.00042	0.051	0.05483	107		0.05729	112		75-125	4	20
Calcium, Dissolved	95.6	10	97.6	20	Q	99.9	43	Q	75-125	2	20
Chromium, Dissolved	ND	0.2	0.1950	98		0.2032	102		75-125	4	20
Cobalt, Dissolved	0.00718	0.5	0.4923	97		0.5036	99		75-125	2	20
Copper, Dissolved	0.00047J	0.25	0.2448	98		0.2437	97		75-125	0	20
Iron, Dissolved	0.252	1	1.28	103		1.31	106		75-125	2	20
Lead, Dissolved	ND	0.51	0.5264	103		0.5508	108		75-125	5	20
Magnesium, Dissolved	16.5	10	24.8	83		26.1	96		75-125	5	20
Manganese, Dissolved	7.088	0.5	7.091	1	Q	7.217	26	Q	75-125	2	20
Nickel, Dissolved	0.01912	0.5	0.5057	97		0.5339	103		75-125	5	20
Potassium, Dissolved	8.87	10	18.2	93		18.6	97		75-125	2	20
Selenium, Dissolved	ND	0.12	0.124	103		0.128	107		75-125	3	20
Silver, Dissolved	0.00030J	0.05	0.04502	90		0.04756	95		75-125	5	20
Sodium, Dissolved	33.3	10	43.3	100		44.4	111		75-125	3	20
Thallium, Dissolved	ND	0.12	0.1178	98		0.1230	102		75-125	4	20
Vanadium, Dissolved	ND	0.5	0.4893	98		0.4997	100		75-125	2	20

Matrix Spike Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19-22 QC Batch ID: WG1124651-3 WG1124651-4 QC Sample: L1820814-20 Client ID: MW-B									
Zinc, Dissolved	0.04118	0.5	0.5805	108	0.6040	112	75-125	4	20
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 QC Batch ID: WG1124714-3 QC Sample: L1820814-37 Client ID: FIELD BLANK									
Mercury, Dissolved	ND	0.005	0.00494	99	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820814
Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 QC Batch ID: WG1124721-3 QC Sample: L1820814-37 Client ID: FIELD BLANK									
Aluminum, Dissolved	0.00739J	2	2.09	104	-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.5898	118	-	-	75-125	-	20
Arsenic, Dissolved	ND	0.12	0.1322	110	-	-	75-125	-	20
Barium, Dissolved	0.00051	2	2.096	105	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05180	104	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05694	112	-	-	75-125	-	20
Calcium, Dissolved	0.723	10	11.0	103	-	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.1991	100	-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.5043	101	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2505	100	-	-	75-125	-	20
Iron, Dissolved	ND	1	1.09	109	-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5500	108	-	-	75-125	-	20
Magnesium, Dissolved	ND	10	10.6	106	-	-	75-125	-	20
Manganese, Dissolved	0.00073J	0.5	0.4893	98	-	-	75-125	-	20
Nickel, Dissolved	ND	0.5	0.5041	101	-	-	75-125	-	20
Potassium, Dissolved	0.0518J	10	10.0	100	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.135	112	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04932	99	-	-	75-125	-	20
Sodium, Dissolved	0.492	10	11.2	107	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1235	103	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4963	99	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 QC Batch ID: WG1124721-3 QC Sample: L1820814-37 Client ID: FIELD BLANK									
Zinc, Dissolved	ND	0.5	0.5676	114	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

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): 01-18,29,35 QC Batch ID: WG1124760-3 WG1124760-4 QC Sample: L1820814-35 Client ID: SS-3B											
Aluminum, Total	5720	175	6110	223	Q	5760	24	Q	75-125	6	20
Antimony, Total	0.679J	43.7	38.0	87		35.4	86		75-125	7	20
Arsenic, Total	4.53	10.5	14.4	94		13.0	86		75-125	10	20
Barium, Total	72.1	175	264	110		217	88		75-125	20	20
Beryllium, Total	0.318J	4.37	4.30	98		4.08	99		75-125	5	20
Cadmium, Total	0.559J	4.45	4.67	105		4.32	103		75-125	8	20
Calcium, Total	1800	873	3300	172	Q	2520	87		75-125	27	Q 20
Chromium, Total	12.5	17.5	27.5	86		25.4	78		75-125	8	20
Cobalt, Total	10.4	43.7	44.0	77		42.2	77		75-125	4	20
Copper, Total	21.6	21.8	49.8	129	Q	38.1	80		75-125	27	Q 20
Iron, Total	15300	87.3	13800	0	Q	12200	0	Q	75-125	12	20
Lead, Total	120.	44.5	286	373	Q	179	140	Q	75-125	46	Q 20
Magnesium, Total	1720	873	2440	82		2390	81		75-125	2	20
Manganese, Total	548.	43.7	314	0	Q	292	0	Q	75-125	7	20
Nickel, Total	11.6	43.7	49.1	86		46.3	84		75-125	6	20
Potassium, Total	752.	873	1700	108		1620	105		75-125	5	20
Selenium, Total	ND	10.5	9.40	90		8.78	89		75-125	7	20
Silver, Total	ND	26.2	26.0	99		24.3	98		75-125	7	20
Sodium, Total	161.J	873	1020	117		947	115		75-125	7	20
Thallium, Total	ND	10.5	9.60	92		9.01	91		75-125	6	20
Vanadium, Total	33.9	43.7	59.2	58	Q	55.6	52	Q	75-125	6	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

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): 01-18,29,35 QC Batch ID: WG1124760-3 WG1124760-4 QC Sample: L1820814-35 Client ID: SS-3B												
Zinc, Total	155.	43.7	176	48	Q	132	0	Q	75-125	29	Q	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

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): 30-34,36 QC Batch ID: WG1124762-3 WG1124762-4 QC Sample: L1820814-36 Client ID: SS-4B											
Aluminum, Total	5130	176	6380	711	Q	7060	1060	Q	75-125	10	20
Antimony, Total	0.875J	43.9	38.8	88		42.2	93		75-125	8	20
Arsenic, Total	5.17	10.5	15.4	97		16.4	103		75-125	6	20
Barium, Total	225.	176	405	102		431	114		75-125	6	20
Beryllium, Total	0.207J	4.39	3.72	85		4.35	96		75-125	16	20
Cadmium, Total	ND	4.48	3.32	74	Q	3.70	80		75-125	11	20
Calcium, Total	15500	878	13800	0	Q	29000	1490	Q	75-125	71	Q 20
Chromium, Total	15.2	17.6	34.8	112		37.4	122		75-125	7	20
Cobalt, Total	4.71	43.9	41.4	84		43.4	85		75-125	5	20
Copper, Total	43.0	22	90.5	216	Q	129	380	Q	75-125	35	Q 20
Iron, Total	12500	87.8	16200	4210	Q	15000	2760	Q	75-125	8	20
Lead, Total	443.	44.8	543	223	Q	533	195	Q	75-125	2	20
Magnesium, Total	2120	878	2640	59	Q	4090	217	Q	75-125	43	Q 20
Manganese, Total	226.	43.9	299	166	Q	314	194	Q	75-125	5	20
Nickel, Total	9.15	43.9	46.2	84		49.6	89		75-125	7	20
Potassium, Total	1030	878	1960	106		2290	139	Q	75-125	16	20
Selenium, Total	0.586J	10.5	10.2	97		10.9	100		75-125	7	20
Silver, Total	ND	26.4	25.2	96		27.7	102		75-125	9	20
Sodium, Total	196.	878	1070	99		1230	114		75-125	14	20
Thallium, Total	ND	10.5	7.91	75		8.31	76		75-125	5	20
Vanadium, Total	19.0	43.9	61.3	96		62.4	96		75-125	2	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

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): 30-34,36 QC Batch ID: WG1124762-3 WG1124762-4 QC Sample: L1820814-36 Client ID: SS-4B									
Zinc, Total	236.	43.9	628	892	Q	750	1130	Q	75-125 18 20
Total Metals - Mansfield Lab Associated sample(s): 01-18,29,35 QC Batch ID: WG1124845-3 WG1124845-4 QC Sample: L1820814-35 Client ID: SS-3B									
Mercury, Total	0.609	0.139	0.758	107		0.978	267	Q	80-120 25 Q 20
Total Metals - Mansfield Lab Associated sample(s): 30-34,36 QC Batch ID: WG1124846-3 WG1124846-4 QC Sample: L1820814-36 Client ID: SS-4B									
Mercury, Total	2.23	0.144	2.55	221	Q	2.48	173	Q	80-120 3 20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37-38 QC Batch ID: WG1124238-4 QC Sample: L1820931-01 Client ID: DUP Sample						
Nickel, Total	0.06890	0.06829	mg/l	1		20
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 QC Batch ID: WG1124714-4 QC Sample: L1820814-37 Client ID: FIELD BLANK						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 QC Batch ID: WG1124721-4 QC Sample: L1820814-37 Client ID: FIELD BLANK					
Aluminum, Dissolved	0.00739J	ND	mg/l	NC	20
Antimony, Dissolved	ND	0.00067J	mg/l	NC	20
Arsenic, Dissolved	ND	ND	mg/l	NC	20
Barium, Dissolved	0.00051	0.00037J	mg/l	NC	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	0.723	0.0483J	mg/l	NC	20
Chromium, Dissolved	ND	ND	mg/l	NC	20
Cobalt, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	ND	ND	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	ND	ND	mg/l	NC	20
Manganese, Dissolved	0.00073J	0.00060J	mg/l	NC	20
Nickel, Dissolved	ND	ND	mg/l	NC	20
Potassium, Dissolved	0.0518J	0.0452J	mg/l	NC	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	0.492	0.489	mg/l	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 37-38 QC Batch ID: WG1124721-4 QC Sample: L1820814-37 Client ID: FIELD BLANK					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-01

Client ID: SB-1A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:45

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:21	1,9010C/9012B	LH
Chromium, Hexavalent	0.326	J	mg/kg	0.870	0.174	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-02

Client ID: SB-2A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:05

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/11/18 07:35	06/11/18 16:26	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.875	0.175	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-03

Client ID: SB-3A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 10:55

Date Received: 06/05/18

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	86.5		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:27	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.925	0.185	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-04

Client ID: SB-4A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45

Date Received: 06/05/18

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	80.6		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/11/18 07:35	06/11/18 16:28	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.992	0.198	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-05

Client ID: SB-5A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:40

Date Received: 06/05/18

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	78.6		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	1.0	J	mg/kg	1.3	0.27	1	06/11/18 07:35	06/11/18 16:29	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	1.02	0.204	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-06

Client ID: SB-6A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:00

Date Received: 06/05/18

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	90.2		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:30	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.887	0.177	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-07

Client ID: SB-7A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:10

Date Received: 06/05/18

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	86.5		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:32	1,9010C/9012B	LH
Chromium, Hexavalent	0.220	J	mg/kg	0.925	0.185	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-08

Client ID: SB-8A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:25

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/11/18 07:35	06/11/18 16:33	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.871	0.174	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-09

Client ID: SB-1B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:50

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:34	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.915	0.183	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-10

Client ID: SB-2B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 15:15

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/11/18 07:35	06/11/18 16:35	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.876	0.175	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-11

Client ID: SB-3B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:10

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:36	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.872	0.174	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-12

Client ID: SB-4B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:10

Date Received: 06/05/18

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	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:39	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.895	0.179	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-13

Client ID: SB-5B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50

Date Received: 06/05/18

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	90.7		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/11/18 07:35	06/11/18 16:40	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.882	0.176	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-14

Client ID: SB-6B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 14:10

Date Received: 06/05/18

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	90.7		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:41	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.882	0.176	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-15

Client ID: SB-7B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 12:15

Date Received: 06/05/18

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	84.2		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:42	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.950	0.190	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-16

Client ID: SB-8B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 12:30

Date Received: 06/05/18

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	89.1		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:43	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.898	0.180	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-17

Client ID: DUP-1

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:33

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:44	1,9010C/9012B	LH
Chromium, Hexavalent	0.205	J	mg/kg	0.865	0.173	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-18

Client ID: DUP-2

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 07:54

Date Received: 06/05/18

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	89.9		%	0.100	NA	1	-	06/08/18 12:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 16:45	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.890	0.178	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-19**Client ID:** MW-A**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Date Collected:** 06/05/18 16:00**Date Received:** 06/05/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/09/18 14:45	06/11/18 09:47	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/06/18 06:49	06/06/18 07:22	1,7196A	UN



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-20

Client ID: MW-B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 13:30

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	06/09/18 14:45	06/11/18 09:50	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/06/18 06:49	06/06/18 07:22	1,7196A	UN



Project Name: 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-21**Client ID:** MW-C**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Date Collected:** 06/05/18 10:00**Date Received:** 06/05/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.029		mg/l	0.005	0.001	1	06/09/18 14:45	06/11/18 09:53	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/06/18 06:49	06/06/18 07:23	1,7196A	UN



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-22

Client ID: GW-DUP

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/05/18 11:50

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.031		mg/l	0.005	0.001	1	06/09/18 14:45	06/11/18 09:54	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/06/18 06:49	06/06/18 07:23	1,7196A	UN



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-29

Client ID: SS-1A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:30

Date Received: 06/05/18

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	90.0		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/11/18 07:35	06/11/18 16:46	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.889	0.178	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-30

Client ID: SS-2A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:08

Date Received: 06/05/18

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	83.1		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/11/18 07:35	06/11/18 13:05	1,9010C/9012B	LH
Chromium, Hexavalent	0.289	J	mg/kg	0.963	0.192	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-31

Client ID: SS-3A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:45

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 13:24	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.878	0.176	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-32

Client ID: SS-4A

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:20

Date Received: 06/05/18

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	86.1		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	0.24	J	mg/kg	1.1	0.23	1	06/11/18 07:35	06/11/18 13:25	1,9010C/9012B	LH
Chromium, Hexavalent	0.546	J	mg/kg	0.929	0.186	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-33

Client ID: SS-1B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 08:40

Date Received: 06/05/18

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	90.7		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/11/18 07:35	06/11/18 13:26	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.882	0.176	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-34

Client ID: SS-2B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:20

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/11/18 12:20	06/11/18 14:51	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.917	0.183	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-35

Client ID: SS-3B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 09:55

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/11/18 07:35	06/11/18 16:47	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.878	0.176	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

SAMPLE RESULTS

Lab ID: L1820814-36

Client ID: SS-4B

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 10:40

Date Received: 06/05/18

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	86.7		%	0.100	NA	1	-	06/08/18 12:37	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/11/18 12:20	06/11/18 14:52	1,9010C/9012B	LH
Chromium, Hexavalent	3.96		mg/kg	0.923	0.184	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM



Project Name: 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-37**Client ID:** FIELD BLANK**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Date Collected:** 06/05/18 08:30**Date Received:** 06/05/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/09/18 14:45	06/11/18 09:55	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/06/18 06:49	06/06/18 07:21	1,7196A	UN



Project Name: 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18**SAMPLE RESULTS****Lab ID:** L1820814-38**Client ID:** FIELD BLANK**Sample Location:** 480 FLUSHING AVE., BROOKLYN, NY**Date Collected:** 06/05/18 09:10**Date Received:** 06/05/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/09/18 14:45	06/11/18 09:56	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/06/18 06:49	06/06/18 07:22	1,7196A	UN



Project Name: 480 FLUSHING AVE.

Lab Number: L1820814

Project Number: 17-310

Report Date: 06/18/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1124042-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/08/18 02:15	06/09/18 00:05	1,7196A	RM
General Chemistry - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124068-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/06/18 06:49	06/06/18 07:18	1,7196A	UN
General Chemistry - Westborough Lab for sample(s): 19-22,37-38 Batch: WG1124310-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/09/18 14:45	06/11/18 09:40	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1124444-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	06/11/18 07:35	06/11/18 16:14	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 11-18,29,35 Batch: WG1124445-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	06/11/18 07:35	06/11/18 16:15	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 30-33 Batch: WG1124510-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	06/11/18 07:35	06/11/18 13:30	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 11-18,29,35 Batch: WG1124579-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM
General Chemistry - Westborough Lab for sample(s): 30-34,36 Batch: WG1124582-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/10/18 17:16	06/11/18 19:30	1,7196A	RM
General Chemistry - Westborough Lab for sample(s): 34,36 Batch: WG1124607-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	06/11/18 12:20	06/11/18 14:47	1,9010C/9012B	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1124042-2								
Chromium, Hexavalent	77	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124068-2								
Chromium, Hexavalent	94		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 19-22,37-38 Batch: WG1124310-2 WG1124310-3								
Cyanide, Total	90		96		85-115	6		20
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1124444-2 WG1124444-3								
Cyanide, Total	56	Q	35	Q	80-120	40	Q	35
General Chemistry - Westborough Lab Associated sample(s): 11-18,29,35 Batch: WG1124445-2 WG1124445-3								
Cyanide, Total	57	Q	35	Q	80-120	41	Q	35
General Chemistry - Westborough Lab Associated sample(s): 30-33 Batch: WG1124510-2 WG1124510-3								
Cyanide, Total	87		67	Q	80-120	25		35
General Chemistry - Westborough Lab Associated sample(s): 11-18,29,35 Batch: WG1124579-2								
Chromium, Hexavalent	80		-		80-120	-		20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 480 FLUSHING AVE.**Project Number:** 17-310**Lab Number:** L1820814**Report Date:** 06/18/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 30-34,36 Batch: WG1124582-2					
Chromium, Hexavalent	80	-	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 34,36 Batch: WG1124607-2 WG1124607-3					
Cyanide, Total	82	64	Q 80-120	24	35

Matrix Spike Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1124042-4 QC Sample: L1820814-10 Client ID: SB-2B												
Chromium, Hexavalent	ND	1100	1100	100		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124068-4 QC Sample: L1820814-20 Client ID: MW-B												
Chromium, Hexavalent	ND	0.1	0.092	92		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124310-4 WG1124310-5 QC Sample: L1820814-20 Client ID: MW-B												
Cyanide, Total	0.002J	0.2	0.193	96		0.189	94		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1124444-4 WG1124444-5 QC Sample: L1820814-01 Client ID: SB-1A												
Cyanide, Total	ND	10	9.9	99		6.5	66	Q	75-125	41	Q	35
General Chemistry - Westborough Lab Associated sample(s): 11-18,29,35 QC Batch ID: WG1124445-4 WG1124445-5 QC Sample: L1820814-35 Client ID: SS-3B												
Cyanide, Total	ND	10	10	100		10	95		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 30-33 QC Batch ID: WG1124510-4 WG1124510-5 QC Sample: L1820814-30 Client ID: SS-2A												
Cyanide, Total	ND	12	11	94		11	94		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 11-18,29,35 QC Batch ID: WG1124579-4 WG1124579-5 QC Sample: L1820814-35 Client ID: SS-3B												
Chromium, Hexavalent	ND	1260	1220	97		1170	97		75-125	4		20
General Chemistry - Westborough Lab Associated sample(s): 30-34,36 QC Batch ID: WG1124582-4 WG1124582-5 QC Sample: L1820814-36 Client ID: SS-4B												
Chromium, Hexavalent	3.96	1120	1120	100		1220	100		75-125	9		20

Matrix Spike Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 34,36 QC Batch ID: WG1124607-4 WG1124607-5 QC Sample: L1820814-36 Client ID: SS-4B									
Cyanide, Total	ND	10	12	110	10	95	75-125	18	35

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820814

Report Date: 06/18/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG1123962-1 QC Sample: L1820814-01 Client ID: SB-1A						
Solids, Total	91.9	92.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 29-36 QC Batch ID: WG1123977-1 QC Sample: L1820814-35 Client ID: SS-3B						
Solids, Total	91.1	91.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1124042-6 QC Sample: L1820814-10 Client ID: SB-2B						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 19-22,37-38 QC Batch ID: WG1124068-3 QC Sample: L1820814-20 Client ID: MW-B						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 11-18,29,35 QC Batch ID: WG1124579-7 QC Sample: L1820814-35 Client ID: SS-3B						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 30-34,36 QC Batch ID: WG1124582-7 QC Sample: L1820814-36 Client ID: SS-4B						
Chromium, Hexavalent	3.96	0.530J	mg/kg	NC		20

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler Custody Seal**

A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent
I	Absent
J	Absent
K	Absent
L	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-01A	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-01B	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-01C	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-01D	Plastic 2oz unpreserved for TS	C	NA		3.9	Y	Absent		TS(7)
L1820814-01E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1820814-01F	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-01G	Glass 500ml/16oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Serial_No: 06181817:12
Lab Number: L1820814
Report Date: 06/18/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-01X	Vial MeOH preserved split	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-01Y	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-01Z	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-02A	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-02B	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-02C	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-02D	Plastic 2oz unpreserved for TS	C	NA		3.9	Y	Absent		TS(7)
L1820814-02E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-02F	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-02G	Glass 500ml/16oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-02X	Vial MeOH preserved split	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-02Y	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-02Z	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-03A	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-03B	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-03C	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-03D	Plastic 2oz unpreserved for TS	J	NA		2.2	Y	Absent		TS(7)
L1820814-03E	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-03F	Glass 120ml/4oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-03G	Glass 500ml/16oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Serial_No:06181817:12
Lab Number: L1820814
Report Date: 06/18/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-03X	Vial MeOH preserved split	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-03Y	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-03Z	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-04A	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-04B	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-04C	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-04D	Plastic 2oz unpreserved for TS	I	NA		2.1	Y	Absent		TS(7)
L1820814-04E	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-04F	Glass 120ml/4oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-04G	Glass 500ml/16oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-04X	Vial MeOH preserved split	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-04Y	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-04Z	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-05A	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-05B	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-05C	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-05D	Plastic 2oz unpreserved for TS	C	NA		3.9	Y	Absent		TS(7)
L1820814-05E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-05F	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-05G	Glass 500ml/16oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-05X	Vial MeOH preserved split	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-05Y	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-05Z	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-06A	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-06B	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-06C	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-06D	Plastic 2oz unpreserved for TS	C	NA		3.9	Y	Absent		TS(7)
L1820814-06E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-06F	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-06G	Glass 500ml/16oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-06X	Vial MeOH preserved split	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-06Y	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-06Z	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-07A	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-07B	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-07C	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-07D	Plastic 2oz unpreserved for TS	J	NA		2.2	Y	Absent		TS(7)
L1820814-07E	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-07F	Glass 120ml/4oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-07G	Glass 500ml/16oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

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L1820814-07X	Vial MeOH preserved split	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-07Y	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-07Z	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-08A	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-08B	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-08C	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-08D	Plastic 2oz unpreserved for TS	J	NA		2.2	Y	Absent		TS(7)
L1820814-08E	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-08F	Glass 120ml/4oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-08G	Glass 500ml/16oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-08X	Vial MeOH preserved split	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-08Y	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-08Z	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-09A	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-09B	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-09C	5 gram Encore Sampler	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-09D	Plastic 2oz unpreserved for TS	J	NA		2.2	Y	Absent		TS(7)
L1820814-09E	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-09F	Glass 120ml/4oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-09G	Glass 500ml/16oz unpreserved	J	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

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L1820814-09X	Vial MeOH preserved split	J	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1820814-09Y	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-09Z	Vial Water preserved split	J	NA		2.2	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-10A	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-10B	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-10C	5 gram Encore Sampler	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-10D	Plastic 2oz unpreserved for TS	C	NA		3.9	Y	Absent		TS(7)
L1820814-10E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-10F	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-10G	Glass 500ml/16oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-10X	Vial MeOH preserved split	C	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L1820814-10Y	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-10Z	Vial Water preserved split	C	NA		3.9	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-11A	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-11B	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-11C	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-11D	Plastic 2oz unpreserved for TS	I	NA		2.1	Y	Absent		TS(7)
L1820814-11E	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-11F	Glass 120ml/4oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-11G	Glass 500ml/16oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-11X	Vial MeOH preserved split	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-11Y	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-11Z	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 07:07	NYTCL-8260HLW(14)
L1820814-12A	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-12B	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-12C	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-12D	Plastic 2oz unpreserved for TS	I	NA		2.1	Y	Absent		TS(7)
L1820814-12E	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-12F	Glass 120ml/4oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-12G	Glass 500ml/16oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-12X	Vial MeOH preserved split	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-12Y	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-12Z	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-13A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-13B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-13C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-13D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		TS(7)
L1820814-13E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-13F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-13G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-13X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-13Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-13Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-14A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-14B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-14C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-14D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		TS(7)
L1820814-14E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-14F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-14G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-14X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-14Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-14Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-15A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-15B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-15C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-15D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		TS(7)
L1820814-15E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-15F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-15G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-15X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-15Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-15Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-16A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-16B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-16C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-16D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		TS(7)
L1820814-16E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-16F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-16G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-16X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L1820814-16Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-16Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	NYTCL-8260HLW(14)
L1820814-17A	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-17B	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-17C	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-17D	Plastic 2oz unpreserved for TS	I	NA		2.1	Y	Absent		TS(7)
L1820814-17E	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-17F	Glass 120ml/4oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-17G	Glass 500ml/16oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-17X	Vial MeOH preserved split	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-17Y	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-17Z	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-18A	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-18B	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-18C	5 gram Encore Sampler	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-18D	Plastic 2oz unpreserved for TS	I	NA		2.1	Y	Absent		TS(7)
L1820814-18E	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-18F	Glass 120ml/4oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-18G	Glass 500ml/16oz unpreserved	I	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-18X	Vial MeOH preserved split	I	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1820814-18Y	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-18Z	Vial Water preserved split	I	NA		2.1	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-19A	Vial HCl preserved	D	NA		2.7	Y	Absent		NYTCL-8260(14)
L1820814-19B	Vial HCl preserved	D	NA		2.7	Y	Absent		NYTCL-8260(14)
L1820814-19C	Vial HCl preserved	D	NA		2.7	Y	Absent		NYTCL-8260(14)
L1820814-19D	Plastic 250ml unpreserved	D	7	7	2.7	Y	Absent		HEXCR-7196(1)
L1820814-19E	Plastic 250ml unpreserved	D	7	7	2.7	Y	Absent		-
L1820814-19F	Plastic 250ml HNO3 preserved	D	<2	<2	2.7	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1820814-19G	Plastic 250ml NaOH preserved	D	>12	>12	2.7	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-19H	Amber 120ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8081(7)
L1820814-19I	Amber 120ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8081(7)
L1820814-19J	Amber 500ml unpreserved	D	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-19K	Amber 500ml unpreserved	D	NA		2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-19L	Plastic 250ml Trizma preserved	D	7	7	2.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-19L1	Plastic 250ml Trizma preserved	D	NA		2.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-19L2	Plastic 250ml Trizma preserved	D	NA		2.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-19M	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-19N	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-19O	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		HERB-APA(7)
L1820814-19P	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		HERB-APA(7)
L1820814-19Q	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-19R	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-19X	Plastic 250ml HNO3 preserved Filtrates	D	NA		2.7	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-20A	Vial HCl preserved	K	NA		4.8	Y	Absent		NYTCL-8260(14)
L1820814-20A1	Vial HCl preserved	F	NA		5.5	Y	Absent		NYTCL-8260(14)
L1820814-20A2	Vial HCl preserved	H	NA		4.3	Y	Absent		NYTCL-8260(14)
L1820814-20B	Vial HCl preserved	K	NA		4.8	Y	Absent		NYTCL-8260(14)
L1820814-20B1	Vial HCl preserved	F	NA		5.5	Y	Absent		NYTCL-8260(14)
L1820814-20B2	Vial HCl preserved	H	NA		4.3	Y	Absent		NYTCL-8260(14)
L1820814-20C	Vial HCl preserved	K	NA		4.8	Y	Absent		NYTCL-8260(14)
L1820814-20C1	Vial HCl preserved	F	NA		5.5	Y	Absent		NYTCL-8260(14)
L1820814-20C2	Vial HCl preserved	H	NA		4.3	Y	Absent		NYTCL-8260(14)
L1820814-20D	Plastic 250ml unpreserved	K	7	7	4.8	Y	Absent		HEXCR-7196(1)

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Container Information

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L1820814-20D1	Plastic 250ml unpreserved	F	7	7	5.5	Y	Absent		HEXCR-7196(1)
L1820814-20D2	Plastic 250ml unpreserved	H	7	7	4.3	Y	Absent		HEXCR-7196(1)
L1820814-20E	Plastic 250ml unpreserved	K	7	7	4.8	Y	Absent		-
L1820814-20E1	Plastic 250ml unpreserved	F	7	7	5.5	Y	Absent		-
L1820814-20E2	Plastic 250ml unpreserved	H	7	7	4.3	Y	Absent		-
L1820814-20F	Plastic 250ml HNO3 preserved	K	<2	<2	4.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1820814-20F1	Plastic 250ml HNO3 preserved	F	<2	<2	5.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1820814-20F2	Plastic 250ml HNO3 preserved	H	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1820814-20G	Plastic 250ml NaOH preserved	K	>12	>12	4.8	Y	Absent		TCN-9010(14)
L1820814-20G1	Plastic 250ml NaOH preserved	F	>12	>12	5.5	Y	Absent		TCN-9010(14)
L1820814-20G2	Plastic 250ml NaOH preserved	H	>12	>12	4.3	Y	Absent		TCN-9010(14)
L1820814-20H	Amber 120ml unpreserved	K	7	7	4.8	Y	Absent		NYTCL-8081(7)
L1820814-20H1	Amber 120ml unpreserved	F	7	7	5.5	Y	Absent		NYTCL-8081(7)
L1820814-20H2	Amber 120ml unpreserved	H	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1820814-20I	Amber 120ml unpreserved	K	7	7	4.8	Y	Absent		NYTCL-8081(7)
L1820814-20I1	Amber 120ml unpreserved	F	7	7	5.5	Y	Absent		NYTCL-8081(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-20I2	Amber 120ml unpreserved	H	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1820814-20J	Amber 500ml unpreserved	K	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-20J1	Amber 500ml unpreserved	F	7	7	5.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-20J2	Amber 500ml unpreserved	H	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-20K	Amber 500ml unpreserved	K	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-20K1	Amber 500ml unpreserved	F	7	7	5.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-20K2	Amber 500ml unpreserved	H	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-20L	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L1	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L2	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L3	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L4	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L5	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L6	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L7	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20L8	Plastic 250ml Trizma preserved	K	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-20M	Amber 1000ml unpreserved	K	7	7	4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-20M1	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-20M2	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-20N	Amber 1000ml unpreserved	K	7	7	4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-20N1	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-20N2	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-20O	Amber 1000ml unpreserved	K	7	7	4.8	Y	Absent		HERB-APA(7)
L1820814-20O1	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		HERB-APA(7)
L1820814-20O2	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		HERB-APA(7)
L1820814-20P	Amber 1000ml unpreserved	K	7	7	4.8	Y	Absent		HERB-APA(7)
L1820814-20P1	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		HERB-APA(7)
L1820814-20P2	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		HERB-APA(7)

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Container Information

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L1820814-20Q	Amber 1000ml unpreserved	K	7	7	4.8	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-20Q1	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-20Q2	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-20R	Amber 1000ml unpreserved	K	7	7	4.8	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-20R1	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-20R2	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-20X	Plastic 250ml HNO3 preserved Filtrates	K	NA		4.8	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-20X1	Plastic 250ml HNO3 preserved Filtrates	F	NA		5.5	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-20X2	Plastic 250ml HNO3 preserved Filtrates	H	NA		4.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-21A	Vial HCl preserved	L	NA		2.1	Y	Absent		NYTCL-8260(14)
L1820814-21B	Vial HCl preserved	L	NA		2.1	Y	Absent		NYTCL-8260(14)
L1820814-21C	Vial HCl preserved	L	NA		2.1	Y	Absent		NYTCL-8260(14)
L1820814-21D	Plastic 250ml unpreserved	L	7	7	2.1	Y	Absent		HEXCR-7196(1)
L1820814-21E	Plastic 250ml unpreserved	L	7	7	2.1	Y	Absent		-

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-21F	Plastic 250ml HNO3 preserved	L	7	7	2.1	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1820814-21G	Plastic 250ml NaOH preserved	L	>12	>12	2.1	Y	Absent		TCN-9010(14)
L1820814-21H	Amber 120ml unpreserved	L	7	7	2.1	Y	Absent		NYTCL-8081(7)
L1820814-21I	Amber 120ml unpreserved	L	7	7	2.1	Y	Absent		NYTCL-8081(7)
L1820814-21J	Amber 500ml unpreserved	L	7	7	2.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-21K	Amber 500ml unpreserved	L	7	7	2.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-21L	Plastic 250ml Trizma preserved	L	7	7	2.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-21L1	Plastic 250ml Trizma preserved	L	NA		2.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-21L2	Plastic 250ml Trizma preserved	L	NA		2.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-21M	Amber 1000ml unpreserved	L	7	7	2.1	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-21N	Amber 1000ml unpreserved	L	7	7	2.1	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-21O	Amber 1000ml unpreserved	L	7	7	2.1	Y	Absent		HERB-APA(7)
L1820814-21P	Amber 1000ml unpreserved	L	7	7	2.1	Y	Absent		HERB-APA(7)
L1820814-21Q	Amber 1000ml unpreserved	L	7	7	2.1	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-21R	Amber 1000ml unpreserved	L	7	7	2.1	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-21X	Plastic 250ml HNO3 preserved Filtrates	L	NA		2.1	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-22A	Vial HCl preserved	L	NA		2.1	Y	Absent		NYTCL-8260(14)
L1820814-22B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L1820814-22C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L1820814-22D	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		HEXCR-7196(1)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-22E	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L1820814-22F	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1820814-22G	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L1820814-22H	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L1820814-22I	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L1820814-22J	Amber 500ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-22K	Amber 500ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1820814-22L	Plastic 250ml Trizma preserved	A	7	7	3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-22L1	Plastic 250ml Trizma preserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-22L2	Plastic 250ml Trizma preserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L1820814-22M	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-22N	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1820814-22O	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		HERB-APA(7)
L1820814-22P	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		HERB-APA(7)
L1820814-22Q	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-22R	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-22X	Plastic 250ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-23A	Vial HCl preserved	F	NA		5.5	Y	Absent		HOLD(14)
L1820814-23B	Vial HCl preserved	F	NA		5.5	Y	Absent		HOLD(14)
L1820814-23C	Vial HCl preserved	F	NA		5.5	Y	Absent		HOLD(14)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-23D	Plastic 250ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23E	Plastic 250ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23F	Plastic 250ml HNO3 preserved	F	<2	<2	5.5	Y	Absent		HOLD(14)
L1820814-23G	Plastic 250ml NaOH preserved	F	>12	>12	5.5	Y	Absent		HOLD(14)
L1820814-23H	Amber 120ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23I	Amber 120ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23J	Amber 500ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23K	Amber 500ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23L	Plastic 250ml Trizma preserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23L1	Plastic 250ml Trizma preserved	F	NA		5.5	Y	Absent		-
L1820814-23L2	Plastic 250ml Trizma preserved	F	NA		5.5	Y	Absent		-
L1820814-23M	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23N	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23O	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23P	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-23Q	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		-
L1820814-23R	Amber 1000ml unpreserved	F	7	7	5.5	Y	Absent		HOLD(14)
L1820814-24A	Vial HCl preserved	H	NA		4.3	Y	Absent		HOLD(14)
L1820814-24B	Vial HCl preserved	H	NA		4.3	Y	Absent		HOLD(14)
L1820814-24C	Vial HCl preserved	H	NA		4.3	Y	Absent		HOLD(14)
L1820814-24D	Plastic 250ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24E	Plastic 250ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24F	Plastic 250ml HNO3 preserved	H	<2	<2	4.3	Y	Absent		HOLD(14)
L1820814-24G	Plastic 250ml NaOH preserved	H	>12	>12	4.3	Y	Absent		HOLD(14)
L1820814-24H	Amber 120ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24I	Amber 120ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24J	Amber 500ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24K	Amber 500ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-24L	Plastic 250ml Trizma preserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24L1	Plastic 250ml Trizma preserved	H	NA		4.3	Y	Absent		-
L1820814-24L2	Plastic 250ml Trizma preserved	H	NA		4.3	Y	Absent		-
L1820814-24M	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24N	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24O	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24P	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-24Q	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		-
L1820814-24R	Amber 1000ml unpreserved	H	7	7	4.3	Y	Absent		HOLD(14)
L1820814-25A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-25B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-25C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-25D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD()
L1820814-25E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		-
L1820814-25F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-25G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-25X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD()
L1820814-25Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()
L1820814-25Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()
L1820814-26A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-26B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-26C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-26D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD()
L1820814-26E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		-
L1820814-26F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-26G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-26X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD()
L1820814-26Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-26Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()
L1820814-27A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-27B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-27C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-27D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD()
L1820814-27E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-27F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-27G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-27X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD()
L1820814-27Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()
L1820814-27Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()
L1820814-28A	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-28B	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-28C	5 gram Encore Sampler	E	NA		4.3	Y	Absent		HOLD()
L1820814-28D	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD()
L1820814-28E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		-
L1820814-28F	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-28G	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		HOLD()
L1820814-28X	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD()
L1820814-28Y	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()
L1820814-28Z	Vial Water preserved split	E	NA		4.3	Y	Absent	06-JUN-18 08:30	HOLD()
L1820814-29A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1820814-29B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1820814-29C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1820814-29D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		TS(7)
L1820814-29E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		-
L1820814-29F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-29G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8082(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-29X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1820814-29Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-29Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 06:37	NYTCL-8260HLW(14)
L1820814-30A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-30B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-30C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-30D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-30E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		HOLD-METAL(180)
L1820814-30F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-30G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-30X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-30Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-30Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-31A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-31B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-31C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-31D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-31E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		HOLD-METAL(180)
L1820814-31F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-31G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-31X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-31Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-31Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-32A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-32B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)

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L1820814-32C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-32D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-32E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		HOLD-METAL(180)
L1820814-32F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-32G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-32X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-32Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-32Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-33A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-33B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-33C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-33D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-33E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		HOLD-METAL(180)
L1820814-33F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-33G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-33X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-33Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 07:07	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-33Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 07:07	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-34A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-34B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-34C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-34D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-34E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		HOLD-METAL(180)
L1820814-34F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Serial_No:06181817:12
Lab Number: L1820814
Report Date: 06/18/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-34G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-34X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-34Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 07:07	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-34Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 07:07	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-35D1	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-35D2	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-35E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),HOLD-METAL(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1820814-35E1	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),HOLD-METAL(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1820814-35E2	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),HOLD-METAL(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1820814-35F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-35F1	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-35F2	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Serial_No:06181817:12
Lab Number: L1820814
Report Date: 06/18/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-35G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-35G1	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-35G2	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-35X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35X1	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35X2	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35Y1	Vial Water preserved split	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35Y2	Vial Water preserved split	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35Z1	Vial Water preserved split	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-35Z2	Vial Water preserved split	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36A	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36B	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36C	5 gram Encore Sampler	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36D	Plastic 2oz unpreserved for TS	G	NA		2.6	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-36D1	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-36D2	Plastic 2oz unpreserved for TS	E	NA		4.3	Y	Absent		HOLD-WETCHEM(),TS(7)
L1820814-36E	Metals Only-Glass 60mL/2oz unpreserved	G	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),HOLD-METAL(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1820814-36E1	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),HOLD-METAL(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-36E2	Metals Only-Glass 60mL/2oz unpreserved	E	NA		4.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),HOLD-METAL(180),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1820814-36F	Glass 120ml/4oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-36F1	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-36F2	Glass 120ml/4oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-36G	Glass 500ml/16oz unpreserved	G	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-36G1	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-36G2	Glass 500ml/16oz unpreserved	E	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HOLD-8081(14),HOLD-8270(14),NYTCL-8082(14),HEXCR-7196(30)
L1820814-36X	Vial MeOH preserved split	G	NA		2.6	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36X1	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36X2	Vial MeOH preserved split	E	NA		4.3	Y	Absent		HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36Y	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36Y1	Vial Water preserved split	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36Y2	Vial water preserved	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36Z	Vial Water preserved split	G	NA		2.6	Y	Absent	06-JUN-18 08:30	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36Z1	Vial Water preserved split	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-36Z2	Vial Water preserved split	E	NA		4.3	Y	Absent	07-JUN-18 02:48	HOLD-8260HLW(14),NYTCL-8260HLW(14)
L1820814-37A	Plastic 250ml unpreserved	B	7	7	4.2	Y	Absent		HEXCR-7196(1)
L1820814-37B	Plastic 250ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-METAL-DISSOLVED(180)
L1820814-37C	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		HOLD-METAL-TOTAL(180)
L1820814-37D	Plastic 250ml NaOH preserved	B	>12	>12	4.2	Y	Absent		HOLD-WETCHEM()

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Serial_No:06181817:12
Lab Number: L1820814
Report Date: 06/18/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-37E	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-37E1	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-37E2	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-37E3	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-37E4	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-37E5	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-37F	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8081(7)
L1820814-37G	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		TCN-9010(14),HOLD-8081(7)
L1820814-37H	Amber 500ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7),A2-1,4-DIOXANE-SIM(7),HOLD-1,4DIOX(7)
L1820814-37I	Amber 500ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7),A2-1,4-DIOXANE-SIM(7),HOLD-1,4DIOX(7)
L1820814-37J	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7)
L1820814-37K	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7)
L1820814-37L	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7)
L1820814-37M	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7)
L1820814-37O	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7),HOLD-8082()
L1820814-37P	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7),HOLD-8082()
L1820814-37Q	Amber 1000ml unpreserved	B	NA		4.2	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-37R	Amber 1000ml unpreserved	B	NA		4.2	Y	Absent		NYTCL-8082-1200ML(7)
L1820814-37X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-38A	Vial unpreserved	B	NA		4.2	Y	Absent		HOLD-8260(14),NYTCL-8260(7)
L1820814-38B	Vial unpreserved	B	NA		4.2	Y	Absent		HOLD-8260(14),NYTCL-8260(7)
L1820814-38C	Vial unpreserved	B	NA		4.2	Y	Absent		HOLD-8260(14),NYTCL-8260(7)
L1820814-38C1	Vial unpreserved	B	NA		4.2	Y	Absent		HOLD-8260(14)
L1820814-38D	Plastic 250ml unpreserved	B	7	7	4.2	Y	Absent		HEXCR-7196(1)

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

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Lab Number: L1820814
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820814-38E	Plastic 250ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-METAL-DISSOLVED(180)
L1820814-38F	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		HOLD-METAL-TOTAL(180)
L1820814-38G	Plastic 250ml NaOH preserved	B	>12	>12	4.2	Y	Absent		TCN-9010(14),HOLD-WETCHEM()
L1820814-38H	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14),NYTCL-8081(7)
L1820814-38H1	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-38H2	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-38H3	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-38H4	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-38H5	Plastic 250ml Trizma preserved	B	NA		4.2	Y	Absent		HOLD-537(14),A2-NY-537-ISOTOPE(14)
L1820814-38I	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8081(7),NYTCL-8081(7)
L1820814-38J	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8081(7)
L1820814-38K	Amber 500ml unpreserved	B	7	7	4.2	Y	Absent		A2-1,4-DIOXANE-SIM(7),HOLD-1,4DIOX(7)
L1820814-38L	Amber 500ml unpreserved	B	7	7	4.2	Y	Absent		A2-1,4-DIOXANE-SIM(7),HOLD-1,4DIOX(7)
L1820814-38M	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7)
L1820814-38N	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7)
L1820814-38O	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7),HERB-APA(7)
L1820814-38P	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7),HERB-APA(7)
L1820814-38Q	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8082(),NYTCL-8082-1200ML(7)
L1820814-38R	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8082(),NYTCL-8082-1200ML(7)
L1820814-38X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1820814-39A	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14),ARCHIVE()
L1820814-39B	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14),ARCHIVE()

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: DU Report with 'J' Qualifiers



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18**Data Qualifiers**

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- 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).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820814**Project Number:** 17-310**Report Date:** 06/18/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 122 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS). EPA Method 537, EPA/600/R-08/092. Version 1.1, September 2009.

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 its 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: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, 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		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 <div style="font-size: 1.5em; font-weight: bold;">1 of 4</div>		Date Rec'd In Lab 6/6/18		ALPHA Job # <div style="font-size: 1.2em;">11820814</div>																																																																																																																																																																													
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 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <div style="border: 1px solid black; padding: 2px; display: inline-block;">4 of 4</div>		Date Rec'd in Lab <u>6/6/18</u>		ALPHA Job # <u>L1820814</u>																																																																																																					
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Client Information Client: <u>53 West Hills Env. Ass.</u> Address: <u>53 West Hills Rd, Suite 1</u> <u>Huntington Sta, NY 11746</u> Phone: <u>(631) 673-0612</u> Fax: Email: <u>Labresults@lawrelenv.com</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other: <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																									
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:		ANALYSIS <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> EPA 8260C and 8270D EPA 8270D-SM EPA 537 EPA 8081B and 8151A EPA 7146 (ug/L) SM 4500 (mg/L) EPA 8082A Total Target 60820/Hg discharging </div> <div> Sample Filtration <input type="checkbox"/> Done <input checked="" type="checkbox"/> Lab to do <input type="checkbox"/> Preservation <input type="checkbox"/> Lab to do (Please Specify below) </div> </div>		Sample Specific Comments																																																																																																									
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>20814-19</td> <td>MW-A</td> <td>6/5/18</td> <td></td> <td>GW</td> <td>JB</td> </tr> <tr> <td>-80</td> <td>MW-B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-21</td> <td>MW-C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-22</td> <td>GW-DKP</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-23</td> <td>GW-MS</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-24</td> <td>GW-MSD</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date	Time	20814-19	MW-A	6/5/18		GW	JB	-80	MW-B					-21	MW-C					-22	GW-DKP					-23	GW-MS					-24	GW-MSD																																																																	Relinquished By: <u>[Signature]</u> Date/Time: <u>6/5/18 16:55</u> <u>6/6/18 02:00</u>		Received By: <u>[Signature]</u> Date/Time: <u>6/5/18 16:55</u> <u>6/6/18 2:00</u>	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		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.)																																																																																																					



ANALYTICAL REPORT

Lab Number:	L1820823
Client:	Laurel Environmental Associates, LTD 53 West Hills Road Suite 1 Huntington Station, NY 11746
ATTN:	Ken Wenz
Phone:	(631) 673-0612
Project Name:	480 FLUSHING AVE.
Project Number:	17-310
Report Date:	06/12/18

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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: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820823
Report Date: 06/12/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1820823-01	SV-1	SOIL_VAPOR	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 14:20	06/05/18
L1820823-02	SV-2	SOIL_VAPOR	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 13:50	06/05/18
L1820823-03	SV-3	SOIL_VAPOR	480 FLUSHING AVE., BROOKLYN, NY	06/04/18 13:52	06/05/18

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820823
Report Date: 06/12/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 480 FLUSHING AVE.
Project Number: 17-310

Lab Number: L1820823
Report Date: 06/12/18

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 31, 2018. The canister certification results are provided as an addendum.

L1820823-01 through -03: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L1820823-01 results for Acetone should be considered estimated due to co-elution with a non-target peak.

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: 06/12/18

AIR

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-01 D

Client ID: SV-1

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 14:20

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/10/18 08:42

Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	1.69	0.500	--	3.49	1.03	--		2.5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	3.04	0.500	--	7.77	1.28	--		2.5
1,3-Butadiene	56.3	0.500	--	125	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	0.560	0.500	--	1.48	1.32	--		2.5
Ethyl Alcohol	184	12.5	--	347	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	104	2.50	--	247	5.94	--		2.5
Trichlorofluoromethane	178	0.500	--	1000	2.81	--		2.5
iso-Propyl Alcohol	2.44	1.25	--	6.00	3.07	--		2.5
1,1-Dichloroethene	6.23	0.500	--	24.7	1.98	--		2.5
tert-Butyl Alcohol	3.67	1.25	--	11.1	3.79	--		2.5
Methylene chloride	2.33	1.25	--	8.09	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	ND	0.500	--	ND	1.56	--		2.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	36.2	0.500	--	277	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	9.30	0.500	--	37.6	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	8.89	1.25	--	26.2	3.69	--		2.5
cis-1,2-Dichloroethene	27.1	0.500	--	107	1.98	--		2.5



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-01 D

Client ID: SV-1

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 14:20

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	0.825	0.500	--	4.03	2.44	--		2.5
Tetrahydrofuran	6.02	1.25	--	17.8	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	5.07	0.500	--	17.9	1.76	--		2.5
1,1,1-Trichloroethane	134	0.500	--	731	2.73	--		2.5
Benzene	1.69	0.500	--	5.40	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	1.33	0.500	--	4.58	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	0.902	0.500	--	4.85	2.69	--		2.5
2,2,4-Trimethylpentane	2.60	0.500	--	12.1	2.34	--		2.5
Heptane	1.08	0.500	--	4.43	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	7.10	0.500	--	26.8	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	ND	0.500	--	ND	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	2.15	0.500	--	9.34	2.17	--		2.5



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-01 D

Date Collected: 06/04/18 14:20

Client ID: SV-1

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	8.46	1.00	--	36.7	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	3.10	0.500	--	13.5	2.17	--		2.5
4-Ethyltoluene	0.782	0.500	--	3.84	2.46	--		2.5
1,3,5-Trimethylbenzene	0.990	0.500	--	4.87	2.46	--		2.5
1,2,4-Trimethylbenzene	3.95	0.500	--	19.4	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	1.28	0.500	--	7.70	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	83		60-140



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-02 D

Client ID: SV-2

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:50

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/09/18 23:55

Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	20.6	2.00	--	45.6	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	163	50.0	--	307	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	241	10.0	--	572	23.8	--		10
Trichlorofluoromethane	33.9	2.00	--	191	11.2	--		10
iso-Propyl Alcohol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	24.8	2.00	--	98.3	7.93	--		10
tert-Butyl Alcohol	6.45	5.00	--	19.6	15.2	--		10
Methylene chloride	261	5.00	--	907	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	494	2.00	--	3790	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	5.45	2.00	--	22.1	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	9.78	5.00	--	28.8	14.7	--		10
cis-1,2-Dichloroethene	35.2	2.00	--	140	7.93	--		10



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-02 D

Client ID: SV-2

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:50

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	7.18	2.00	--	35.1	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	6.89	2.00	--	24.3	7.05	--		10
1,1,1-Trichloroethane	215	2.00	--	1170	10.9	--		10
Benzene	2.86	2.00	--	9.14	6.39	--		10
Carbon tetrachloride	5.14	2.00	--	32.3	12.6	--		10
Cyclohexane	ND	2.00	--	ND	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	274	2.00	--	1470	10.7	--		10
2,2,4-Trimethylpentane	2.48	2.00	--	11.6	9.34	--		10
Heptane	2.13	2.00	--	8.73	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	8.13	2.00	--	30.6	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	5.99	2.00	--	40.6	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-02 D

Client ID: SV-2

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:50

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	7.30	4.00	--	31.7	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	2.69	2.00	--	11.7	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	2.75	2.00	--	13.5	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	97		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-03 D
 Client ID: SV-3
 Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:52
 Date Received: 06/05/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/10/18 00:55
 Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	2.28	1.00	--	4.71	2.07	--		5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	58.8	1.00	--	130	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethyl Alcohol	221	25.0	--	416	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	338	5.00	--	803	11.9	--		5
Trichlorofluoromethane	285	1.00	--	1600	5.62	--		5
iso-Propyl Alcohol	2.88	2.50	--	7.08	6.15	--		5
1,1-Dichloroethene	4.87	1.00	--	19.3	3.96	--		5
tert-Butyl Alcohol	5.28	2.50	--	16.0	7.58	--		5
Methylene chloride	8.08	2.50	--	28.1	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	2.81	1.00	--	8.75	3.11	--		5
1,1,2-Trichloro-1,2,2-Trifluoroethane	168	1.00	--	1290	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	2.26	1.00	--	9.15	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	12.3	2.50	--	36.3	7.37	--		5
cis-1,2-Dichloroethene	61.7	1.00	--	245	3.96	--		5



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-03 D

Client ID: SV-3

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Date Collected: 06/04/18 13:52

Date Received: 06/05/18

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	14.5	1.00	--	70.8	4.88	--		5
Tetrahydrofuran	7.58	2.50	--	22.4	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	10.5	1.00	--	37.0	3.52	--		5
1,1,1-Trichloroethane	64.9	1.00	--	354	5.46	--		5
Benzene	5.10	1.00	--	16.3	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	1.76	1.00	--	6.06	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	63.9	1.00	--	343	5.37	--		5
2,2,4-Trimethylpentane	2.90	1.00	--	13.5	4.67	--		5
Heptane	2.53	1.00	--	10.4	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	10.7	1.00	--	40.3	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	4.72	1.00	--	32.0	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	2.32	1.00	--	10.1	4.34	--		5



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**SAMPLE RESULTS**

Lab ID: L1820823-03 D

Date Collected: 06/04/18 13:52

Client ID: SV-3

Date Received: 06/05/18

Sample Location: 480 FLUSHING AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	8.88	2.00	--	38.6	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	3.12	1.00	--	13.6	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	3.12	1.00	--	15.3	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	85		60-140



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/18 13:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-4								
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
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	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
iso-Propyl Alcohol	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
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/18 13:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-4								
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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
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
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1



Project Name: 480 FLUSHING AVE.

Lab Number: L1820823

Project Number: 17-310

Report Date: 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/18 13:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-4								
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



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/18 13:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-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 (C10)	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 (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1



Project Name: 480 FLUSHING AVE.

Lab Number: L1820823

Project Number: 17-310

Report Date: 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/18 13:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-4								
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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Project Name: 480 FLUSHING AVE.

Lab Number: L1820823

Project Number: 17-310

Report Date: 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/11/18 11:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-9								
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
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	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
iso-Propyl Alcohol	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
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/11/18 11:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-9								
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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
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
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1



Project Name: 480 FLUSHING AVE.

Lab Number: L1820823

Project Number: 17-310

Report Date: 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/11/18 11:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-9								
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



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/11/18 11:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-9								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-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 (C10)	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 (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/11/18 11:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1124327-9								
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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-3								
Chlorodifluoromethane	81		-		70-130	-		
Propylene	101		-		70-130	-		
Propane	90		-		70-130	-		
Dichlorodifluoromethane	71		-		70-130	-		
Chloromethane	108		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	105		-		70-130	-		
Methanol	106		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	111		-		70-130	-		
Butane	102		-		70-130	-		
Bromomethane	97		-		70-130	-		
Chloroethane	105		-		70-130	-		
Ethyl Alcohol	109		-		70-130	-		
Dichlorofluoromethane	99		-		70-130	-		
Vinyl bromide	103		-		70-130	-		
Acrolein	85		-		70-130	-		
Acetone	91		-		70-130	-		
Acetonitrile	108		-		70-130	-		
Trichlorofluoromethane	103		-		70-130	-		
iso-Propyl Alcohol	87		-		70-130	-		
Acrylonitrile	99		-		70-130	-		
Pentane	97		-		70-130	-		
Ethyl ether	100		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-3								
1,1-Dichloroethene	101		-		70-130	-		
tert-Butyl Alcohol	93		-		70-130	-		
Methylene chloride	113		-		70-130	-		
3-Chloropropene	108		-		70-130	-		
Carbon disulfide	103		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		-		70-130	-		
trans-1,2-Dichloroethene	82		-		70-130	-		
1,1-Dichloroethane	82		-		70-130	-		
Methyl tert butyl ether	78		-		70-130	-		
Vinyl acetate	96		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	84		-		70-130	-		
Ethyl Acetate	104		-		70-130	-		
Chloroform	86		-		70-130	-		
Tetrahydrofuran	80		-		70-130	-		
2,2-Dichloropropane	74		-		70-130	-		
1,2-Dichloroethane	82		-		70-130	-		
n-Hexane	103		-		70-130	-		
Isopropyl Ether	91		-		70-130	-		
Ethyl-Tert-Butyl-Ether	82		-		70-130	-		
1,1,1-Trichloroethane	87		-		70-130	-		
1,1-Dichloropropene	91		-		70-130	-		
Benzene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-3								
Carbon tetrachloride	94		-		70-130	-		
Cyclohexane	95		-		70-130	-		
Tertiary-Amyl Methyl Ether	81		-		70-130	-		
Dibromomethane	92		-		70-130	-		
1,2-Dichloropropane	97		-		70-130	-		
Bromodichloromethane	99		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Methyl Methacrylate	84		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	111		-		70-130	-		
trans-1,3-Dichloropropene	80		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	87		-		70-130	-		
1,3-Dichloropropane	85		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	97		-		70-130	-		
1,2-Dibromoethane	90		-		70-130	-		
Butyl Acetate	78		-		70-130	-		
Octane	78		-		70-130	-		
Tetrachloroethene	93		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-3								
1,1,1,2-Tetrachloroethane	86		-		70-130	-		
Chlorobenzene	89		-		70-130	-		
Ethylbenzene	87		-		70-130	-		
p/m-Xylene	88		-		70-130	-		
Bromoform	99		-		70-130	-		
Styrene	85		-		70-130	-		
1,1,2,2-Tetrachloroethane	100		-		70-130	-		
o-Xylene	94		-		70-130	-		
1,2,3-Trichloropropane	83		-		70-130	-		
Nonane (C9)	91		-		70-130	-		
Isopropylbenzene	89		-		70-130	-		
Bromobenzene	84		-		70-130	-		
o-Chlorotoluene	84		-		70-130	-		
n-Propylbenzene	85		-		70-130	-		
p-Chlorotoluene	84		-		70-130	-		
4-Ethyltoluene	91		-		70-130	-		
1,3,5-Trimethylbenzene	87		-		70-130	-		
tert-Butylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	100		-		70-130	-		
Decane (C10)	94		-		70-130	-		
Benzyl chloride	93		-		70-130	-		
1,3-Dichlorobenzene	94		-		70-130	-		
1,4-Dichlorobenzene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-3								
sec-Butylbenzene	89		-		70-130	-		
p-Isopropyltoluene	82		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
n-Butylbenzene	95		-		70-130	-		
1,2-Dibromo-3-chloropropane	88		-		70-130	-		
Undecane	105		-		70-130	-		
Dodecane (C12)	131	Q	-		70-130	-		
1,2,4-Trichlorobenzene	116		-		70-130	-		
Naphthalene	99		-		70-130	-		
1,2,3-Trichlorobenzene	102		-		70-130	-		
Hexachlorobutadiene	104		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-8								
Chlorodifluoromethane	82		-		70-130	-		
Propylene	100		-		70-130	-		
Propane	90		-		70-130	-		
Dichlorodifluoromethane	77		-		70-130	-		
Chloromethane	107		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	106		-		70-130	-		
Methanol	108		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	110		-		70-130	-		
Butane	106		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	106		-		70-130	-		
Ethyl Alcohol	108		-		70-130	-		
Dichlorofluoromethane	97		-		70-130	-		
Vinyl bromide	99		-		70-130	-		
Acrolein	85		-		70-130	-		
Acetone	94		-		70-130	-		
Acetonitrile	105		-		70-130	-		
Trichlorofluoromethane	104		-		70-130	-		
iso-Propyl Alcohol	89		-		70-130	-		
Acrylonitrile	100		-		70-130	-		
Pentane	99		-		70-130	-		
Ethyl ether	99		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-8								
1,1-Dichloroethene	104		-		70-130	-		
tert-Butyl Alcohol	96		-		70-130	-		
Methylene chloride	110		-		70-130	-		
3-Chloropropene	106		-		70-130	-		
Carbon disulfide	85		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	87		-		70-130	-		
trans-1,2-Dichloroethene	82		-		70-130	-		
1,1-Dichloroethane	81		-		70-130	-		
Methyl tert butyl ether	79		-		70-130	-		
Vinyl acetate	104		-		70-130	-		
2-Butanone	98		-		70-130	-		
cis-1,2-Dichloroethene	85		-		70-130	-		
Ethyl Acetate	103		-		70-130	-		
Chloroform	88		-		70-130	-		
Tetrahydrofuran	84		-		70-130	-		
2,2-Dichloropropane	77		-		70-130	-		
1,2-Dichloroethane	82		-		70-130	-		
n-Hexane	100		-		70-130	-		
Isopropyl Ether	89		-		70-130	-		
Ethyl-Tert-Butyl-Ether	84		-		70-130	-		
1,1,1-Trichloroethane	87		-		70-130	-		
1,1-Dichloropropene	87		-		70-130	-		
Benzene	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-8								
Carbon tetrachloride	90		-		70-130	-		
Cyclohexane	93		-		70-130	-		
Tertiary-Amyl Methyl Ether	80		-		70-130	-		
Dibromomethane	88		-		70-130	-		
1,2-Dichloropropane	92		-		70-130	-		
Bromodichloromethane	93		-		70-130	-		
1,4-Dioxane	95		-		70-130	-		
Trichloroethene	91		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Methyl Methacrylate	80		-		70-130	-		
Heptane	100		-		70-130	-		
cis-1,3-Dichloropropene	90		-		70-130	-		
4-Methyl-2-pentanone	106		-		70-130	-		
trans-1,3-Dichloropropene	79		-		70-130	-		
1,1,2-Trichloroethane	93		-		70-130	-		
Toluene	84		-		70-130	-		
1,3-Dichloropropane	83		-		70-130	-		
2-Hexanone	107		-		70-130	-		
Dibromochloromethane	96		-		70-130	-		
1,2-Dibromoethane	92		-		70-130	-		
Butyl Acetate	83		-		70-130	-		
Octane	80		-		70-130	-		
Tetrachloroethene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 480 FLUSHING AVE.

Lab Number: L1820823

Project Number: 17-310

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-8								
1,1,1,2-Tetrachloroethane	86		-		70-130	-		
Chlorobenzene	88		-		70-130	-		
Ethylbenzene	90		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	88		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	95		-		70-130	-		
1,2,3-Trichloropropane	85		-		70-130	-		
Nonane (C9)	92		-		70-130	-		
Isopropylbenzene	88		-		70-130	-		
Bromobenzene	85		-		70-130	-		
o-Chlorotoluene	86		-		70-130	-		
n-Propylbenzene	85		-		70-130	-		
p-Chlorotoluene	83		-		70-130	-		
4-Ethyltoluene	87		-		70-130	-		
1,3,5-Trimethylbenzene	89		-		70-130	-		
tert-Butylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Decane (C10)	92		-		70-130	-		
Benzyl chloride	96		-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1124327-8								
sec-Butylbenzene	89		-		70-130	-		
p-Isopropyltoluene	83		-		70-130	-		
1,2-Dichlorobenzene	95		-		70-130	-		
n-Butylbenzene	96		-		70-130	-		
1,2-Dibromo-3-chloropropane	91		-		70-130	-		
Undecane	104		-		70-130	-		
Dodecane (C12)	129		-		70-130	-		
1,2,4-Trichlorobenzene	113		-		70-130	-		
Naphthalene	100		-		70-130	-		
1,2,3-Trichlorobenzene	103		-		70-130	-		
Hexachlorobutadiene	104		-		70-130	-		

Lab Duplicate Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1124327-5 QC Sample: L1820823-02 Client ID: SV-2						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	20.6	22.1	ppbV	7		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	163	161	ppbV	1		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	241	240	ppbV	0		25
Trichlorofluoromethane	33.9	33.0	ppbV	3		25
iso-Propyl Alcohol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	24.8	25.0	ppbV	1		25
tert-Butyl Alcohol	6.45	ND	ppbV	NC		25
Methylene chloride	261	269	ppbV	3		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	494	515	ppbV	4		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	5.45	5.90	ppbV	8		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1124327-5 QC Sample: L1820823-02 Client ID: SV-2						
2-Butanone	9.78	10.1	ppbV	3		25
cis-1,2-Dichloroethene	35.2	34.8	ppbV	1		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	7.18	7.05	ppbV	2		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	6.89	6.72	ppbV	2		25
1,1,1-Trichloroethane	215	235	ppbV	9		25
Benzene	2.86	2.97	ppbV	4		25
Carbon tetrachloride	5.14	5.25	ppbV	2		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	274	292	ppbV	6		25
2,2,4-Trimethylpentane	2.48	2.56	ppbV	3		25
Heptane	2.13	2.20	ppbV	3		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis Batch Quality Control

Project Name: 480 FLUSHING AVE.

Project Number: 17-310

Lab Number: L1820823

Report Date: 06/12/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1124327-5 QC Sample: L1820823-02 Client ID: SV-2						
Toluene	8.13	8.67	ppbV	6		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	5.99	6.46	ppbV	8		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	2.06	ppbV	NC		25
p/m-Xylene	7.30	8.20	ppbV	12		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	2.69	2.84	ppbV	5		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	2.75	2.84	ppbV	3		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: 480 FLUSHING AVE.

Serial_No:06121814:52
Lab Number: L1820823

Project Number: 17-310

Report Date: 06/12/18

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 Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1820823-01	SV-1	0876	Flow 4	05/31/18	266889		-	-	-	Pass	17.9	17.3	3
L1820823-01	SV-1	535	2.7L Can	05/31/18	266889	L1819345-01	Pass	-30.0	-5.25	-	-	-	-
L1820823-02	SV-2	01034	Flow 4	05/31/18	266889		-	-	-	Pass	18.0	17.7	2
L1820823-02	SV-2	2299	2.7L Can	05/31/18	266889	L1819345-01	Pass	-29.9	-4.11	-	-	-	-
L1820823-03	SV-3	0973	Flow 4	05/31/18	266889		-	-	-	Pass	18.0	18.5	3
L1820823-03	SV-3	400	2.7L Can	05/31/18	266889	L1819345-01	Pass	-29.9	-4.65	-	-	-	-

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

Lab Number: L1819345
Report Date: 06/12/18

Air Canister Certification Results

Lab ID: L1819345-01
Client ID: CAN 522 SHELF 8
Sample Location:

Date Collected: 05/24/18 16:00
Date Received: 05/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 05/25/18 19:29
Analyst: GJ

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L1819345
Report Date: 06/12/18

Air Canister Certification Results

Lab ID: L1819345-01
Client ID: CAN 522 SHELF 8
Sample Location:

Date Collected: 05/24/18 16:00
Date Received: 05/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
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
1,1,1-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
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1



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

Lab Number: L1819345
Report Date: 06/12/18

Air Canister Certification Results

Lab ID: L1819345-01
Client ID: CAN 522 SHELF 8
Sample Location:

Date Collected: 05/24/18 16:00
Date Received: 05/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1



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

Lab Number: L1819345
Report Date: 06/12/18

Air Canister Certification Results

Lab ID: L1819345-01
Client ID: CAN 522 SHELF 8
Sample Location:

Date Collected: 05/24/18 16:00
Date Received: 05/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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**Lab Number:** L1819345**Project Number:** CANISTER QC BAT**Report Date:** 06/12/18**Air Canister Certification Results**

Lab ID: L1819345-01

Date Collected: 05/24/18 16:00

Client ID: CAN 522 SHELF 8

Date Received: 05/25/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	79		60-140

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

Lab Number: L1819345
Report Date: 06/12/18

Air Canister Certification Results

Lab ID: L1819345-01
Client ID: CAN 522 SHELF 8
Sample Location:

Date Collected: 05/24/18 16:00
Date Received: 05/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 05/25/18 19:29
Analyst: GJ

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



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

Lab Number: L1819345
Report Date: 06/12/18

Air Canister Certification Results

Lab ID: L1819345-01
Client ID: CAN 522 SHELF 8
Sample Location:

Date Collected: 05/24/18 16:00
Date Received: 05/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1819345**Project Number:** CANISTER QC BAT**Report Date:** 06/12/18**Air Canister Certification Results**

Lab ID: L1819345-01

Date Collected: 05/24/18 16:00

Client ID: CAN 522 SHELF 8

Date Received: 05/25/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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	80		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	80		60-140

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

N/A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1820823-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1820823-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1820823-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: Data Usability Report



Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18**Data Qualifiers**

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: 480 FLUSHING AVE.**Lab Number:** L1820823**Project Number:** 17-310**Report Date:** 06/12/18

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: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

AIR ANALYSIS						PAGE <u>1</u> OF <u>1</u>	Date Rec'd in Lab: <u>6/6/18</u>	ALPHA Job #: <u>L8 20823</u>											
CHAIN OF CUSTODY 320 Forbes Blvd, Mansfield, MA 02048 TEL: 508-822-9300 FAX: 508-822-3288						Project Information		Report Information - Data Deliverables											
Client Information Client: <u>Laurel Environmental Associates,</u> Address: <u>53 West Hills Rd, Suite 1</u> <u>Huntington Sta., NY 11746</u> Phone: <u>(631) 673-0612</u> Fax: Email: <u>Labresults@laurelenv.com</u> <input type="checkbox"/> These samples have been previously analyzed by Alpha						Project Name: <u>480 Flushing Ave</u>		<input type="checkbox"/> FAX <input checked="" type="checkbox"/> ADEX Criteria Checker: (Default based on Regulatory Criteria Indicated) Other Formats: <input checked="" type="checkbox"/> EMAIL (standard pdf report) <input checked="" type="checkbox"/> Additional Deliverables: <u>NYSDEC EQUIS, ASPB</u> Report to: (if different than Project Manager) <u>Package, ADEX</u>											
						Project Location: <u>480 Flushing Ave, Brooklyn</u>													
Project #:						Project Manager: <u>Ken Wenz</u>		Billing Information <input checked="" type="checkbox"/> Same as Client info PO #: <u>17-201XW</u> <u>17-210/KW</u>											
ALPHA Quote #:																			
Turn-Around Time								Regulatory Requirements/Report Limits											
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH (only confirmed if pre-approved!) Date Due: Time:																			
Other Project Specific Requirements/Comments:						ANALYSIS <div style="float:right; text-align:center;"> <input type="checkbox"/> TO-15 TO-15 SIM APH Substrate Non-petroleum HCs Fixed Gases Sulfides & Mercaptans by TO-15 </div>													
Project-Specific Target Compound List: <input type="checkbox"/>																			
All Columns Below Must Be Filled Out																			
ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Substrate Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum													
<u>20823.01</u>	<u>SV-1</u>	<u>6/4/18</u>	<u>1220</u>	<u>1420</u>	<u>-29.74</u>	<u>-4.89</u>	<u>SV</u>	<u>JB</u>	<u>2.7L</u>	<u>535</u>	<u>0576</u>	<input checked="" type="checkbox"/>							<u>PID: 9.8ppm</u>
<u>.02</u>	<u>SV-2</u>	<u>↓</u>	<u>1140</u>	<u>1350</u>	<u>-30.00</u>	<u>-3.76</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>229</u>	<u>01034</u>	<input checked="" type="checkbox"/>							<u>↓ : 5.2ppm</u>
<u>.03</u>	<u>SV-3</u>	<u>↓</u>	<u>1130</u>	<u>1352</u>	<u>-30.20</u>	<u>-4.09</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>400</u>	<u>0473</u>	<input checked="" type="checkbox"/>							<u>↓ : 10.8ppm</u>
*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: <u>[Signature]</u>		Date/Time: <u>6/5/18 15:45</u>		Received By: <u>Renee Jackson, AAL</u>		Date/Time: <u>6/5 15:45</u>													
<u>[Signature]</u>		<u>6/5 2000</u>		<u>[Signature]</u>		<u>6/6/18 02:00</u>													
<u>[Signature]</u>		<u>06/06/18 05:40</u>		<u>[Signature]</u>		<u>6/6/18 05:40</u>													

Form No: 101-02 Rev: (25-Sep-15)

APPENDIX D

Soil Boring Logs and Well Construction Diagrams



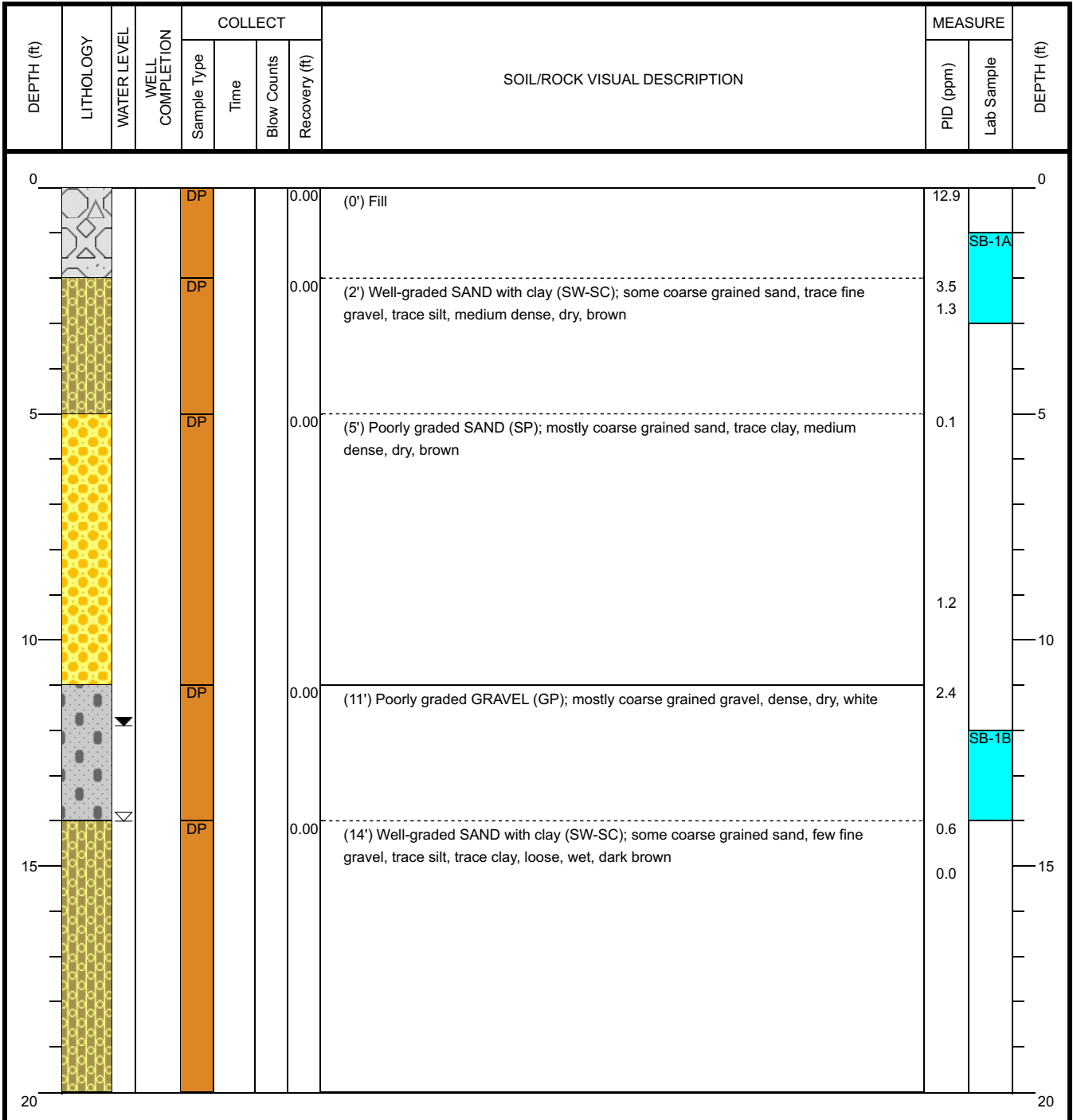
Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

WELL LOG
Well No. SB-1
Page: 1 of 2

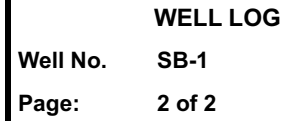
Drilling Start Date: 06/04/2018 13:10
Drilling End Date: 06/04/2018 13:25
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 14.0
DTW After Drilling (ft): 11.9
Top of Casing Elev. (ft): 12.00
Location (X,Y): -74.04, 40.945556

Well Depth (ft): 20.0
Well Diameter (in): 2.0
Screen Slot (in): 0.020
Riser Material: Sch 40 PVC
Screen Material: Sch 40 PVC Slotted
Seal Material(s): Bent. Pellets
Filter Pack: Sand Pack



NOTES:



Well Depth (ft):	20.0
Well Diameter (in):	2.0
Screen Slot (in):	0.020
Riser Material:	Sch 40 PVC
Screen Material:	Sch 40 PVC Slotted
Seal Material(s):	Bent. Pellets
Filter Pack:	Sand Pack

[illegible]

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

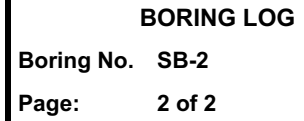
BORING LOG
Boring No. SB-2
Page: 1 of 2

Drilling Start Date: 06/05/2018 14:35
Drilling End Date: 06/05/2018 15:15
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Sauvik Chakraborty

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 15.0
DTW After Drilling (ft):
Ground Surface Elev. (ft): 16.00
Location (X,Y): -74.037778, 40.945278

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				DP			0.00	(0') Well-graded SAND with silt (SW-SM); mostly fine-medium grained sand, few silt, brown	0.0		0
				DP			0.00	(1') Well-graded SAND (SW); mostly medium grained sand, Greyish-brownish tan	0.0		
				DP			0.00	(2') Poorly graded SAND (SP); mostly coarse grained sand, light brown	0.0		
5				DP			0.00	(5') Well-graded SAND (SW); some medium-coarse grained sand, light brown	0.0	SB-2A	5
				DP			0.00	(6') Well-graded SAND with silt (SW-SM); some fine-medium grained sand, trace fine gravel, few silt, few clay, light brown	0.0		
				DP			0.00	(8') Well-graded SAND with silt (SW-SM); some medium-coarse grained sand, few fine gravel, few clay, light brown	0.0		
10				DP			0.00	(11') Poorly graded SAND (SP); mostly coarse grained sand, Greyish (ashy)	0.0		
				DP			0.00	(11.5') Clayey SAND (SC); some fine grained sand, little clay, poorly graded, wet, brown	0.0		
15				DP			0.00	(15') Well-graded SAND (SW); some medium-coarse grained sand, few fine gravel, few silt, wet, brown	0.0	SB-2B	15
20											20

NOTES:



Boring Depth (ft):	20.0
Boring Diameter (in):	2.75
Sampling Method(s):	Direct Push
DTW During Drilling (ft):	15.0
DTW After Drilling (ft):	
Ground Surface Elev. (ft):	16.00
Location (X,Y):	-74.037778, 40.945278

[illegible]

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
Boring No. SB-3
Page: 1 of 2

Drilling Start Date: 06/05/2018 10:25
Drilling End Date: 06/05/2018 10:40
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 14.0
DTW After Drilling (ft):
Ground Surface Elev. (ft): 16.00
Location (X,Y): -74.038611, 40.943333

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				DP			0.00	(0') Well-graded SAND with clay (SW-SC); mostly coarse grained sand, trace fine gravel, trace silt, medium dense, dry, light brown	0.0		0
				DP			0.00	(1') Well-graded SAND with silt (SW-SM); mostly medium grained sand, trace silt, medium dense, dry, light brown	2.4	SB-3A	
				DP			0.00	(3') Poorly graded SAND with clay (SP-SC); some coarse grained sand, trace silt, trace clay, medium dense, dry, light brown	0.0		
5				DP			0.00	(5') Fat CLAY (CH); mostly clay, high plasticity, medium stiff, dry, light brown	0.0		5
				DP			0.00	(7') Fat CLAY (CH); trace fine gravel, mostly clay, high plasticity, medium stiff, dry, light brown	0.0		
				DP			0.00	(9') Poorly graded GRAVEL (GP); mostly coarse grained gravel, dense, dry, white	0.0		
10				DP			0.00	(10') Fat CLAY (CH); trace fine gravel, mostly clay, high plasticity, medium stiff, dry, light brown	0.0	SB-3B	10
				DP			0.00	(13') Fat CLAY (CH); mostly clay, high plasticity, stiff, moist, light brown	0.0		
15				DP			0.00	(14') Poorly graded SAND with clay (SP-SC); mostly fine grained sand, few fine gravel, trace silt, trace clay, loose, wet, light brown	0.0		15
20											20

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
Boring No. SB-3
Page: 2 of 2

Drilling Start Date: 06/05/2018 10:25
Drilling End Date: 06/05/2018 10:40
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 14.0
DTW After Drilling (ft):
Ground Surface Elev. (ft): 16.00
Location (X,Y): -74.038611, 40.943333

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
20								(20') Boring terminated			20
25											25
30											30
35											35
40											40

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

WELL LOG
Well No. SB-4
Page: 1 of 2

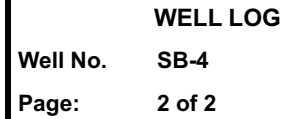
Drilling Start Date: 06/04/2018 09:10
Drilling End Date: 06/04/2018 10:10
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 15.0
DTW After Drilling (ft): 11.7
Top of Casing Elev. (ft): 16.00
Location (X,Y): -74.035278, 40.943056

Well Depth (ft): 20.0
Well Diameter (in): 2.0
Screen Slot (in): 0.020
Riser Material: Sch 40 PVC
Screen Material: Sch 40 PVC Slotted
Seal Material(s): Bent. Pellets
Filter Pack: Sand Pack

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				DP	09:10			(0') Fill			0
				DP				(1') Poorly graded GRAVEL (GP); mostly coarse grained gravel, trace medium-coarse sand, medium dense, brown			
				DP				(3') Silty SAND (SM); mostly fine grained sand, trace silt, poorly graded, loose, pale brown			
5				DP				(5') Poorly graded SAND (SP); mostly coarse grained sand, trace silt, loose, dry, light brown	2.2	SB-4A	5
				DP				(6') Fat CLAY (CH); mostly clay, high plasticity, stiff, dry, light brown	1.8		
10				DP				(11') Fill			10
				DP				(12') Poorly graded GRAVEL with silt and sand (GP-GM); some coarse grained gravel, some fine sand, trace silt, medium dense, light brown		SB-4B	
15				DP				(15') Poorly graded SAND with clay (SP-SC); mostly medium grained sand, trace silt, trace clay, medium dense, wet, dark brown			15
20											20

NOTES: Hole precleared using other.



Well Depth (ft):	20.0
Well Diameter (in):	2.0
Screen Slot (in):	0.020
Riser Material:	Sch 40 PVC
Screen Material:	Sch 40 PVC Slotted
Seal Material(s):	Bent. Pellets
Filter Pack:	Sand Pack

NOTES: Hole precleared using other.



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
Boring No. SB-5
Page: 1 of 2

Drilling Start Date: 06/05/2018 11:20
Drilling End Date: 06/05/2018 11:50
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 12.0
DTW After Drilling (ft):
Ground Surface Elev. (ft): 16.00
Location (X,Y): -74.036667, 40.942222

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				DP			0.00	(0') Well-graded SAND with clay (SW-SC); some coarse grained sand, few silt, loose, dry, dark brown	0.0		0
				DP			0.00	(1') Concrete	0.0		
				DP			0.00	(2') Well-graded SAND (SW); some coarse grained sand, trace silt, loose, dry, black	7.8	SB-5A	
5				DP			0.00	(5') Well-graded SAND with silt (SW-SM); some coarse grained sand, trace silt, loose, dry, dark brown	0.0		5
				DP			0.00	(6') Fat CLAY (CH); mostly clay, high plasticity, medium stiff, moist, light brown	0.0		
10				DP			0.00	(11') Poorly graded GRAVEL (GP); mostly coarse grained gravel, dense, dry, gray	0.0		10
				DP			0.00	(12') Silty SAND (SM); some coarse grained sand, trace fine gravel, few silt, few clay, well-graded, medium dense, wet, light brown	0.0	SB-5B	
15											15
20											20

NOTES: Hole precleared to 0.0'.



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
Boring No. SB-5
Page: 2 of 2

Drilling Start Date: 06/05/2018 11:20
Drilling End Date: 06/05/2018 11:50
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 12.0
DTW After Drilling (ft):
Ground Surface Elev. (ft): 16.00
Location (X,Y): -74.036667, 40.942222

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
20								(20') Boring terminated			20
25											25
30											30
35											35
40											40

NOTES: Hole precleared to 0.0'.



Client: Law Office of Theodore W. Firetog
 Project: 17-310R3
 Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
 Boring No. SB-6
 Page: 1 of 2

Drilling Start Date: 06/05/2018 13:20
 Drilling End Date: 06/27/2018 14:00
 Drilling Company: Laurel Environmental Associates, Ltd
 Drilling Method: Direct Push
 Drilling Equipment: Geoprobe
 Driller: Carlos Hernandez
 Logged By: Sauvik Chakraborty

Boring Depth (ft): 20.0
 Boring Diameter (in): 2.75
 Sampling Method(s): Direct Push
 DTW During Drilling (ft): 14.5
 DTW After Drilling (ft):
 Ground Surface Elev. (ft): 16.00
 Location (X,Y): -74.036667, 40.943333

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				DP			0.00	(0') Well-graded SAND (SW); some coarse grained sand, few fine gravel, light brown	0.0		0
				DP			0.00	(1') SILT (ML); few fine-medium sand, some silt, some clay, light brown	0.0		
										SB-6A	
5				DP			0.00	(5') Poorly graded SAND with silt (SP-SM); mostly medium grained sand, few silt, Greyish-brown	0.0		5
				DP			0.00	(6') Poorly graded SAND (SP); mostly medium grained sand, gray	0.0		
				DP			0.00	(6.5') Fat CLAY (CH); mostly clay, high plasticity, brown	0.0		
				DP			0.00	(8') Silty SAND (SM); some medium grained sand, few silt, few clay, well-graded, brown	0.0		
10				DP			0.00	(10') Poorly graded SAND (SP); mostly fine grained sand, light brown	0.0		10
				DP			0.00	(11') Well-graded SAND (SW); mostly medium grained sand, few fine gravel, dark brown	0.0		
				DP			0.00	(12') Well-graded SAND (SW); mostly coarse grained sand, few fine gravel, Golden-brownish tan	0.0		
				DP			0.00	(12.5') Poorly graded SAND with clay (SP-SC); mostly fine grained sand, brown	0.0		
				DP			0.00	(14.5') Well-graded SAND (SW); mostly medium-coarse grained sand, few coarse gravel, saturated, dark brown	0.0		
15				DP			0.00	(15') Well-graded SAND with silt (SW-SM); mostly medium grained sand, few fine gravel, few silt, wet, light brown	0.0		15
				DP			0.00	(18') Gravelly lean CLAY (CL); few fine-coarse gravel, few medium sand, mostly clay, medium plasticity, wet, dark brown	0.0		
20											20

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
Boring No. SB-6
Page: 2 of 2

Drilling Start Date: 06/05/2018 13:20

Drilling End Date: 06/27/2018 14:00

Drilling Company: Laurel Environmental Associates, Ltd

Drilling Method: Direct Push

Drilling Equipment: Geoprobe

Driller: Carlos Hernandez

Logged By: Sauvik Chakraborty

Boring Depth (ft): 20.0

Boring Diameter (in): 2.75

Sampling Method(s): Direct Push

DTW During Drilling (ft): 14.5

DTW After Drilling (ft):

Ground Surface Elev. (ft): 16.00

Location (X,Y): -74.036667, 40.943333

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
20								(20') Boring terminated			20
25											25
30											30
35											35
40											40

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

WELL LOG
Well No. SB-7
Page: 1 of 2

Drilling Start Date: 06/04/2018 12:05
Drilling End Date: 06/04/2018 12:15
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 14.0
DTW After Drilling (ft): 10.6
Top of Casing Elev. (ft):
Location (X,Y):

Well Depth (ft):
Well Diameter (in): 2.0
Screen Slot (in): 0.020
Riser Material: Sch 40 PVC
Screen Material: Sch 40 PVC Slotted
Seal Material(s): Bent. Pellets
Filter Pack: Sand Pack

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				DP				(0') Poorly graded SAND with clay (SP-SC); mostly fine grained sand, trace silt, loose, dry, dark brown	0.2		0
				DP				(2') Poorly graded SAND with clay (SP-SC); mostly fine grained sand, medium dense, dry, brown	0.1		
				DP				(4') Fat CLAY (CH); mostly clay, high plasticity, stiff, dry, brown	2.7	SB-7A	5
				DP				(7') Poorly graded GRAVEL (GP); mostly coarse grained gravel, dense, dry, White	0.0		
10				DP				(10') Poorly graded SAND with clay (SP-SC); mostly coarse grained sand, trace silt, medium dense, dry, brown	1.2		10
				DP				(12') Poorly graded GRAVEL (GP); mostly coarse grained gravel, dense, dry, Pink	0.0	SB-7B	
				DP				(14') Silty SAND (SM); some coarse grained sand, trace fine gravel, trace silt, well-graded, medium dense, wet, brown	0.8		15
20				DP				(19') Well-graded SAND with clay (SW-SC); some coarse grained sand, trace fine gravel, trace silt, medium dense, wet, black	0.0		20

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
Boring No. SB-8
Page: 1 of 2

Drilling Start Date: 06/05/2018 12:10
Drilling End Date: 06/05/2018 12:40
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 15.0
DTW After Drilling (ft):
Ground Surface Elev. (ft): 16.00
Location (X,Y): -74.037222, 40.945278

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				DP				0.00 (0') Fill	0.0		0
				DP				0.00 (2') Well-graded SAND (SW); some coarse grained sand, medium dense, dry, brown	0.0		
5				DP				0.00 (5') Lean CLAY (CL); mostly clay, medium plasticity, brown	0.0		5
				DP	09:16			0.00 (7') Poorly graded GRAVEL (GP); mostly coarse grained gravel, dense, white	0.0		
				DP				0.00 (8') Fat CLAY (CH); mostly clay, high plasticity, black	0.0	SB-8A	
10				DP					0.0		10
				DP				0.00 (12') Fill	7.8	SB-8B	
15				DP				0.00 (15') Well-graded SAND (SW); mostly coarse grained sand, black	0.0		15
20											20

NOTES:



Client: Law Office of Theodore W. Firetog
Project: 17-310R3
Address: 480 Flushing Avenue, Brooklyn, NY

BORING LOG
Boring No. SB-8
Page: 2 of 2

Drilling Start Date: 06/05/2018 12:10
Drilling End Date: 06/05/2018 12:40
Drilling Company: Laurel Environmental Associates, Ltd.
Drilling Method: Direct Push
Drilling Equipment: Geoprobe
Driller: Carlos Hernandez
Logged By: Jamie Burgher

Boring Depth (ft): 20.0
Boring Diameter (in): 2.75
Sampling Method(s): Direct Push
DTW During Drilling (ft): 15.0
DTW After Drilling (ft):
Ground Surface Elev. (ft): 16.00
Location (X,Y): -74.037222, 40.945278

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
20								(20') Boring terminated			20
25											25
30											30
35											35
40											40

NOTES:

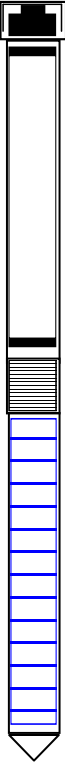


NOTES:

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

Monitoring Well Installation Log

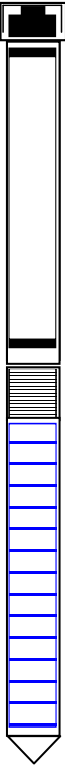
Client:	<u>480 FLUSHING LLC</u>	Well ID:	<u>MW-A</u>
Site Location:	<u>480 Flushing Avenue, Brooklyn, NY</u>	Well Location:	<u>See Sketch</u>
Job#:	<u>17-310</u>	Surface Elev. (ft):	<u>16</u>
Geologist:	<u>Jamie Burgher</u>	DTW (ft) :	<u>11.570</u>
Driller:	<u>Carlos Hernandez</u>	Drill Rig:	<u>Geoprobe 6712DT</u>
Weather:	<u>Cloudy</u>	Drill Method:	<u>Direct Push</u>
Temp:	<u>55 Degrees Fahrenheit</u>	Sample Type:	<u>Split</u>
Date:	<u>6/4/2018</u>		<u>Grab</u>
*All measurements taken from top of well casing			<u>Core X</u>

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	
1		2" Sch. 40 Riser	Concrete	
2		2" Sch. 40 Riser	Bentonite	
3		2" Sch. 40 Riser	#2 Well Gravel	
4		2" Sch. 40 Riser	#2 Well Gravel	
5		2" Sch. 40 Riser	#2 Well Gravel	
6		2" Sch. 40 Riser	#2 Well Gravel	
7		2" Sch. 40 Riser	#2 Well Gravel	
8		2" Sch. 40 Riser	#2 Well Gravel	
9		2" Sch. 40 Riser	#2 Well Gravel	
10		2" .020" Slot Screen	#2 Well Gravel	
11		2" .020" Slot Screen	#2 Well Gravel	GW measured to be 11.570 feet below surface
12		2" .020" Slot Screen	#2 Well Gravel	
13		2" .020" Slot Screen	#2 Well Gravel	
14		2" .020" Slot Screen	#2 Well Gravel	
15		2" .020" Slot Screen	#2 Well Gravel	
16		2" .020" Slot Screen	#2 Well Gravel	
17		2" .020" Slot Screen	#2 Well Gravel	
18		2" .020" Slot Screen	#2 Well Gravel	
19		2" .020" Slot Screen	#2 Well Gravel	
20		Endcap	#2 Well Gravel	

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

Monitoring Well Installation Log

Client: <u>480 FLUSHING LLC</u>	Well ID: <u>MW-B</u>
Site Location: <u>480 Flushing Avenue, Brooklyn, NY</u>	Well Location: <u>See Sketch</u>
Job#: <u>17-310</u>	Surface Elev. (ft): <u>16</u>
Geologist: <u>Jamie Burgher</u>	DTW (ft) : <u>11.740</u>
Driller: <u>Carlos Hernandez</u>	Drill Rig: <u>Geoprobe 6712DT</u>
Weather: <u>Cloudy</u>	Drill Method: <u>Direct Push</u>
Temp: <u>55 Degrees Fahrenheit</u>	Sample Type: <u>Split</u>
Date: <u>6/4/2018</u>	<u>Grab</u>
*All measurements taken from top of well casing	
	<u>Core X</u>

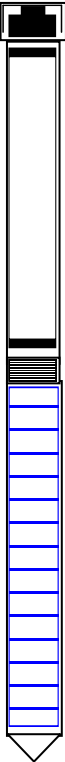
DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	
1		2" Sch. 40 Riser	Concrete	
2		2" Sch. 40 Riser	Bentonite	
3		2" Sch. 40 Riser	#2 Well Gravel	
4		2" Sch. 40 Riser	#2 Well Gravel	
5		2" Sch. 40 Riser	#2 Well Gravel	
6		2" Sch. 40 Riser	#2 Well Gravel	
7		2" Sch. 40 Riser	#2 Well Gravel	
8		2" Sch. 40 Riser	#2 Well Gravel	
9		2" Sch. 40 Riser	#2 Well Gravel	
10		2" .020" Slot Screen	#2 Well Gravel	
11		2" .020" Slot Screen	#2 Well Gravel	GW measured to be 11.740 feet below surface
12		2" .020" Slot Screen	#2 Well Gravel	
13		2" .020" Slot Screen	#2 Well Gravel	
14		2" .020" Slot Screen	#2 Well Gravel	
15		2" .020" Slot Screen	#2 Well Gravel	
16		2" .020" Slot Screen	#2 Well Gravel	
17		2" .020" Slot Screen	#2 Well Gravel	
18		2" .020" Slot Screen	#2 Well Gravel	
19		2" .020" Slot Screen	#2 Well Gravel	
20		Endcap	#2 Well Gravel	

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

Monitoring Well Installation Log

Client:	<u>480 FLUSHING LLC</u>	Well ID:	<u>MW-C</u>
Site Location:	<u>480 Flushing Avenue, Brooklyn, NY</u>	Well Location:	<u>See Sketch</u>
Job#:	<u>17-310</u>	Surface Elev. (ft):	<u>16</u>
Geologist:	<u>Jamie Burgher</u>	DTW (ft) :	<u>10.545</u>
Driller:	<u>Carlos Hernandez</u>	Drill Rig:	<u>Geoprobe 6712DT</u>
Weather:	<u>Cloudy</u>	Drill Method:	<u>Direct Push</u>
Temp:	<u>55 Degrees Fahrenheit</u>	Sample Type:	<u>Split</u>
Date:	<u>6/4/2018</u>		<u>Grab</u>
			<u>Core X</u>

*All measurements taken from top of well casing

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	
1		2" Sch. 40 Riser	Concrete	
2		2" Sch. 40 Riser	Bentonite	
3		2" Sch. 40 Riser	#2 Well Gravel	
4		2" Sch. 40 Riser	#2 Well Gravel	
5		2" Sch. 40 Riser	#2 Well Gravel	
6		2" Sch. 40 Riser	#2 Well Gravel	
7		2" Sch. 40 Riser	#2 Well Gravel	
8		2" Sch. 40 Riser	#2 Well Gravel	
9		2" Sch. 40 Riser	#2 Well Gravel	
10		2" .020" Slot Screen	#2 Well Gravel	GW measured to be 10.545 feet below surface
11		2" .020" Slot Screen	#2 Well Gravel	
12		2" .020" Slot Screen	#2 Well Gravel	
13		2" .020" Slot Screen	#2 Well Gravel	
14		2" .020" Slot Screen	#2 Well Gravel	
15		2" .020" Slot Screen	#2 Well Gravel	
16		2" .020" Slot Screen	#2 Well Gravel	
17		2" .020" Slot Screen	#2 Well Gravel	
18		2" .020" Slot Screen	#2 Well Gravel	
19		2" .020" Slot Screen	#2 Well Gravel	
20		Endcap	#2 Well Gravel	

APPENDIX E

Data Usability Summary Reports