
**69-02 QUEENS BOULEVARD
46-09 69th Street and 46-10 70th Street
Woodside, NY
Block 2432 Lots 8 and 9
Formerly Lots 8, 9, 21, 41, 44 and 50
BCP SITE NO. C241235**

**REMEDIAL INVESTIGATION
REPORT**

February 2020
Revised April 2020

Prepared for:

QB Development Owner LLC
825 3rd Avenue, 37th Floor
New York, NY 10022



ENVIRONMENTAL BUSINESS CONSULTANTS

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TABLE OF CONTENTS
REMEDIAL INVESTIGATION REPORT
69-02 Queens Boulevard.

1.0	INTRODUCTION	1
1.1	Site Location and Description	1
1.2	Redevelopment Plans	2
1.3	Site History	2
1.4	Summary of Previous Investigations	3
2.0	REMEDIAL INVESTIGATION	6
2.1	Field Investigation	6
2.2	Deviations from the Remedial Investigation Work Plan	6
2.3	Geophysical Survey	6
2.4	Soil Sampling	7
2.4.1	<i>Sitewide Soil Borings</i>	7
2.4.2	<i>Lead Delineation Soil Borings</i>	7
2.4.3	<i>Soil Sample Analysis</i>	7
2.5	Monitoring Well Installation	8
2.5.1	<i>Groundwater Sampling</i>	8
2.5.2	<i>Groundwater Sample Analysis</i>	8
2.6	Soil Vapor Sampling	8
2.6.1	<i>Installation of Soil Vapor Implants</i>	9
2.6.2	<i>Surface Seal Test Procedure</i>	9
2.6.3	<i>Soil Vapor Sample Collection</i>	9
2.7	Laboratory Analysis	9
2.7.1	<i>Analytical Results – Soil Samples</i>	10
2.7.2	<i>Analytical Results – Groundwater Samples</i>	12
2.7.3	<i>Analytical Results – Soil Vapor Samples</i>	14
2.7.4	<i>Data Usability Summary Report</i>	14
3.0	HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING	15
3.1	Site Topography	15
3.2	Surrounding Land Use	15
3.3	Regional Geology / Hydrogeology	15
3.4	Site Geology / Hydrogeology	15
4.0	NATURE AND EXTENT OF CONTAMINATION	16
4.1	Identification of Source Areas	16
4.2	Groundwater Impacts	16
4.3	Soil-Vapor Impacts	16
4.4	Site Conceptual Model	16
5.0	QUALITATIVE EXPOSURE ASSESSMENT	18
5.1	Contaminant Source	18
5.2	Contaminant Release and Transport Mechanism	18
5.3	Point of Exposure, Route of Exposure and Potentially Exposed Populations	18
6.0	CONCLUSIONS AND RECOMENDATIONS	20
7.0	REFERENCES	21

TABLE OF CONTENTS
REMEDIAL INVESTIGATION REPORT
69-02 Queens Boulevard.

TABLES

Table 1	Summary of Sampling Program Rationale and Analysis
Table 2	Monitoring Well Specifications and Elevation
Table 3	Laboratory Results – Soil Samples, Volatile Organic Compounds
Table 4	Laboratory Results – Soil Samples, Semi-Volatile Organic Compounds
Table 5	Laboratory Results – Soil Samples, Pesticides/PCBs
Table 6a	Laboratory Results – Soil Samples, Metals
Table 6b	Laboratory Results – Soil Samples, Lead Delineation
Table 7	Laboratory Results – Soil Samples, PFAS
Table 8	Laboratory Results – Groundwater Samples, Volatile Organic Compounds
Table 9	Laboratory Results – Groundwater Samples, Semi-Volatile Organic Compounds
Table 10	Laboratory Results – Groundwater Samples, Pesticides/PCBs
Table 11	Laboratory Results – Groundwater Samples, Total Metals
Table 12	Laboratory Results – Groundwater Samples, Dissolved Metals
Table 13	Laboratory Results – Groundwater Samples, PFAS
Table 14	Laboratory Results – Soil Vapor Samples, Volatile Organic Compounds
Table 15	Parameters Detected Above Track 1 Soil Cleanup Objectives
Table 16	Parameters Detected Above Ambient Groundwater Standards

FIGURES

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Soil Sampling Locations
Figure 4	Soil Gas and Groundwater Sampling Locations
Figure 5	Groundwater Elevation Map
Figure 6a	Posted Soil Results Above Unrestricted / Restricted Residential SCOs
Figure 6b	Posted Lead Hotspot Delineation
Figure 7	Groundwater Results above AWQS
Figure 8	Soil Gas Detections

APPENDICES

Appendix A	Soil Boring Logs
Appendix B	Monitoring Well Completion Reports
Appendix C	Groundwater Sampling Logs
Appendix D	Soil Vapor Sampling Log
Appendix E	Laboratory Reports (On Disk)
Appendix F	Data Usability Summary Reports

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
AST	Aboveground Storage Tank
BCP	Brownfields Cleanup Program
BCA	Brownfield Site Cleanup Agreement
CVOC	Chlorinated VOC
ESA	Environmental Site Assessment
EBC	Environmental Business Consultants
IRM	Interim Remedial Measure Work Plan
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PID	Photo-Ionization Detector
PCB	Polychlorinated Biphenyls
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIWR	Remedial Investigation Work Plan
SVOC	Semi-Volatile Organic Compound
UST	Underground Storage Tank
VOC	Volatile Organic Compound

REPORT CERTIFICAION

I, Charles Sosik, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



Charles Sosik, PG
Principal

Date: 4/21/2020

1.0 INTRODUCTION

This Remedial Investigation Report (RIR) was prepared on behalf of QB Development Owner LLC for the property located at 69-02 Queens Boulevard, Woodside, New York (the Site). An application for acceptance into the New York State Brownfield Cleanup Program (BCP) was submitted to the New York State Department of Environmental Conservation (DEC). On September 19, 2019, QB Development Owner LLC was notified that the Site was accepted into the BCP with QB Development Owner LLC classified as a Volunteer. The Brownfield Cleanup Agreement (BCA) was fully executed on October 11, 2019.

The purpose of this Remedial Investigation Report is to collect data of sufficient quality and quantity to characterize the nature and extent of residual contamination associated with the UST(s) / historic operations at the Site and to complete a qualitative exposure assessment for future occupants of the proposed building and the surrounding community and to evaluate alternatives to remediate the contamination.

The overall objectives of the project are to prepare the Site for commercial use and to remediate known and unknown environmental conditions at the Site to the satisfaction of the NYSDEC and the New York State Department of Health (NYSDOH). The field work portion of the RI was conducted by EBC in November/December 2019.

1.1 Site Location and Description

The Site is located in the Woodside section of Queens County (**Figure 1**) and is comprised of six, contiguous irregular-shaped tax parcels identified as Block 2432, Lots 8 and 9. The Site is located between Queens Boulevard to the north, 70th Street to the east, 47th Avenue to the south and 69th Street to the west (**Figure 2**). The Site is approximately 1.65 acres (71,862 sf).

All buildings and aboveground structures have been demolished at the Site with only the concrete building slabs and asphalt paving remaining.

The elevation of the property is approximately 41 feet above mean sea level. The topography within the immediate area slopes gradually to the southeast. Groundwater occurs beneath the Site at a depth of approximately 10.5 to 19.5 feet below grade. Based on groundwater elevation at the Site, groundwater flow is to the southeast.

Adjacent land use includes commercial (retail) businesses to the west, Queens Boulevard and commercial (retail) to the north, a new multi-story mixed used building, residential and mixed-use buildings to the east and a church, school (St Illuminator) and LIRR to the south. The area surrounding the property is highly urbanized and predominantly consists of commercial (retail) businesses along the Queens Boulevard corridor with community buildings, mixed-use (retail / office / contractor / residential) buildings south of the corridor and predominantly residential homes on the north side.

There are three schools located within 1,200 feet of the Site including the St. Illuminator Armenian School, located approximately 70 feet to the southeast, the Tiegerman Middle School located approximately 375 feet to the southeast and PS 12 located approximately 1,150 feet to the Northeast. There were no nursing homes or hospitals identified within 1,200 feet of the Site.

1.2 Redevelopment Plans

The Volunteer intends to redevelop the property with a new 15-story (161.5-foot) mixed residential/commercial building and one 12-story (140-foot) residential building, totaling approximately 547,668 gross square feet (gsf). The Project would comprise approximately 409,787 gsf of mixed-income residential space, of which approximately 30 percent (144 dwelling units) would be allocated as permanently affordable for residents with incomes averaging 80 percent Area Median Income (AMI); approximately 10,896 gsf of ground floor retail space and approximately 45,853 gsf of at-grade accessory parking Street (246 parking spaces). Additionally, approximately 81,483 gsf will be utilized as community space for a K-5, 476 student school

1.3 Site History

Historically, the property was comprised of three tax parcels and portions of eight additional tax parcels fronting along Madison Avenue and Franklin Street by 1902. The southeastern portion of the subject property was developed with two, 1 to 3-story dwellings; one 1- to 2-story commercial store; two 1- to 2-story stables; one unidentified 1-story building and one 2-story garage. The northwestern portion of the subject property was developed with one, 2-story vacant building and iron storage.

The remainder of the subject property was undeveloped. By 1914, the subject property was comprised of five tax parcels and portions of three additional tax parcels fronting along Ramsey Avenue, Adams Street and Frisk Avenue. The southeastern portion of the subject property was developed generally consistent with the 1902 map depiction with the exception that the garage has been converted to a Wood Shop used by C. Tymann, Contractor. The northwestern portion of the subject property was developed with one, 2-story industrial building occupied by the Mosrant International Aviators Incorporated. The remainder of the subject property was undeveloped. By 1932, the subject property was comprised of six tax parcels and portions of an additional tax parcel fronting along Queens Boulevard, 70th Street, 47th Avenue and 69th Street. The southeastern portion of the subject property was developed with two, 2-story dwellings; two 1-story structures identified for auto use; two interconnected 2-story building identified as vacant, and two unidentified 1-story structures. The north-central portion of the subject property was developed with one, 1-story commercial store; one, 1-story kitchen and one, 1-story structure identified for auto use. The northwestern portion of the subject property was developed with one 1-story structure identified as auto sales and auto repair with paint spraying. The remainder of the subject property was undeveloped.

By 1951, the vacant building on the southeast was identified as Sheet Metal Shop with two of the 1-story structures identified for welding. The north-central portion of the subject property was developed with two new structures: one, 1-story commercial store and one, 1-story unidentified structure. In addition, the structure on the northwest was identified as a private garage, office, truck repair and paint spraying.

By 1981, the two 2-story structures along the southeastern border remained with one identified as a dwelling and the other identified as woodworking. One, 1-story manufacturing structure was present on the southwestern portion and reportedly constructed in 1962. One, 2-story warehouse was present along the southern border and reportedly constructed in 1962. One, 1-story commercial structure was present on the west-central portion and reportedly constructed in 1972. One, 1-story filling station

was present on the northwestern portion, with no gasoline tanks depicted. The previous structures on the north-central portion became interconnected and identified as a commercial store and commercial structure. Motorcycle Sales & Service was identified on the northeastern corner, with parking identified at the center of the subject property. The remainder of the subject property was undeveloped.

By 1982, the warehouse along the southern border was identified as the St. Illuminator Armenian School. By 1986, the woodworking structure along the southeastern border was demolished. By 1993, an additional 1-story structure was constructed on the northwestern portion of the subject property. The northwestern portion of the Site (Lot 9) was occupied by a Service Station from at least 1972 through 2004 when the underground storage tanks and dispenser systems were removed. A petroleum spill (No. 93-04343) was associated with Lot 9 from 1993 until March 12, 2019 when it was closed by the NYSDEC.

The subject property has been used for a variety of commercial, industrial and residential uses from 1897 to the present day.

1.4 Summary of Previous Investigations

Environmental investigations performed at the Site include the following:

- Phase I Environmental Site Assessment - EBC (August 2019)
- Phase II Subsurface Investigation - EBC (March 2019)

August 2018 – Phase I Environmental Site Assessment (EBC)

Based on the results of the site inspection, records review and interviews, it was determined that there were several RECs identified for the subject property. These RECs are summarized as follows:

- The historic use of Lot 9 as an auto repair shop and gasoline filling station from 1932 until 2015;
- The former presence of 8 USTs on Lot 9, with no documentation regarding their removal;
- The current presence of one UST on Lot 44, with no documentation provided including no recent tank tightness testing; and
- One active NYSPILLS case (Spill No. 9304343) on Lot 9.

The Phase I concluded the following:

Lot 9 has been the subject of several previous environmental investigations and remedial activity. A total of approximately 5,270.8 tons of petroleum-impacted soil have been removed from the area with on-going quarterly groundwater monitoring.

EBC identified several historic recognized environmental condition (HRECs), environmental concerns (ASTM Non-Scope issues)/Business Environmental Risks (BERs). The HRECs, environmental concerns/BERs and EBC's recommendations are summarized as follows:

- The presence of one closed LTANKS case (Spill No. 0312172) and five closed NYSPILLS cases (Spill Nos. 0312172, 0404768, 9811087, 0901267, 0404766) on Lot 9 represent a HREC for which no further action is required.

- Historical fill (noted at varying depths) with elevated SVOCs and metals was noted in the Phase II investigation conducted by EBC in February and April 2018.
- Lot 21, Tax Block 2432, 69-20 Queens Boulevard, and Lot 9, Tax Block 2432, 69-02 Queens Boulevard are listed on the E-Designation database as having a HazMat, Noise and Air restriction (E-163), which was determined during the Maspeth/Woodside Rezoning completed by the City in June 2006 (CEQR 060294ZMQ).
- A visual inspection of painted surfaces conducted during the site inspection indicated the interior paints were generally in fair condition. The building exterior walls were finished with painted aluminum siding and painted and unpainted brick. The lead contents of the paints are unknown; however, due to the age of the subject property buildings, the presence of LBP is possible.
- Observed suspect asbestos-containing materials included vinyl tiles, ceiling tiles and pipe insulation within the subject property buildings on Lots 41 and 44. In addition, due to the age of the subject property buildings, it is likely that inaccessible building materials may contain asbestos.

March 2019 – Phase II Subsurface Investigation Report (EBC)

Field work for the Subsurface Investigation was performed February and April 2018. Field work consisted of the installation of fourteen soil borings (B1 through B14) and five monitoring wells. The depth to groundwater ranged from 15 to 16 feet below surface.

Thirteen soil samples were analyzed for SVOCs, pesticides, metals and TCLP lead. Five groundwater samples were collected from the monitoring wells and submitted for VOC analysis.

The Report concluded the following:

The shallow soil sample retained from B3 exhibited an odor and staining. Several VOCs were detected in groundwater samples collected at the Site. No petroleum-related VOCs were identified.

The soil samples collected from the historic fill layer contained elevated concentrations of SVOCs and metals above the intended residential use of the Site. In addition some of the soil failed the TCLP analysis for lead which will result in a hazardous classification for at least some of the fill. All soil removed from the Site for excavation will require proper classification, handling and disposal under an approved Remedial Action Work Plan, Construction Health and Safety Plan and Community Air Monitoring Plan. Soil of this quality is not suitable for disposal at most facilities in NYC and on Long Island and will require transport to facilities in NJ, PA or DE.

April 2019 – Soil Gas / Subslab Vapor Sampling (EBC)

On March 29, 2019, two sub-slab soil gas implants (SS1 and SS2) and three soil vapor implants (SG1, SG2, SG3) were installed and five soil vapor samples were collected for chemical analysis. The samples were collected to evaluate the potential for vapor intrusion into the planned Tower II building at the site, which is the location of a planned school. The NYC School Construction Authority requested the evaluation.

Soil vapor samples collected during the Soil Vapor Intrusion Assessment showed low concentrations of petroleum-related VOCs (BTEX) and chlorinated VOCs (CVOCs). The total concentration of BTEX ranged from 22.13 $\mu\text{g}/\text{m}^3$ to 45.90 $\mu\text{g}/\text{m}^3$. Total CVOCs ranged from 1.57 $\mu\text{g}/\text{m}^3$ to 3.81 $\mu\text{g}/\text{m}^3$. Tetrachloroethene (PCE), trichloroethene (TCE), carbon tetrachloride and vinyl chloride were not reported at elevated concentrations in any of the samples.

Petroleum related VOCs were generally reported at low concentrations within the sub-slab soil gas and soil vapor samples. Elevated levels of heptane and hexane were reported in the SG2 sample. Heptane and hexane represent lighter end petroleum VOCs typically associated with gasoline; however, elevated levels of other gasoline components were not reported in the sample.

Low levels of CVOCs including carbon tetrachloride, PCE and vinyl chloride were detected in four of the five samples, but at concentrations well below applicable regulatory criteria.

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

A supplemental subsurface investigation was performed by EBC in accordance with the October 2019 Remedial Investigation Work Plan approved by the NYSDEC. The field work portion of the RI was conducted by EBC on November 6, 7, 21, 22, 25, 26, 2019 and on December 2, 2019. The field investigation consisted of environmental sampling, field observations and measurements to:

- Delineate the extent of any soil impacts and to obtain additional information on soil quality with respect to Soil Cleanup Objectives (SCOs);
- Delineate extent of contamination surrounding the hazardous lead areas;
- To assess groundwater impacts; and
- To assess vapor phase VOCs.

The field effort included the collection and analysis of soil, groundwater and soil vapor samples. Laboratory services for soil, groundwater and soil vapor analysis were provided by Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut (NY Cert No. 11301). A sample matrix showing the number, type and analysis of samples collected during the Remedial Investigation is provided as **Table 1**.

2.2 Deviations from the Remedial Investigation Work Plan

The following changes were made in performing the Remedial Investigation:

- Soil boring 19B12 was moved approximately 25' south due to access limitations to the building on Lot 50.
- Soil boring 19B16 was moved approximately 16' west due to access limitations to the building on Lot 44.
- SG7 was installed to approximately 3' below surface grade because a layer of perched water was encountered at 5' below surface grade.

2.3 Geophysical Survey

Prior to beginning drilling at the Site a geophysical survey consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) surveys and comprehensive subsurface utility location (CSUL) was performed to identify the location of a suspect UST on the lot 44 portion of the Site.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator.

The GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the

signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A large geophysical anomaly resembling an underground storage tank (UST) was identified during the Geophysical Survey. It is located on the exterior of the southern portion of the building on Lot 44, beneath the sidewalk. The size of the UST is unknown. A copy of the Geophysical Survey Report is provided in digital form in **Attachment C**.

2.4 Soil Sampling

A total of 24 soil borings were advanced between November 6, 2019, and November 22, 2019, to identify source areas, to obtain general soil quality information present at the Site, and to delineate the hazardous lead area. See **Figure 3** for the locations of all soil borings.

2.4.1 Site-wide Soil Borings

On November 6, 7, 21 and 22, eighteen soil borings (19B1 - 19B18) were advanced across the Site. From soil boring locations 19B2 - 19B17, soil samples were collected continuously in 5-foot intervals to a depth of 20 feet below grade. From soil boring locations 19B1 and 19B18, soil samples were collected continuously in 5-foot intervals to depths of 40 feet below grade and 30 feet below grade, respectively. A track mounted Geoprobe™ model 6712DT sampling system was used. The Geoprobe™ uses a direct push hydraulic percussion system to drive and retrieve core samplers. Soil samples were retrieved using a dual tube sampler which retrieves a 1.25-inch diameter by 60-inch long soil core within an acetate liner. Each soil sample recovered from the soil borings was characterized by an environmental professional (EP) and field screened for the presence of VOCs using a PID. The EP's field observations and PID readings were recorded for each boring in a soil boring log (**Appendix A**).

2.4.2 Lead Delineation Soil Borings

On November 7 and 25, six soil borings (2PB1-2PB3, and 3PB1-3PB3) were advanced around the two lead hotspot areas. From each of the soil boring locations, soil samples were collected continuously in 4-foot intervals to a depth of 16 feet below grade. A track mounted Geoprobe™ model 6712DT sampling system was used. The Geoprobe™ uses a direct push hydraulic percussion system to drive and retrieve core samplers. Soil samples were retrieved using a dual tube sampler which retrieves a 1.25-inch diameter by 48-inch long soil core within an acetate liner. Each soil sample recovered from the soil borings was characterized by an EP and field screened for the presence of VOCs using a PID. The EP's field observations and PID readings were recorded for each boring in a soil boring log (**Appendix A**).

2.4.3 Soil Sample Analysis

A total of 62 soil samples were retained for laboratory analysis from the 24 soil borings. The soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix. The soil samples were analyzed for one or more of the following analyses depending on boring location and depth: VOCs EPA Method 8260B, PFOS Compounds EPA Method 537, SVOCs plus 1,4 dioxane EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals EPA 6010, Total Lead USEPA Method 6010, TCLP Lead USEPA Method

1311. Soil sample analytical results are compared with NYSDEC Part 375.6 Unrestricted Use SCOs and Residential Restricted SCOs.

2.5 Monitoring Well Installation

Nine monitoring wells (19MW1 through 19MW9) were installed at the Site between November 19, 2019 - November 22, 2019. Each of the wells were installed with a track mounted Geoprobe™ model 7822DT using 6.25 inch hollow stem augers. 19MW1 through 19MW 6 and 19MW9 were installed to a depth of approximately 25 feet below grade with 10 feet of 0.010 PVC well screen and 15 feet of PVC riser. 19MW7 and 19MW8 were installed to a depth of approximately 18 feet below grade with 10 feet of 0.010 PVC well screen and 8 feet of PVC riser. The wells were constructed of 2-inch diameter PVC casing and 0.010-inch slotted PVC well screen.

A No.00 morie filter-pack sand filled the annulus surrounding the screen within two feet above the top of the screen. A one-foot hydrated bentonite seal was then placed on top of the filter sand and the remainder of the borehole was backfilled to grade. Following installation, each of the wells were surveyed to determine relative casing elevation to the nearest 0.01 ft and horizontal position to the nearest 0.1 ft. Groundwater elevations and monitoring well specifications for each well is provided in **Table 2**. Monitoring well locations are identified in **Figure 4**. Well completion reports detailing monitoring well construction are provided in **Appendix B**.

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements were obtained from the monitoring wells to determine the water table elevation and to calculate the volume of standing water in the well. The DTW was measured in all monitoring wells on November 26, 2019. The depth to groundwater ranged from 10.56 to 19.31 feet below grade. The well casing elevations were surveyed on December 3, 2019 by NYS licensed surveyor (AAA Group of Brooklyn, NY). Depth to water \measurements and survey readings are provided in **Table 2**. A groundwater elevation map is provided as **Figure 5**.

2.5.1 Groundwater Sampling

Each of the nine monitoring wells were sampled on November 26, 2019 or December 2, 2019. A peristaltic pump and dedicated polyethylene tubing were used to collect the samples. Samples were collected directly into pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix. Groundwater sampling logs are provided in **Appendix C**.

2.5.2 Groundwater Sample Analysis

All groundwater samples from the monitoring wells were analyzed for VOCs EPA Method 8260B, PFOS Compounds EPA Method 537, SVOCs and 1,4-dioxane, EPA Method 8270 SIM, pesticide / PCBs EPA Method 8081/8082, metals EPA 6010 dissolved and total. Groundwater results are compared to NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS), June 1998.

2.6 Soil Vapor Sampling

Nine (9) soil vapor samples were collected during the RI on November 25, 2019. Soil vapor samples SG4 through SG6 and SG8 through SG12 were collected from 15 feet below grade. Soil vapor

sample SG7 was collected from approximately 3 feet below grade because a layer of perched water was encountered at approximately 5 feet below grade. Soil vapor sampling locations are shown on **Figure 4**. All soil vapor samples were collected over a 2-hr sampling period. Soil vapor samples were collected in accordance with the procedures as described in the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH 10/06)*.

2.6.1 Installation of Soil Vapor Implants

Soil vapor implants for SG4 through SG12 were installed between November 6 and November 22, 2019. The soil vapor implants (Geoprobe™ Model 6712DT), were constructed of a 6-inch length of double woven stainless-steel wire and installed to a depth of 15 ft below grade (except SG7, which was installed to 3 ft below grade) using Geoprobe™ equipment. During installation, the barbed end of each soil vapor implant was attached to ¼-inch polyethylene tubing which extended approximately 24 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the soil vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface. The tubing and borehole were then sealed at the surface with hydrated granular bentonite and a 12" x 12" (approx.) plastic sheet.

2.6.2 Surface Seal Test Procedure

In accordance with NYSDOH guidance, a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. This was accomplished by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Ionscience Gas Check G).

The tracer gas test procedure was employed at all 9 soil vapor sampling locations. All seals tested tight with no infiltration of helium through the surface.

2.6.3 Soil Vapor Sample Collection

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) were purged with a handheld vacuum pump prior to collecting the samples to ensure samples collected were representative. After purging, a 6-liter summa canister, fitted with a 2-hour flow regulator was attached to the surface tube of each of the sampling points and the valve opened to initiate sampling. Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Appendix E**). When the remaining vacuum in the canisters was between 2- and 5-inches Hg, (after approximately 2 hours of run-time) the valve was closed, and the canisters were detached from the sampling tube. Each of the 6-liter summa canisters were picked up the following day by a Phoenix laboratory courier and delivered to Phoenix for laboratory analysis of VOCs by USEPA Method TO-15.

2.7 Laboratory Analysis

Data tables summarizing the laboratory results are provided in **Tables 3 through 14** and copies of the laboratory reports (with chains-of-custody) are included in digital format in **Appendix E**. Soil sample results were compared to both Unrestricted Use Soil Cleanup Objectives (SCOs) and

Restricted Residential SCOs as promulgated in 6 NYCRR Subpart 375-6. Groundwater results were compared to NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS), June 1998. **Table 15** contains a list of parameters detected above Track 1 Unrestricted Use SCOs and the range in detections. **Table 16** contains a list of parameters detected above Ambient Water Quality Standards and Guidance Values (AWQS) and the range in detections.

2.7.1 Analytical Results – Soil Samples

A total of 62 soil samples were collected from 24 soil borings for laboratory analysis of one or more of the following: VOCs EPA Method 8260B, PFOS Compounds EPA Method 537, SVOCs plus 1,4 dioxane EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals EPA 6010, Total Lead USEPA Method 6010, TCLP Lead USEPA Method 1311.

Soil sampling results are summarized in **Tables 3 through 7**. All soil results above Unrestricted Use SCOs are presented in **Table 15** and posted on **Figure 6A** and **Figure 6B**. Soil samples collected from the borings had elevated levels of VOCs, SVOCs, metals and pesticides that exceeded Unrestricted Use SCOs and/or Restricted Residential SCOs as follows:

VOCs in Soil Above Unrestricted Use SCOs:

19B1 (20-22) – 1,2,4-Trimethylbenzene (7 mg/Kg), Benzene (0.34 mg/Kg), Ethylbenzene (6 mg/Kg), M&P Xylenes (5.1 mg/Kg), O-Xylene (0.54 mg/Kg)

19B10 (0-2) - m&p Xylenes (0.45 mg/Kg)

19B18 (18-20) - 1,3,5-Trimethylbenzene (35 mg/Kg), Ethylbenzene (38 mg/Kg), Naphthalene (16 mg/Kg), n-Propylbenzene (22 mg/Kg), O-Xylene (33 mg/Kg), Toluene (7.9 mg/Kg)

VOCs in Soil Above Restricted Use SCOs:

19B18 (18-20) - 1,2,4-Trimethylbenzene (110 mg/Kg), m&p-xylenes (110 mg/Kg)

SVOCs in Soil Above Unrestricted Use SCOs:

19B5 (0-2) - Benzo(k)fluoranthene (2.3 mg/Kg), Chrysene 3.5 mg/Kg)

19B10 (18-20) - Benzo(k)fluoranthene (3.2 mg/Kg)

19B12 (0-2) - Benzo(k)fluoranthene (1.2 mg/Kg)

19B15 (0-2) - Benzo(k)fluoranthene (1 mg/Kg), Chrysene 1.3 mg/Kg

19B16 (0-2) - Benzo(k)fluoranthene (3.4 mg/Kg)

19B17 (0-2) - Ideno(1,2,3-cd)pyrene (0.53 mg/Kg)

SVOCs in Soil Above Restricted Residential SCOs:

19B5 (0-2) - Benzo(a)anthracene (3.1 mg/Kg), Benzo(a)pyrene (2.7 mg/Kg), Benzo(b)fluoranthene (2.8 mg/Kg), Dibenzo(a,h)anthracene (0.4 mg/Kg), Ideno(1,2,3-cd)pyrene (2.2 mg/Kg)

19B10 (18-20) - Benzo(a)anthracene (5.8 mg/Kg), Benzo(a)pyrene (5.8 mg/Kg), Benzo(b)fluoranthene (6.5 mg/Kg), Chrysene 5.6 mg/Kg, Dibenzo(a,h)anthracene (1.1 mg/Kg), Ideno(1,2,3-cd)pyrene (3.4 mg/Kg)

19B12 (0-2) - Benzo(a)anthracene (1.6 mg/Kg), Benzo(a)pyrene (1.6 mg/Kg), Benzo(b)fluoranthene (1.3 mg/Kg), Chrysene 1.6 mg/Kg, Ideno(1,2,3-cd)pyrene (2.2 mg/Kg)

19B14 (0-2) - Ideno(1,2,3-cd)pyrene (0.58 mg/Kg)

19B15 (0-2) - Benzo(a)anthracene (1.3 mg/Kg), Benzo(a)pyrene (1.3 mg/Kg), Benzo(b)fluoranthene (1.1 mg/Kg), Ideno(1,2,3-cd)pyrene (0.87 mg/Kg)

19B16 (0-2) - Benzo(a)anthracene (5.2 mg/Kg), Benzo(a)pyrene (4.9 mg/Kg), Benzo(b)fluoranthene (4 mg/Kg), Chrysene (5 mg/Kg), Dibenzo(a,h)anthracene (0.78 mg/Kg), Ideno(1,2,3-cd)pyrene (3.1 mg/Kg)

19B17 (0-2) - Ideno(1,2,3-cd)pyrene (0.53 mg/Kg)

Pesticides in Soil Above Unrestricted Use SCOs:

19B2 (0-2') - 4,4'-DDT (0.0081 mg/Kg)

19B2 (0-2') - 4,4'-DDD (0.0064 mg/Kg)

PCBs in Soil Above Unrestricted Use SCOs:

19B10 (18-20) – PCB1254 (0.19 mg/Kg)

Metals in Soil Above Unrestricted Use SCOs:

19B2 (0-2') - Mercury (0.19 mg/Kg)

19B2 (0-2') - Mercury (0.20 mg/Kg)

19B3 (0-2') - Copper (57.7 mg/Kg), Lead (145 mg/Kg), Mercury (0.19 mg/Kg), Zinc (439 mg/Kg)

19B4 (0-2') - Copper (75.1 mg/Kg), Lead (366 mg/Kg), Zinc (217 mg/Kg)

19B5 (0-2') - Copper (181 mg/Kg), Lead (210 mg/Kg), Zinc (164 mg/Kg)

19B6 (0-2') - Copper (92.1 mg/Kg), Lead (191 mg/Kg), Mercury (0.19 mg/Kg), Zinc (211 mg/Kg)

19B7 (0-2') - Copper (111 mg/Kg), Lead (161 mg/Kg), Zinc (193 mg/Kg)

19B8 (0-2') - Zinc (446 mg/Kg)

19B9 (0-2') - Copper (50.2 mg/Kg)

19B10 (0-2') - Copper (102 mg/Kg), Lead (381 mg/Kg), Zinc (394 mg/Kg)

19B11 (0-2') - Cadmium (2.59 mg/Kg), Copper (122 mg/Kg), Lead (307 mg/Kg), Zinc (536 mg/Kg)

19B12 (0-2') - Copper (72.8 mg/Kg), Mercury (0.52 mg/Kg), Zinc (368 mg/Kg)

19B13 (0-2') - Mercury (0.35 mg/Kg), Zinc (540 mg/Kg)

19B14 (0-2') - Lead (245 mg/Kg), Mercury (0.77 mg/Kg), Zinc (119 mg/Kg)

19B15 (0-2') - Copper (8.3 mg/Kg), Lead (146 mg/Kg)

19B16 (0-2') - Lead (225 mg/Kg), Mercury (0.58 mg/Kg), Zinc (139 mg/Kg)

Metals in Soil Above Restricted Residential SCOs:

19B8 (0-2') - Copper (305 mg/Kg), Lead (425 mg/Kg)

19B12 (0-2') - Lead (1,150 mg/Kg)

19B13 (0-2') - Lead (439 mg/Kg)

19B15 (0-2') - Arsenic (16.3 mg/Kg)

19B17 (0-2') - Lead (597 mg/Kg)

PFAS Compounds Detected in Soil

19B3 (0-2') - Perfluorooctanesulfonic Acid (0.00122 ug/Kg)

19B5 (0-2') - Perfluorooctanesulfonic Acid (0.00134 ug/Kg)

19B6 (0-2') - Perfluorooctanesulfonic Acid (0.00137 ug/Kg)

2.7.2 Analytical Results – Groundwater Samples

A total of nine (9) groundwater samples were collected for laboratory analysis of VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals, pesticides/PCBs (EPA Method 8081/8082), PFAS Compounds (EPA Method 537) and/or 1,4-dioxane (EPA Method 8270).

The results of groundwater samples collected during the RI are summarized in **Tables 8 through 13**. Several VOC, SVOC and metal detections were in excess of the NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance

Values (AWQS), June 1998. Groundwater parameters reported above groundwater standards are presented in **Table 16** and posted on **Figure 7**.

VOCs in Groundwater Above NYSDEC AWQS:

MW9 – 1,2,4-Trimethylbenzene (500 µg/L), 1,3,4-Trimethylbenzene (120 µg/L), Benzene (7.2 µg/L), Ethylbenzene (200 µg/L), isopropylbenzene (18 µg/L), m-p-xylene (1,100 µg/L), Naphthalene (82 µg/L), n-propylbenzene (39 µg/L), o-xylene (190 µg/L), toluene (85 µg/L)

SVOCs in Groundwater Above NYSDEC AWQS:

MW7 – Benz(a)anthracene (0.04 µg/L), benzo(a)pyrene (0.02 µg/L), benzo(b)fluoranthene (0.02 µg/L), chrysene (0.04 µg/L)

Dissolved Metals in Groundwater Above NYSDEC AWQS:

MW1 – Magnesium (36.1 mg/L), Manganese (2.7 mg/L), Sodium (93 mg/L)

MW2 – Manganese (2.33 mg/L), Sodium (36.5 mg/L)

MW3 – Selenium (0.12 mg/L), Manganese (0.27 mg/L), Sodium (56.6 mg/L)

MW4 – Manganese (1.79 mg/L), Sodium (163 mg/L)

MW5 – Manganese (0.448 mg/L), Sodium (152 mg/L)

MW6 – Antimony (0.0054 mg/L), Magnesium (41.2 mg/L), Manganese (0.329 mg/L), Sodium (25.1 mg/L)

MW7 – Antimony (0.016 mg/L), Magnesium (46.9 mg/L), Manganese (0.83 mg/L), Sodium (48.5 mg/L)

MW9 – Magnesium (37.4 mg/L), Manganese (2.94 mg/L), Sodium (118 mg/L)

Emerging Contaminants in Groundwater:

MW1 – Combined PFOS / PFAS - 0.392 µg/L

MW2 – Combined PFOS / PFAS - 0.11 µg/L

MW3 – Combined PFOS / PFAS - 0.224 µg/L

MW4 – Combined PFOS / PFAS - 0.107 µg/L

MW5 – Combined PFOS / PFAS - 0.203 µg/L

MW6 – Combined PFOS / PFAS - 0.239 µg/L

MW7 – Combined PFOS / PFAS - 0.244 µg/L

MW8 – Combined PFOS / PFAS - 0.108 µg/L

Total Metals in Groundwater Above NYSDEC AWQS:

Multiple metals were reported above standards in the unfiltered samples from all of the wells including aluminum, chromium, iron, lead, magnesium, manganese and sodium. As demonstrated by the filtered samples, these detections are a function of suspended solids in the sample and are not representative of metals concentrations dissolved in the groundwater.

2.7.3 Analytical Results – Soil Vapor Samples

Soil vapor samples were collected from nine soil vapor implants (SG4 – SG12) installed across the Site.

Total petroleum-related VOCs (BTEX) were low in soil vapor samples. Total BTEX compounds ranged from $7.15 \mu\text{g}/\text{m}^3$ (SG8) to $14.82 \mu\text{g}/\text{m}^3$ (SG9). Chlorinated VOCs (CVOCs) were reported in all of the soil vapor samples at relatively low concentrations with carbon tetrachloride reported in 8 samples ranging from $0.26 \mu\text{g}/\text{m}^3$ to $0.51 \mu\text{g}/\text{m}^3$, tetrachloroethene (PCE) reported in all 9 samples ranging from $0.58 \mu\text{g}/\text{m}^3$ to $37.1 \mu\text{g}/\text{m}^3$ and trichloroethene (TCE) reported in 5 samples ranging from $0.24 \mu\text{g}/\text{m}^3$ to $27.6 \mu\text{g}/\text{m}^3$. Soil vapor results are summarized on **Table 14** and posted on **Figure 8**.

2.7.4 Data Usability Summary Report

Data validation services were provided by Koman Government Solutions, LLC (KGS) of Westborough, Massachusetts. KGS reported that, in general, the data are valid as reported and may be used for decision making purposes. Selected data points were disqualified as they were outside laboratory control limits and their results were estimated. In addition, the electronic data deliverables (EDDs) package was submitted and successfully uploaded to the DEC on February 12, 2020. The Data Usability Summary Reports prepared by KGS and an e-mail verifying submission of the EDDs are provided in **Appendix F**.

3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

The elevation of the property is approximately 41 feet above mean sea level. The topography within the immediate area slopes gradually to the southeast.

3.2 Surrounding Land Use

The area surrounding the property is highly urbanized. Adjacent land use includes commercial (retail) businesses to the west, Queens Boulevard and commercial (retail) to the north, a new multi-story mixed used building, residential and mixed-use buildings to the east and a church, school (St Illuminator) and LIRR to the south. The area surrounding the property is highly urbanized and predominantly consists of commercial (retail) businesses along the Queens Boulevard corridor with community buildings, mixed-use (retail / office / contractor / residential) buildings south of the corridor and predominantly residential homes on the north side.

3.3 Regional Geology / Hydrogeology

The geologic setting of Long Island is well documented and consists of crystalline bedrock overlain by layers of unconsolidated deposits. According to geologic maps of the area created by the United States Geologic Survey (USGS), the bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. The depth to bedrock in this area of Brooklyn is greater than 100 ft below grade. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and / or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas.

3.4 Site Geology / Hydrogeology

Subsurface soils at the Site consist of historic fill materials to a depth of approximately 7 feet below grade followed by a native silty-sand and clay. The elevation of the property is approximately 41 feet above mean sea level. The topography within the immediate area slopes gradually to the southeast.

Groundwater occurs beneath the Site at a depth of approximately 10.5 to 19.5 feet below grade (**Table 2**). Based upon on-site measurements, groundwater flow is to the south-southeast (**Figure 5**).

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

Petroleum Source Area

Residual petroleum (VOC) contamination remains in the vicinity of the former underground storage tank / dispenser system in the northwest corner of the Site as identified by borings 19B1 and 19B18. The vertical extent of impact continues from 15 to 25 feet below grade.

Fill Material

Historic fill material has been identified across the Site to depths of 7 feet below grade. Depending on location, the historic fill material contains one or more metals including copper, mercury, lead and zinc, pesticides and polycyclic aromatic hydrocarbons (PAHs) above Unrestricted Use and / or Restricted Residential SCOs. Lead classified as hazardous was identified in two hotspot areas to a depth of 12 feet below grade.

4.2 Groundwater Impacts

Petroleum related VOCs were detected above NYSDEC Ambient Water Quality Standards (AWQS) at a single location 19MW9 located in the west central area of the former gas station. Total petroleum VOCs in groundwater at this location was reported as 1,241 µg/L.

SVOCs above AWQS were also limited to 19MW9 and included naphthalene, which was reported as both a VOC and an SVOC, at 82 µg/L and 2,4-dinitrotoluene at 34 µg/L.

Several dissolved metals were detected in many of the wells including antimony (2 wells), selenium (1 well), magnesium (4 wells), manganese (7 wells) and sodium (8 wells).

Low levels of PFAS compounds were detected in groundwater throughout the Site. No pesticides or PCBs were detected above standards in any of the groundwater samples collected at the Site.

4.3 Soil-Vapor Impacts

Petroleum-related VOCs were generally low in soil vapor samples and were consistent with typical levels reported in commercial areas of NYC.

Chlorinated VOCs in soil vapor included tetrachloroethene (PCE), which was detected in all of the samples at concentrations ranging from 0.58 µg/m³ to 37.1 µg/m³, and trichloroethene (TCE), which was detected in five samples at concentrations ranging from 0.24 µg/m³ to 27.6 µg/m³. The highest detections of both compounds were reported in subslab samples located near the southwest property line.

4.4 Site Conceptual Model

The presence of petroleum VOCs in deeper soil on the former gas station property is related to an older spill which has undergone several rounds of remediation, including extensive excavation and

operation of an air sparging / soil vapor extraction (AS/SVE) system. This residual contamination represents impacts that remain in several isolated areas at depths below 15 feet which either were not excavated or otherwise not affected by the multi-phase extraction, operation of the AS/SVE system or ISCO injections.

This remaining soil contamination does not appear to be acting as a significant source of contamination to the groundwater in the vicinity of 19B1 as evidenced from the absence of VOCs in the adjacent monitoring well 19MW1. Some transfer is occurring or has occurred in the vicinity of 19MW9 as evidenced by the generally low dissolved VOC concentrations reported in this well. There also does not appear to be any migration of dissolved VOCs, as indicated by the absence of VOCs in the downgradient wells.

There is no evidence of off-gassing of the petroleum VOCs to the vapor phase. Chlorinated VOCs, including tetrachloroethene (PCE) and trichloroethene, were generally low with the highest detections reported near the southwest property line. This indicates that chlorinated VOCs in soil vapor are not site related and are likely associated an unknown off-site source, possibly a sewer line.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment under the BCP is to identify potential receptors to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur. An exposure pathway has five elements; a contaminant source, release and transport mechanisms, point of exposure, route of exposure and a receptor population.

The potential exposure pathways identified below represent both current and future exposure scenarios.

5.1 Contaminant Source

Petroleum Source Area

The contaminant source includes residual petroleum VOCs at two locations on the former gas station property to a depth of approximately 15 to 25 ft below grade.

No other sources were identified during this RI.

Fill Material

Historic fill material has been identified across the Site to depths of 5 feet below grade extending 12, 15 and 20 ft below grade in some areas. Depending on location, the historic fill material contains one or more metals including copper, mercury, lead and zinc, pesticides and polycyclic aromatic hydrocarbons (PAHs) above Unrestricted Use and / or Restricted Residential SCOs. Lead classified as hazardous was identified in two hotspot areas to a depth of 12 feet below grade.

5.2 Contaminant Release and Transport Mechanism

Historically, petroleum VOCs in soil had transferred into the dissolved phase at the former gas station Site and were likely migrating southwest to southeast with groundwater flow. Extensive remedial actions, including the operation of an AS/SVE system and excavation of a large portion of the site to depths of up to 25 feet were largely successful in remediation of the source as well as impacted groundwater preventing efforts the migration of impacted groundwater. Currently petroleum VOCs were reported above standards in a single well with no evidence of migration to other areas of the Site.

There is no evidence of off-gassing of the petroleum VOCs.

5.3 Point of Exposure, Route of Exposure and Potentially Exposed Populations

Potential On-Site Exposures: Remediation workers and construction workers engaged in the excavation of non-impacted soil at the site may be exposed to SVOCs, CVOCs and heavy metals through several routes. Workers excavating historic fill soil may be exposed to SVOCs and metals through inhalation, ingestion and dermal contact. On-site remediation / excavation workers may also be exposed to CVOC vapors while working near the southeast property line. A site-specific Health

and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers. Site trespassers could also be exposed to historic fill materials. However, security measures, including an 8 ft high construction fence and 24 hr security, will minimize potential exposure through this route. The TCE concentration in this area of the Site may require further evaluation following remedial actions.

Potential Off-Site Exposures: Off-Site residents could also be exposed to dust during the excavation of historic fill soil. A site-specific Community Air Monitoring Plan has been developed to identify and minimize the potential for off-site exposure to residents through continuous air monitoring during excavation and soil disturbance activity.

The entire area is serviced by the New York City Water System, which distributes water from the Croton Reservoir system. Since there are no public or private potable supply wells in the area, exposure from contact with tap water is not a concern.

Potential Off-Site Environmental Impacts: There are no public or private potable supply wells in the area and therefore no potential impacts to groundwater supplies. Based on the concentrations of dissolved petroleum VOCs reported and the distance to the nearest surface water body (Maspeth Creek - 9,000 ft), there are no potential surface water impacts.

6.0 CONCLUSIONS AND RECOMENDATIONS

Subsurface soil at the Site consists of a non-native historic fill material to depths of 5 feet below grade extending to depths of 12, 15 and 20 feet below grade. Depending on location, the historic fill material contains one or more metals including copper, mercury, lead and zinc, pesticides and polycyclic aromatic hydrocarbons (PAHs) above Unrestricted Use and / or Restricted Residential SCOs. Lead classified as hazardous was identified in two hotspot areas to a depth of 12 feet below grade.

Residual petroleum VOCs were present at two locations on the former gas station property to a depth of approximately 15 to 25 ft below grade. This area of the property has undergone substantial remediation, including surfactant-enhanced multi-phase extraction, the long term operation of an air sparging / soil vapor extraction system, full excavation to depths of 25 ft and in-situ chemical oxidant injections. This effort resulted in closure of the spill file.

Petroleum related VOCs were detected above NYSDEC Ambient Water Quality Standards (AWQS) at a single location 19MW9 located in the west central area of the former gas station. The total for petroleum VOCs in groundwater at this location was reported as 1,241 µg/L. SVOCs above AWQS were also limited to 19MW9 and included naphthalene, which was reported as both a VOC and an SVOC, at 82 µg/L and 2,4-dinitrotoluene at 34 µg/L.

Petroleum related VOCs were generally low in soil vapor samples and were consistent with typical levels reported in commercial areas of NYC. Chlorinated VOCs in soil vapor were also generally low and included tetrachloroethene (PCE), which was detected in all of the samples and trichloroethene (TCE) which was detected in five samples. The highest detections of both compounds were reported in a vapor sample located near the southwest property line with maximum concentrations of 37.1 µg/m³ and 27.6 µg/m³ for PCE and TCE, respectively.

The qualitative exposure assessment identified potential completed routes of exposure to construction workers and remediation workers through inhalation, ingestion and dermal contact of PAHs and heavy metals during site-wide excavation activities, and inhalation of CVOCs when working near the southwest property line. The Health and Safety Plan prepared for the site identifies such exposures and provides instructions for on-site workers to minimize potential exposure. The TCE concentration in this area of the Site may require further evaluation following remedial actions.

Potential environmental impacts through the groundwater to surface water discharge were considered unlikely based on the concentrations of VOCs and naphthalene in groundwater, the groundwater flow direction at the Site and the distance to surface water.

Recommendations include proper characterization and disposal of soil at the Site under an approved Remedial Action Work Plan which includes a Soil Management Plan, a Construction Health and Safety Plan and a Community Air Monitoring Plan.

7.0 REFERENCES

6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-1, 375-3 and 375-6.

Environmental Business Consultants, *Remedial Investigation Work Plan* – October 2019.

NYSDEC, Division of Environmental Remediation, May 2004, *Draft Brownfield Program Cleanup Guide*.

NYSDEC, Division of Environmental Remediation, December 2002, *DER-10, Technical Guidance for Site Investigation and Remediation*.

NYSDEC, Division of Environmental Remediation, December 14, 2006, *6 NYCRR Part 375, Environmental Remediation Programs, subparts 375-1 to 375-4 & 375-6*.

NYSDOH, Center for Environmental Health, October 2006, *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*.

TABLES

**TABLE 1
SUMMARY OF
SAMPLING PROGRAM RATIONALE AND ANALYSIS**

Matrix	Location	Approximate Number of Samples	Rationale for Sampling	Laboratory Analysis
Subsurface soil (15 ft or Extent of contamination)	from 18 borings throughout the site.	36	To evaluate historic fill materials and native soil at the planned excavation depth with respect to SCOs	VOCs EPA Method 8260B, PFOS Compounds EPA Method 537, SVOCs plus 1,4 dioxane EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals EPA 6010.
Subsurface soil (below observed contamination)	from any borings with petroleum contamination.	2	To evaluate the extent of soil impact and delineate petroleum source areas	VOCs EPA Method 8260B, SVOCs EPA Method 8270.
Subsurface soil (10 ft)	from six step out borings, three around each of two previous borings with elevated lead	6	To delineate high lead and hazardous lead areas	Total Lead USEPA Method 6010, TCLP Lead USEPA Method 1311.
Total (Soils)		44		
Groundwater (water table)	From 9 monitoring wells across the Site.	9	To assess groundwater quality at the Site.	VOCs EPA Method 8260B, PFOS Compounds EPA Method 537, SVOCs and 1,4-dioxane, EPA Method 8270 SIM, pesticide / PCBs EPA Method 8081/8082, metals EPA 6010 dissolved and total
Total (Groundwater)		9		
Soil Gas (15 ft below existing grade)	12 soil gas implants to be installed in the existing slab on grade buildings and parking area.	9	Evaluate soil gas below the planned buildings cellar level.	VOCs EPA Method TO15
Total (Soil Gas)		9		
MS/MSD	Matrix spike and Matrix spike duplicates at the rate 5%	3	To meet requirements of QA / QC program	2 soil and 1 groundwater MS/MSD for VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals. Soil for VOCs EPA Method 8260B, SVOCs EPA Method 8270 and TAL metals EPA 6010.
Trip Blanks	One laboratory prepared trip blank to accompany samples each time they are delivered to the laboratory.	3	To meet requirements of QA / QC program	VOCs EPA Method 8260B
Total (QA / QC Samples)		6		

Table 2
85-89 4th Avenue
Brooklyn, New York
Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)	DTP	Survey Reading	Casing Elevation	GW ELV
19B1	11/7/2019	36	2	Geoprobe	-	-	-	-	-	-
19B2	11/6/2019	20	2	Geoprobe	-	-	-	-	-	-
19B3	11/7/2019	20	2	Geoprobe	-	-	-	-	-	-
19B4	11/7/2019	20	2	Geoprobe	-	-	-	-	-	-
19B5	11/7/2019	20	2	Geoprobe	-	-	-	-	-	-
19B6	11/7/2019	20	2	Geoprobe	-	-	-	-	-	-
19B7	11/6/2019	20	2	Geoprobe	-	-	-	-	-	-
19B8	11/6/2019	20	2	Geoprobe	-	-	-	-	-	-
19B9	11/6/2019	20	2	Geoprobe	-	-	-	-	-	-
19B10	11/6/2019	20	2	Geoprobe	-	-	-	-	-	-
19B11	11/6/2019	20	2	Geoprobe	-	-	-	-	-	-
19B12	11/22/2019	20	2	Geoprobe	-	-	-	-	-	-
19B13	11/21/2079	20	2	Geoprobe	-	-	-	-	-	-
19B14	11/21/2079	20	2	Geoprobe	-	-	-	-	-	-
19B15	11/21/2079	20	2	Geoprobe	-	-	-	-	-	-
19B16	11/21/2079	20	2	Geoprobe	-	-	-	-	-	-
19B17	11/7/2019	20	2	Geoprobe	-	-	-	-	-	-
19B18	11/6/2019	28	2	Geoprobe	-	-	-	-	-	-
19MW1	11/25/2019	25	2	PVC	10.00	17.66	-	-	99.1	81.44
19MW2	11/26/2019	25	2	PVC	10.00	18.94	-	-	100.56	81.62
19MW3	11/26/2019	25	2	PVC	10.00	19.31	-	-	100.86	81.55
19MW4	11/25/2019	25	2	PVC	10.00	16.41	-	-	95.4	78.99
19MW5	11/26/2019	25	2	PVC	10.00	17.96	-	-	100.48	82.52
19MW6	11/25/2019	25	2	PVC	10.00	10.56	-		91.92	81.36
19MW7	11/25/2019	18	2	PVC	10.00	12.25	-		93.81	81.56
19MW8	11/25/2019	18	2	PVC	10.00	13.08	-		93.88	80.80
19MW9	11/26/2019	25	2	PVC	10.00	17.42	-		99.02	81.6

Table 3
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Soil Spill Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B1				19B2				19B3				19B4				19B5				19B6					
			(0-2")		(20-22")		(36")		(0-2")		(18-20")		(0-2")		(18-20")		(0-2")		(18-20")		(0-2")		(18-20")		(0-2")		(18-20")	
			11/7/2019		11/7/2019		11/7/2019		11/6/2019		11/6/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019	
			mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL	mg/Kg	RL
	mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL		
1.1.1.2-Tetrachloroethane			<0.019	0.019	<0.23	0.23	<0.017	0.017	<0.0042	0.0042	<0.0045	0.0045	<0.02	0.02	<0.005	0.005	<0.021	0.021	<0.016	0.016	<0.025	0.025	<0.0051	0.0051	<0.02	0.02	<0.016	0.016
1.1.1-Trichloroethane	0.68	100.00	<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.1.2.2-Tetrachloroethane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.1.2-Trichloroethane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.1-Dichloroethane	0.27	26.00	<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.1-Dichloroethene	0.33	100.00	<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.1-Dichloropropene			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2.3-Trichlorobenzene			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2.3-Trichloropropane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2.4-Trichlorobenzene			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2.4-Trimethylbenzene	3.60	52.00	<0.0047	0.0047	7	0.23	0.00019	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2-Dibromo-3-chloropropane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2-Dibromoethane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2-Dichlorobenzene	1.10	100.00	<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2-Dichloroethane	0.02	3.10	<0.0047	0.0047	<0.023	0.023	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.2-Dichloropropane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.3.5-Trimethylbenzene	8.40	52.00	<0.0047	0.0047	2	0.23	0.00055	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.3-Dichlorobenzene	2.40	4.90	<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.3-Dichloropropane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.4-Dichlorobenzene	1.80	13.00	<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
1.4-Dioxane			<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.069	0.069	<0.073	0.073	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1
2.2-Dichloropropane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
2-Chlorotoluene			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
2-Hexanone (Methyl Butyl Ketone)			<0.024	0.024	<1.1	1	<0.022	0.022	<0.021	0.021	<0.023	0.023	<0.025	0.025	<0.025	0.025	<0.026	0.026	<0.021	0.021	<0.031	0.031	<0.026	0.026	<0.025	0.025	<0.02	0.02
2-Isopropyltoluene			<0.0047	0.0047	0.04	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
4-Chlorotoluene			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
4-Methyl-2-Pentanone			<0.024	0.024	<1.1	1	<0.022	0.022	<0.021	0.021	<0.023	0.023	<0.025	0.025	<0.025	0.025	<0.026	0.026	<0.021	0.021	<0.031	0.031	<0.026	0.026	<0.025	0.025	<0.02	0.02
Acetone	0.05	100.00	<0.024	0.024	<0.23	0.23	0.013	0.022	<0.021	0.021	<0.023	0.023	<0.025	0.025	0.00665	0.026	<0.026	0.026	0.0057	0.021	0.011	0.031	0.0056	0.026	<0.025	0.025	0.012	0.02
Acrolein			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
Acrylonitrile			<0.019	0.019	<0.9	0.9	<0.017	0.017	<0.0084	0.0084	<0.009	0.009	<0.02	0.02	<0.01	0.01	<0.021	0.021	<0.016	0.016	<0.025	0.025	<0.02	0.02	<0.02	0.02	<0.016	0.016
Benzene	0.06	4.80	<0.0047	0.0047	0.34	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
Bromobenzene			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
Bromochloromethane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
Bromodichloromethane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
Bromoforn			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042	0.0042	<0.0045	0.0045	<0.005	0.005	<0.005	0.005	<0.0052	0.0052	<0.0041	0.0041	<0.0061	0.0061	<0.0051	0.0051	<0.005	0.005	<0.0041	0.0041
Bromomethane			<0.0047	0.0047	<0.23	0.23	<0.0044	0.0044	<0.0042																			

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 3
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	1987		1988				1989				19810				19811				19812				19813					
			(0-2")		(18-20")		(0-2")		(18-20")		(0-2")		(18-20")		(0-2")		(18-20")		(0-2")		(18-20")		(0-2")		(18-20")					
			11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019					
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg			
1,1,1,2-Tetrachloroethane			<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,1,1-Trichloroethane	0.68	100.00	<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0025	0.0025	<0.0047	0.0047	<0.0021	0.0021	<0.02	0.02
1,1,1,2-Tetrachloroethane			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,1,2-Trichloroethane			<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,1-Dichloroethane	0.27	26.00	<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,1-Dichloroethene	0.33	100.00	<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2-Dichloropropane			<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2,3-Trichlorobenzene			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2,3-Trichloropropane			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2,4-Trichlorobenzene			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2,4-Trimethylbenzene			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2-Dibromo-3-chloropropane	3.60	52.00	<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2-Dibromoethane			<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2-Dichlorobenzene	1.10	100.00	<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2-Dichloroethane	0.02	3.10	<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,2-Dichloropropane			<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,3,5-Trimethylbenzene	8.40	52.00	<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,3-Dichlorobenzene	2.40	4.90	<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,3-Dichloropropane			<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,4-Dichlorobenzene	1.80	13.00	<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
1,4-Dioxane			<0.075	0.075	<0.074	0.074	<0.073	0.073	<0.07	0.07	<0.071	0.071	<0.074	0.074	<0.075	0.075	<0.073	0.073	<0.075	0.075	<0.074	0.074	<0.074	0.074	<0.073	0.073	<0.072	0.072	<0.074	0.074
2,2-Dichloropropane			<0.0034	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
2-Chlorotoluene			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
2-Hexanone (Methyl Butyl Ketone)			<0.017	0.017	<0.027	0.027	<0.024	0.024	<0.023	0.023	<0.03	0.03	<0.036	0.036	<0.036	0.036	<0.023	0.023	<0.035	0.035	<0.023	0.023	<0.032	0.032	<0.024	0.024	<0.026	0.026	<0.025	0.025
2-Isopropyltoluene			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
o-1,2-Dichlorobenzene			<0.19	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
4-Methyl-2-Pentanone			<0.017	0.017	<0.024	0.024	<0.024	0.024	<0.023	0.023	<0.03	0.03	<0.036	0.036	<0.036	0.036	<0.023	0.023	<0.035	0.035	<0.023	0.023	<0.032	0.032	<0.024	0.024	<0.026	0.026	<0.025	0.025
Acetone	0.05	100.00	0.0048	0.017	0.011	0.027	<0.024	0.024	<0.023	0.023	<0.03	0.03	11	0.036	0.0091	0.036	<0.023	0.023	0.0078	0.035	0.0068	0.023	<0.032	0.032	<0.024	0.024	0.0098	0.026	0.0071	0.025
Acrolein			< 3.4	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
Acrylonitrile			< 6.8	0.0068	<0.011	0.011	0.0098	0.0098	<0.0091	0.0091	<0.012	0.012	<0.014	0.014	<0.014	0.014	<0.0092	0.0092	<0.014	0.014	<0.0091	0.0091	<0.025	0.025	<0.0094	0.0094	<0.021	0.021	<0.02	0.02
Benzene	0.06	4.80	< 3.4	0.0034	<0.0053	0.0053	0.0012	<0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
Bromobenzene			< 190	0.19	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.23	0.23	<0.0072	0.0072	<0.65	0.65	<0.0046	0.0046	<0.28	0.28	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
Bromochloromethane			< 3.4	0.0034	<0.0053	0.0053	<0.0049	0.0049	<0.0046	0.0046	<0.006	0.006	<0.0072	0.0072	<0.0072	0.0072	<0.0046	0.0046	<0.007	0.007	<0.0046	0.0046	<0.0064	0.0064	<0.0047	0.0047	<0.0053	0.0053	<0.0051	0.0051
Bromodichloromethane			< 3.4																											

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 3
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B14						19B15						19B16						19B17						19B18								
			(0-2')			(18-20')			(0-2')			(18-20')			(0-2')			(18-20')			(0-2')			(18-20')			(0-2')			(18-20)			(28')		
			11/21/2019			11/21/2019			11/21/2019			11/21/2019			11/21/2019			11/21/2019			11/7/2019			11/7/2019			11/6/2019			11/6/2019			11/6/2019		
			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg		
			Result	RL		Result	RL		Result	RL		Result	RL		Result	RL		Result	RL		Result	RL		Result	RL		Result	RL		Result	RL		Result	RL	
1,1,1,2-Tetrachloroethane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.016	0.016	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,1,1-Trichloroethane	0.68	100.00	<0.021	0.021	<0.0046	0.0046	<0.025	0.025	<0.016	0.016	<0.032	0.032	<0.02	0.02	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<0.68	0.68	<0.004	0.004											
1,1,2,2-Tetrachloroethane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,1,2-Trichloroethane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,1-Dichloroethane	0.27	26.00	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<0.96	0.96	<0.004	0.004											
1,1-Dichloroethene	0.33	100.00	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<0.48	0.48	<0.004	0.004											
1,1-Dichloropropene			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,2,3-Trichlorobenzene			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,2,3-Trichloropropane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,2,4-Trichlorobenzene			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,2,4-Trimethylbenzene	3.60	52.00	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	0.00071	0.0042	<0.0039	0.0039	<0.0059	0.0059	110	5	<0.004	0.004											
1,2-Dibromo-3-chloropropane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,2-Dibromoethane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,2-Dichlorobenzene	1.10	100.00	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<1.1	1	<0.004	0.004											
1,2-Dichloroethane	0.02	3.10	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<0.48	0.48	<0.004	0.004											
1,2-Dichloropropane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,3,5-Trimethylbenzene	8.40	52.00	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	0.00065	0.0042	<0.0039	0.0039	<0.0059	0.0059	35	5	<0.004	0.004											
1,3-Dichlorobenzene	2.40	4.90	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<2.4	2	<0.004	0.004											
1,3-Dichloropropane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
1,4-Dichlorobenzene	1.80	13.00	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<1.8	2	<0.004	0.004											
1,4-Dioxane			<0.074	0.074	<0.072	0.072	<0.073	0.073	<0.071	0.071	<0.071	0.071	<0.078	0.078	<0.1	0.1	<0.1	0.1	<0.071	0.071	<0.074	0.074	<0.074	0.074											
2,2-Dichloropropane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
2-Chlorotoluene			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
2-Hexanone (Methyl Butyl Ketone)			<0.026	0.026	<0.023	0.023	<0.031	0.031	<0.02	0.02	<0.04	0.04	<0.024	0.024	<0.021	0.021	<0.02	0.02	<0.03	0.03	<0.24	24	<0.02	0.02											
2-Isopropyltoluene			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
4-Chlorotoluene			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
4-Methyl-2-Pentanone			<0.026	0.026	<0.023	0.023	<0.031	0.031	<0.02	0.02	<0.04	0.04	<0.024	0.024	<0.021	0.021	<0.02	0.02	<0.03	0.03	<0.24	24	<0.02	0.02											
Acetone	0.05	100.00	0.0064	0.026	0.006	0.023	<0.031	0.031	<0.02	0.02	<0.04	0.04	<0.024	0.024	0.0066	0.021	0.0066	0.02	<0.03	0.03	<0.48	5	<0.02	0.02											
Acrolein			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
Acrylonitrile			<0.021	0.021	<0.0092	0.0092	<0.025	0.025	<0.016	0.016	<0.032	0.032	<0.02	0.02	<0.0084	0.0084	<0.016	0.016	<0.012	0.012	<0.96	10	<0.0079	0.0079											
Benzene	0.06	4.80	<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	0.00084	0.008	<0.0049	0.0049	0.0016	0.0042	<0.0039	0.0039	<0.0059	0.0059	<0.48	0.48	<0.004	0.004											
Bromobenzene			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
Bromochloromethane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
Bromodichloromethane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
Bromoforn			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059	<4.8	5	<0.004	0.004											
Bromomethane			<0.0062	0.0062	<0.0046	0.0046	<0.0063	0.0063	<0.0041	0.0041	<0.008	0.008	<0.0049	0.0049	<0.0042	0.0042	<0.0039	0.0039	<0.0059	0.0059															

Table 4
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B14				19B15				19B16				19B17				19B18					
			(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20)		(28')	
			11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/7/2019		11/7/2019		11/6/2019		11/6/2019		11/6/2019	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
1,2,4-Trichlorobenzene			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
1,2-Dichlorobenzene			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
1,2-Diphenylhydrazine			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
1,3-Dichlorobenzene			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
1,4-Dichlorobenzene			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2,4,5-Trichlorophenol			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2,4,6-Trichlorophenol			<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19
2,4-Dichlorophenol			<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19
2,4-Dimethylphenol			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2,4-Dinitrophenol			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2,4-Dinitrotoluene			<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19
2,6-Dinitrotoluene			<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19
2-Chloronaphthalene			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2-Chlorophenol			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2-Methylnaphthalene			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	0.48	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	2	0.25	<0.26	0.26
2-Methylphenol (o-cresol)	0.33	100	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2-Nitroaniline			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
2-Nitrophenol			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
3&4-Methylphenol (m&p-cresol)	0.33	100	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
3,4-Methylphenol (m&p-cresol)			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
3,3'-Dichlorobenzidine			<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19
3-Nitroaniline			<0.38	0.38	<0.37	0.37	<0.37	0.37	<0.36	0.36	<0.36	0.36	<0.39	0.39	<0.36	0.36	<0.36	0.36	<0.36	0.36	<0.36	0.36	<0.38	0.38
4,6-Dinitro-2-methylphenol			<0.23	0.23	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.23	0.23	<0.21	0.21	<0.22	0.22	<0.21	0.21	<0.22	0.22	<0.23	0.23
4-Bromophenyl phenyl ether			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
4-Chloro-3-methylphenol			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
4-Chloroaniline			<0.3	0.3	<0.29	0.29	<0.3	0.3	<0.29	0.29	<0.29	0.29	<0.31	0.31	<0.29	0.29	<0.29	0.29	<0.28	0.28	<0.29	0.29	<0.3	0.3
4-Chlorophenyl phenyl ether			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
4-Nitroaniline			<0.38	0.38	<0.37	0.37	<0.37	0.37	<0.36	0.36	<0.36	0.36	<0.39	0.39	<0.36	0.36	<0.36	0.36	<0.36	0.36	<0.36	0.36	<0.38	0.38
4-Nitrophenol			<0.38	0.38	<0.37	0.37	<0.37	0.37	<0.36	0.36	<0.36	0.36	<0.39	0.39	<0.36	0.36	<0.36	0.36	<0.36	0.36	<0.36	0.36	<0.38	0.38
Acenaphthene	20	100	0.22	0.26	<0.26	0.26	0.16	0.26	<0.25	0.25	0.6	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Acenaphthylene	100	100	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	0.25	0.25	<0.27	0.27	140	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Acetophenone			<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Aniline			<0.3	0.3	<0.29	0.29	<0.3	0.3	<0.29	0.29	<0.29	0.29	<0.31	0.31	<0.29	0.29	<0.29	0.29	<0.28	0.28	<0.29	0.29	<0.3	0.3
Anthracene	100	100	0.45	0.26	<0.26	0.26	0.43	0.26	<0.25	0.25	1.6	0.25	<0.27	0.27	<0.25	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Benz(a)anthracene	1	1	0.98	0.26	<0.26	0.26	1.3	0.26	<0.25	0.25	5.2	0.25	<0.27	0.27	0.57	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Benzo(a)pyrene	1	1	0.92	0.19	<0.18	0.18	1.3	0.19	<0.18	0.18	4.9	0.18	<0.19	0.19	0.63	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19
Benzo(b)fluoranthene	1	1	0.73	0.26	<0.26	0.26	1.1	0.26	<0.25	0.25	4.0	0.25	<0.27	0.27	0.52	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Benzo(ghi)perylene	100	100	0.45	0.26	<0.26	0.26	0.7	0.26	<0.25	0.25	2.6	0.25	<0.27	0.27	0.45	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Benzo(k)fluoranthene	0.8	3.9	0.67	0.26	<0.26	0.26	1.0	0.26	<0.25	0.25	3.4	0.25	<0.27	0.27	0.49	0.25	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26
Benzoic acid			<1.9	2	<1.8	2	<1.9	2	<1.8	2	<1.8	2	<1.9	2	<1.8	2	<1.8	2	<1.8	2	<1.8	2	<1.9	2
Benzyl butyl ph																								

Table 4
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B1						19B2				19B3				19B4				19B5				19B6				19B7			
			(0-2')		(20-22')		(36')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
			11/7/2019		11/7/2019		11/7/2019		11/6/2019		11/6/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/6/2019		11/6/2019	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.28	0.28	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
1,2,4-Trichlorobenzene			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
1,2-Dichlorobenzene			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
1,2-Diphenylhydrazine			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
1,3-Dichlorobenzene			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
1,4-Dichlorobenzene			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2,4,5-Trichlorophenol			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2,4,6-Trichlorophenol			<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.17	0.17	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.17	0.17	<0.18	0.18	<0.17	0.17	<0.17	0.17	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.19	0.19
2,4-Dichlorophenol			<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.17	0.17	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.17	0.17	<0.18	0.18	<0.17	0.17	<0.17	0.17	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.19	0.19
2,4-Dimethylphenol			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2,4-Dinitrophenol			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2,4-Dinitrotoluene			<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.17	0.17	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.17	0.17	<0.18	0.18	<0.17	0.17	<0.17	0.17	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.19	0.19
2,6-Dinitrotoluene			<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.17	0.17	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.17	0.17	<0.18	0.18	<0.17	0.17	<0.17	0.17	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.19	0.19
2-Chloronaphthalene			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2-Chlorophenol			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2-Methylnaphthalene			<0.25	0.25	0.39		<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2-Methylphenol (o-cresol)	0.33	100	<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2-Nitroaniline			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
2-Nitrophenol			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
3,4-Dinitrophenol (m&p-cresc	0.33	100	<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
3,4-Dinitrophenol (m&p-cresc	0.33	100	<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
3,4-Dichlorobenzidine			<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.17	0.17	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.17	0.17	<0.18	0.18	<0.17	0.17	<0.17	0.17	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.19	0.19
3-Nitroaniline			<0.36	0.36	<0.37	0.37	<0.39	0.39	<0.35	0.35	<0.37	0.37	<0.37	0.37	<0.36	0.36	<0.35	0.35	<0.35	0.35	<0.34	0.34	<0.35	0.35	<0.36	0.36	<0.36	0.36	<0.38	0.38	<0.37	0.37
4,6-Dinitro-2-methylphenol			<0.21	0.21	<0.22	0.22	<0.23	0.23	<0.21	0.21	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.21	0.21	<0.21	0.21	<0.2	0.2	<0.21	0.21	<0.22	0.22	<0.22	0.22	<0.23	0.23	<0.22	0.22
4-Bromophenyl phenyl ether			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
4-Chloro-3-methylphenol			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
4-Chloroaniline			<0.28	0.28	<0.3	0.30	<0.31	0.31	<0.28	0.28	<0.3	0.30	<0.3	0.30	<0.29	0.29	<0.28	0.28	<0.28	0.28	<0.27	0.27	<0.28	0.28	<0.29	0.29	<0.29	0.29	<0.3	0.30	<0.3	0.3
4-Chlorophenyl phenyl ether			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
4-Nitroaniline			<0.36	0.36	<0.37	0.37	<0.39	0.39	<0.35	0.35	<0.37	0.37	<0.37	0.37	<0.36	0.36	<0.35	0.35	<0.35	0.35	<0.34	0.34	<0.35	0.35	<0.36	0.36	<0.36	0.36	<0.38	0.38	<0.37	0.37
4-Nitrophenol			<0.36	0.36	<0.37	0.37	<0.39	0.39	<0.35	0.35	<0.37	0.37	<0.37	0.37	<0.36	0.36	<0.35	0.35	<0.35	0.35	<0.34	0.34	<0.35	0.35	<0.36	0.36	<0.36	0.36	<0.38	0.38	<0.37	0.37
Acenaphthene	20	100	<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	0.15	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
Acenaphthylene	100	100	<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
Acetophenone			<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	<0.24	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26
Aniline			<0.28	0.28	<0.3	0.30	<0.31	0.31	<0.28	0.28	<0.3	0.30	<0.3	0.30	<0.29	0.29	<0.28	0.28	<0.28	0.28	<0.27	0.27	<0.28	0.28	<0.29	0.29	<0.29	0.29	<0.3	0.30	<0.3	0.3
Anthracene	100	100	<0.25	0.25	<0.26	0.26	<0.27	0.27	<0.24	0.24	<0.26	0.26	0.30	0.26	<0.25	0.25	<0.24	0.24	<0.25	0.25	0.50	0.24	<0.24	0.24	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B8				19B9				19B10				19B11				19B12				19B13			
			(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
			11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
1,2,4-Trichlorobenzene			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
1,2-Dichlorobenzene			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
1,2-Diphenylhydrazine			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
1,3-Dichlorobenzene			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
1,4-Dichlorobenzene			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2,4,5-Trichlorophenol			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2,4,6-Trichlorophenol			<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18
2,4-Dichlorophenol			<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18
2,4-Dimethylphenol			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2,4-Dinitrophenol			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2,4-Dinitrotoluene			<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18
2,6-Dinitrotoluene			<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18
2-Chloronaphthalene			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2-Chlorophenol			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2-Methylnaphthalene			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	0.13	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2-Methylphenol (o-cresol)	0.33	100	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2-Nitroaniline			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
2-Nitrophenol			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
3&4-Methylphenol (m&p-cresol)	0.33	100	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
3,3'-Dichlorobenzidine			<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.19	0.19	<0.18	0.18	<0.18	0.18	<0.18	0.18
3-Nitroaniline			<0.37	0.37	<0.35	0.35	<0.35	0.35	<0.36	0.36	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.35	0.35	<0.37	0.37
4,6-Dinitro-2-methylphenol			<0.22	0.22	<0.21	0.21	<0.21	0.21	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.22	0.22	<0.21	0.21	<0.22	0.22
4-Bromophenyl phenyl ether			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
4-Chloro-3-methylphenol			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
4-Chloroaniline			<0.3	0.3	<0.28	0.28	<0.28	0.28	<0.29	0.29	<0.29	0.29	<0.29	0.29	<0.3	0.3	<0.29	0.29	<0.3	0.3	<0.29	0.29	<0.28	0.28	<0.29	0.29
4-Chlorophenyl phenyl ether			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
4-Nitroaniline			<0.37	0.37	<0.35	0.35	<0.35	0.35	<0.36	0.36	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.35	0.35	<0.37	0.37
4-Nitrophenol			<0.37	0.37	<0.35	0.35	<0.35	0.35	<0.36	0.36	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.35	0.35	<0.37	0.37
Acenaphthene	20	100	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	0.49	0.26	<0.26	0.26	<0.26	0.26	0.18	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
Acenaphthylene	100	100	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	0.41	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
Acetophenone			<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
Aniline			<0.3	0.3	<0.28	0.28	<0.28	0.28	<0.29	0.29	<0.29	0.29	<0.29	0.29	<0.3	0.3	<0.29	0.29	<0.3	0.3	<0.29	0.29	<0.28	0.28	<0.29	0.29
Anthracene	100	100	<0.26	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<0.26	0.26	1.8	0.26	<0.26	0.26	<0.26	0.26	0.45	0.26	<0.26	0.26	<0.25	0.25	<0.26	0.26
Benz(a)anthracene	1	1	0.14	0.26	<0.25	0.25	0.13	0.25	<0.26	0.26	<0.26	0.26	5.8	0.26	0.22	0.26	<0.26	0.26	1.6	0.26	<0.26	0.26	0.17	0.25	<0.26	0.26
Benztidine			<0.37	0.37	<0.35	0.35	<0.35	0.35	<0.36	0.36	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.37	0.37	<0.35	0.35	<0.37	0.37
Benzo(a)pyrene	1	1	0.16	0.19	<0.18	0.18	0.12	0.18	<0.18	0.18	<0.18	0.18	5.8	0.18	0.47	0.19	<0.18	0.18	1.6	0.19	<0.18	0.18	0.17	0.18	<0.18	0.18
Benzo(b)fluoranthene	1	1	0.15	0.26	<0.25	0.25	<0.25	0.25	<0.26	0.26	<2.6	3	6.5	0.26	0.58	0.26	<0.26	0.26	1.3	0.26	<0.26	0.26	0.15	0.25	<0.26	0.26
Benzo(g)perylene	100	100	0.15	0.26	<0.25	0.25	0.12	0.25	<0.26	0.26	<0.26	0.26	2.6	0.26	0.22	0.26	&lt									

Table 5
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B1				19B2				19B3				19B4				19B5				19B6			
				(0-2')		(20-22')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
				11/7/2019		11/7/2019		11/6/2019		11/6/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019	
				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4'-DDD	0.0033	13.0	<0.0021	0.0021	<0.0022	0.0022	<0.002	0.002	<0.0022	0.0022	0.0064	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0022	0.0022	<0.0021	0.0021	<0.0021	0.0021	<0.0022	0.0022	<0.0022	0.0022
	4,4'-DDE	0.0033	8.9	<0.0021	0.0021	<0.0022	0.0022	<0.002	0.002	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0022	0.0022	<0.0021	0.0021	<0.0021	0.0021	<0.0022	0.0022	<0.0022	0.0022
	4,4'-DDT	0.0033	7.9	<0.0021	0.0021	<0.0022	0.0022	0.0081	0.0033	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0022	0.0022	<0.0021	0.0021	<0.0021	0.0021	<0.0022	0.0022	<0.0022	0.0022
	a-BHC	0.0200	0.48	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	a-Chlordane			<0.0035	0.0035	<0.0037	0.0037	<0.0034	0.0034	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	0.016	0.0035	<0.0036	0.0036	0.039	0.0035	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036
	Aldrin	0.0050	0.097	<0.0035	0.0035	<0.0037	0.0037	<0.0034	0.0034	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	<0.0035	0.0035	<0.0036	0.0036	<0.0035	0.0035	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036
	b-BHC	0.0360	0.360	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Chlordane	0.0940	4.2	<0.035	0.035	<0.037	0.037	<0.034	0.034	<0.037	0.037	<0.037	0.037	<0.036	0.036	0.076	0.035	<0.036	0.036	0.21	0.035	<0.036	0.036	<0.037	0.037	<0.036	0.036
	d-BHC	0.0400	100.0	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Dieldrin	0.0050	0.2	<0.0035	0.0035	<0.0037	0.0037	<0.0034	0.0034	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	<0.0035	0.0035	<0.0036	0.0036	<0.0035	0.0035	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036
	Endosulfan I	2.4	24.0	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Endosulfan II	2.4	24.0	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Endosulfan sulfate	2.4	24.0	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Endrin	0.0140	11.0	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Endrin aldehyde			<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Endrin ketone			<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	g-BHC			<0.0014	0.0014	<0.0015	0.0015	<0.0014	0.0014	<0.0015	0.0015	<0.0015	0.0015	<0.0014	0.0014	<0.0014	0.0014	<0.0015	0.0015	<0.0014	0.0014	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015
	g-Chlordane			<0.0035	0.0035	<0.0037	0.0037	<0.0034	0.0034	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	0.01	0.0035	<0.0036	0.0036	0.027	0.0035	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036
	Heptachlor	0.042	2.1	<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Heptachlor epoxide			<0.0071	0.0071	<0.0074	0.0074	<0.0068	0.0068	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.007	0.007	<0.0073	0.0073	<0.0069	0.0069	<0.0071	0.0071	<0.0073	0.0073	<0.0073	0.0073
	Methoxychlor			<0.035	0.035	<0.037	0.037	<0.034	0.034	<0.037	0.037	<0.037	0.037	<0.036	0.036	<0.035	0.035	<0.036	0.036	<0.035	0.035	<0.036	0.036	<0.037	0.037	<0.036	0.036
	Toxaphene			<0.14	0.14	<0.15	0.15	<0.14	0.14	<0.15	0.15	<0.15	0.15	<0.14	0.14	<0.14	0.14	<0.15	0.15	<0.14	0.14	<0.14	0.14	<0.15	0.15	<0.15	0.15
PCBs	PCB-1016	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.068	0.068	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.07	0.07	<0.073	0.073	<0.069	0.069	<0.071	0.071	<0.073	0.073	<0.073	0.073
	PCB-1221	0.10	1.0	< 71	0.071	<0.074	0.074	< 71	0.068	<0.073	0.073	< 71	0.074	<0.072	0.072	< 71	0.07	<0.073	0.073	< 71	0.069	<0.071	0.071	< 71	0.073	<0.073	0.073
	PCB-1232	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.068	0.068	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.07	0.07	<0.073	0.073	<0.069	0.069	<0.071	0.071	<0.073	0.073	<0.073	0.073
	PCB-1242	0.10	1.0	< 72	0.071	<0.074	0.074	< 72	0.068	<0.073	0.073	< 72	0.074	<0.072	0.072	< 72	0.07	<0.073	0.073	< 72	0.069	<0.071	0.071	< 72	0.073	<0.073	0.073
	PCB-1248	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.068	0.068	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.07	0.07	<0.073	0.073	<0.069	0.069	<0.071	0.071	<0.073	0.073	<0.073	0.073
	PCB-1254	0.10	1.0	< 73	0.071	<0.074	0.074	< 73	0.068	<0.073	0.073	< 73	0.074	<0.072	0.072	< 73	0.07	<0.073	0.073	< 73	0.069	<0.071	0.071	< 73	0.073	<0.073	0.073
	PCB-1260	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.068	0.068	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.07	0.07	<0.073	0.073	<0.069	0.069	<0.071	0.071	<0.073	0.073	<0.073	0.073
	PCB-1262	0.10	1.0	< 74	0.071	<0.074	0.074	< 74	0.068	<0.073	0.073	< 74	0.074	<0.072	0.072	< 74	0.07	<0.073	0.073	< 74	0.069	<0.071	0.071	< 74	0.073	<0.073	0.073
	PCB-1268	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.068	0.068	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.07	0.07	<0.073	0.073	<0.069	0.069	<0.071	0.071	<0.073	0.073	<0.073	0.073

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSO Guidance Value

Table 5
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B7				19B8				19B9				19B10				19B11				19B12			
				(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
				11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/22/2019		11/22/2019	
				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4'-DDD	0.0033	13.0	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0021	0.0021	<0.0022	0.0022	<0.0033	0.0033	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022
	4,4'-DDE	0.0033	8.9	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0021	0.0021	<0.0022	0.0022	<0.0033	0.0033	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022
	4,4'-DDT	0.0033	7.9	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0021	0.0021	<0.0022	0.0022	<0.0033	0.0033	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022
	a-BHC	0.0200	0.48	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	a-Chlordane			<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0035	0.0035	<0.0036	0.0036	<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037
	Aldrin	0.0050	0.097	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0035	0.0035	<0.0036	0.0036	<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037
	b-BHC	0.0360	0.360	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Chlordane	0.0940	4.2	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.035	0.035	<0.036	0.036	<0.036	0.036	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037
	d-BHC	0.0400	100.0	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Dieldrin	0.0050	0.2	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0035	0.0035	<0.0036	0.0036	<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037
	Endosulfan I	2.4	24.0	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Endosulfan II	2.4	24.0	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Endosulfan sulfate	2.4	24.0	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Endrin	0.0140	11.0	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Endrin aldehyde			<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Endrin ketone			<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	g-BHC			<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015	<0.0014	0.0014	<0.0014	0.0014	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015
	g-Chlordane			<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0035	0.0035	<0.0036	0.0036	<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037
	Heptachlor	0.042	2.1	<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Heptachlor epoxide			<0.0074	0.0074	<0.0073	0.0073	<0.0073	0.0073	<0.0071	0.0071	<0.0071	0.0071	<0.0073	0.0073	<0.0074	0.0074	<0.0073	0.0073	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074	<0.0074	0.0074
	Methoxychlor			<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.035	0.035	<0.036	0.036	<0.036	0.036	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037
	Toxaphene			<0.15	0.15	<0.15	0.15	<0.15	0.15	<0.14	0.14	<0.14	0.14	<0.15	0.15	<0.15	0.15	<0.15	0.15	<0.15	0.15	<0.15	0.15	<0.15	0.15	<0.15	0.15
PCBs	PCB-1016	0.10	1.0	<0.074	0.074	<0.073	0.073	<0.073	0.073	<0.071	0.071	<0.071	0.071	<0.073	0.073	<0.074	0.074	<0.073	0.073	<0.074	0.074	<0.074	0.074	<0.074	0.074	<0.074	0.074
	PCB-1221	0.10	1.0	< 71	0.074	<0.073	0.073	< 71	0.073	<0.071	0.071	< 71	0.071	<0.073	0.073	< 71	0.074	<0.073	0.073	< 71	0.074	<0.074	0.074	< 71	0.074	<0.074	0.074
	PCB-1232	0.10	1.0	<0.074	0.074	<0.073	0.073	<0.073	0.073	<0.071	0.071	<0.071	0.071	<0.073	0.073	<0.074	0.074	<0.073	0.073	<0.074	0.074	<0.074	0.074	<0.074	0.074	<0.074	0.074
	PCB-1242	0.10	1.0	< 72	0.074	<0.073	0.073	< 72	0.073	<0.071	0.071	< 72	0.071	<0.073	0.073	< 72	0.074	<0.073	0.073	< 72	0.074	<0.074	0.074	< 72	0.074	<0.074	0.074
	PCB-1248	0.10	1.0	<0.074	0.074	<0.073	0.073	<0.073	0.073	<0.071	0.071	<0.071	0.071	<0.073	0.073	<0.074	0.074	<0.073	0.073	<0.074	0.074	<0.074	0.074	<0.074	0.074	<0.074	0.074
	PCB-1254	0.10	1.0	< 73	0.074	<0.073	0.073	< 73	0.073	<0.071	0.071	< 73	0.071	<0.073	0.073	< 73	0.074	0.19	0.073	< 73	0.074	<0.074	0.074	< 73	0.074	<0.074	0.074
	PCB-1260	0.10	1.0	<0.074	0.074	<0.073	0.073	<0.073	0.073	<0.071	0.071	<0.071	0.071	<0.073	0.073	<0.074	0.074	<0.073	0.073	<0.074	0.074	<0.074	0.074	<0.074	0.074	<0.074	0.074
	PCB-1262	0.10	1.0	< 74	0.074	<0.073	0.073	< 74	0.073	<0.071	0.071	< 74	0.071	<0.073	0.073	< 74	0.074	<0.073	0.073	< 74	0.074	<0.074	0.074	< 74	0.074	<0.074	0.074
	PCB-1268	0.10	1.0	<0.074	0.074	<0.073	0.073	<0.073	0.073	<0.071	0.071	<0.071	0.071	<0.073	0.073	<0.074	0.074	<0.073	0.073	<0.074	0.074	<0.074	0.074	<0.074	0.074	<0.074	0.074

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted - Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted - Indicated exceedance of the NYSDEC RRSO Guidance Value

Table 5
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B13				19B14				19B15				19B16				19B17				19B18				
			(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20)		
			11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/7/2019		11/7/2019		11/6/2019		11/6/2019		
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
4,4'-DDD	0.0033	13.0	<0.0021	0.0021	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0023	0.0023	<0.0022	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0022	0.0022	
4,4'-DDE	0.0033	8.9	<0.0021	0.0021	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0023	0.0023	<0.0022	0.0022	<0.0022	0.0022	<0.0021	0.0021	<0.0022	0.0022	
4,4'-DDT	0.0033	7.9	<0.005	0.005	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.0022	0.0022	<0.003	0.003	<0.0023	0.0023	<0.0022	0.0022	<0.0022	0.0022	<0.0033	0.0033	<0.0022	0.0022	
a-BHC	0.0200	0.48	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
a-Chlordane			<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	<0.0036	0.0036	<0.0039	0.0039	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036	<0.0036	0.0036	
Aldrin	0.0050	0.097	<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	<0.005	0.005	<0.0039	0.0039	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036	<0.0036	0.0036	
b-BHC	0.0360	0.360	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Chlordane	0.0940	4.2	<0.036	0.036	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.036	0.036	<0.036	0.036	<0.039	0.039	<0.036	0.036	<0.037	0.037	<0.036	0.036	<0.036	0.036	
d-BHC	0.0400	100.0	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Dieldrin	0.0050	0.2	<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	<0.004	0.004	<0.0039	0.0039	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036	<0.0036	0.0036	
Endosulfan I	2.4	24.0	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Endosulfan II	2.4	24.0	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Endosulfan sulfate	2.4	24.0	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Endrin	0.0140	11.0	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.014	0.014	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Endrin aldehyde			<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.009	0.009	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	3	0.36	<0.0074	0.0074	<0.014	0.014	<0.0072	0.0072	
Endrin ketone			<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
g-BHC			<0.0014	0.0014	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015	<0.0015	0.0015	<0.0014	0.0014	<0.0015	0.0015	<0.0016	0.0016	<0.0014	0.0014	<0.0015	0.0015	<0.0014	0.0014	<0.0014	0.0014	
g-Chlordane			<0.0036	0.0036	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0037	0.0037	<0.0036	0.0036	<0.0036	0.0036	<0.0039	0.0039	<0.0036	0.0036	<0.0037	0.0037	<0.0036	0.0036	<0.0036	0.0036	
Heptachlor	0.042	2.1	<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.009	0.009	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Heptachlor epoxide			<0.0071	0.0071	<0.0074	0.0074	<0.0075	0.0075	<0.0073	0.0073	<0.0074	0.0074	<0.0072	0.0072	<0.0073	0.0073	<0.0078	0.0078	<0.0072	0.0072	<0.0074	0.0074	<0.0071	0.0071	<0.0072	0.0072	
Methoxychlor			<0.036	0.036	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.037	0.037	<0.036	0.036	<0.036	0.036	<0.039	0.039	<0.036	0.036	<0.037	0.037	<0.036	0.036	<0.036	0.036	
Toxaphene			<0.14	0.14	<0.15	0.15	<0.15	0.15	<0.15	0.15	<0.15	0.15	<0.14	0.14	<0.15	0.15	<0.16	0.16	<0.14	0.14	<0.15	0.15	<0.14	0.14	<0.14	0.14	
PCBs	PCB-1016	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.075	0.075	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.073	0.073	<0.078	0.078	<0.072	0.072	<0.074	0.074	<0.071	0.071	<0.072	0.072
	PCB-1221	0.10	1.0	<0.071	0.071	<0.074	0.074	< 71	0.075	<0.073	0.073	< 71	0.074	<0.072	0.072	< 71	0.073	<0.078	0.078	< 71	0.072	<0.074	0.074	< 71	0.071	<0.072	0.072
	PCB-1232	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.075	0.075	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.073	0.073	<0.078	0.078	<0.072	0.072	<0.074	0.074	<0.071	0.071	<0.072	0.072
	PCB-1242	0.10	1.0	<0.071	0.071	<0.074	0.074	< 72	0.075	<0.073	0.073	< 72	0.074	<0.072	0.072	< 72	0.073	<0.078	0.078	< 72	0.072	<0.074	0.074	< 72	0.071	<0.072	0.072
	PCB-1248	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.075	0.075	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.073	0.073	<0.078	0.078	<0.072	0.072	<0.074	0.074	<0.071	0.071	<0.072	0.072
	PCB-1254	0.10	1.0	0.087	0.071	<0.074	0.074	< 73	0.075	<0.073	0.073	< 73	0.074	<0.072	0.072	< 73	0.073	<0.078	0.078	< 73	0.072	<0.074	0.074	< 73	0.071	<0.072	0.072
	PCB-1260	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.075	0.075	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.073	0.073	<0.078	0.078	<0.072	0.072	<0.074	0.074	<0.071	0.071	<0.072	0.072
	PCB-1262	0.10	1.0	<0.071	0.071	<0.074	0.074	< 74	0.075	<0.073	0.073	< 74	0.074	<0.072	0.072	< 74	0.073	<0.078	0.078	< 74	0.072	<0.074	0.074	< 74	0.071	<0.072	0.072
PCB-1268	0.10	1.0	<0.071	0.071	<0.074	0.074	<0.075	0.075	<0.073	0.073	<0.074	0.074	<0.072	0.072	<0.073	0.073	<0.078	0.078	<72	72	<0.074	0.074	<0.071	0.071	<0.072	0.072	

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Reporting Limit

Bold/highlighted - Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted - Indicated exceedance of the NYSDEC RRSO Guidance Value

Table 6a
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	19B1				19B2				19B3				19B4				19B5				19B6			
			(0-2')		(20-22')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
			11/7/2019		11/7/2019		11/6/2019		11/6/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			2,050	34	6,320	34	6,250	33	5,740	33	8,460	39	5,920	37	9,350	32	6,910	37	8,750	34	4,380	34	10,400	34	5,580	39
Antimony			< 3.4	3.4	< 3.4	3.4	< 3.3	3.3	< 3.3	3.3	< 3.9	3.9	< 3.7	3.7	< 3.2	3.2	< 3.7	3.7	< 3.4	3.4	< 3.4	3.4	< 3.4	3.4	< 3.9	3.9
Arsenic	13	16	3.9	0.69	1.59	0.69	2.05	0.66	1.16	0.67	2.52	0.78	2.31	0.73	5.1	0.64	1.72	0.74	3.33	0.68	0.83	0.68	6.43	0.68	1.86	0.77
Barium	350	400	9.7	0.7	35.2	0.7	47.2	0.7	36.8	0.7	67.8	0.8	38.9	0.7	178	0.6	37.1	0.7	185	0.7	37.1	0.7	220	0.7	42.9	0.8
Beryllium	7.2	72	0.21	0.28	0.36	0.27	0.38	0.26	0.31	0.27	0.37	0.31	0.33	0.29	0.42	0.26	0.39	0.30	0.46	0.27	0.23	0.27	0.46	0.27	0.28	0.31
Cadmium	2.5	4.3	0.4	0.34	0.66	0.34	0.78	0.33	0.51	0.33	1.37	0.39	0.62	0.37	1.36	0.32	0.8	0.37	1.56	0.34	0.43	0.34	0.98	0.34	0.63	0.39
Calcium			14,600	34	7,500	3.4	7,000	3.3	7,680	3.3	4,890	3.9	2,260	3.7	36,900	32	1,480	3.7	5,050	3.4	943	3.4	17,200	34	1,470	3.9
Chromium	30	180	5.47	0.34	16.3	0.34	16.7	0.33	14.9	0.33	19.8	0.39	15.8	0.37	20.5	0.32	20.9	0.37	25.1	0.34	11.5	0.34	20.4	0.34	16.1	0.39
Cobalt			2.17	0.34	5.89	0.34	6.61	0.33	5.51	0.33	7.22	0.39	5.62	0.37	7.3	0.32	7.01	0.37	8.35	0.34	4.34	0.34	8.19	0.34	5.88	0.39
Copper	50	270	4.5	0.7	11.9	0.7	21.8	0.7	14	0.7	57.7	0.8	12.6	0.7	75.1	0.6	15.5	0.7	181	6.8	10.1	0.7	92.1	0.7	12.6	0.8
Iron			7,670	34	17,500	34	18,400	33	13,300	33	18,100	39	16,800	37	21,800	32	21,700	37	29,400	34	10,300	34	18,700	34	17,700	39
Lead	63	400	4.2	0.7	4.4	0.7	20.9	0.7	3.7	0.7	145	0.8	4.1	0.7	366	0.6	5.3	0.7	210	0.7	2.9	0.7	191	0.7	3.4	0.8
Magnesium			8,180	34	5,090	3.4	2,500	3.3	4,990	33	2,590	3.9	2,130	3.7	8,670	32	2,080	3.7	2,970	3.4	1,670	3.4	3,880	3.4	2,000	3.9
Manganese	1,600	2,000	66.7	0.34	251	3.4	282	3.3	183	3.3	212	3.9	230	3.7	387	3.2	274	3.7	630	3.4	348	3.4	379	3.4	277	3.9
Mercury	0.18	0.81	< 0.03	0.03	< 0.03	0.03	0.2	0.07	< 0.03	0.03	0.19	0.07	< 0.03	0.03	0.17	0.06	< 0.03	0.03	0.12	0.07	< 0.03	0.03	0.35	0.07	< 0.03	0.03
Nickel	30	310	2.38	0.34	9.21	0.34	14.9	0.33	9.46	0.33	16.4	0.39	9.14	0.37	15.7	0.32	11	0.37	17.3	0.34	8.56	0.34	17.2	0.34	10	0.39
Potassium			325	7	1,150	7	1,340	7	1,040	7	1,390	8	1,030	7	1,140	6	1,030	7	1,300	7	833	7	1,520	7	1,220	8
Selenium	3.9	180	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.6	1.6	< 1.5	1.5	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5
Silver	2	180	< 0.34	0.34	< 0.34	0.34	< 0.33	0.33	< 0.33	0.33	< 0.39	0.39	< 0.37	0.37	< 0.32	0.32	< 0.37	0.37	< 0.34	0.34	< 0.34	0.34	< 0.34	0.34	< 0.39	0.39
Sodium			34	7	513	7	127	7	214	7	181	8	227	7	378	6	297	7	269	7	137	7	471	7	191	8
Thallium			< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.6	1.6	< 1.5	1.5	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5
Vanadium			14.3	0.34	23.4	0.34	33.9	0.33	20.3	0.33	25.5	0.39	24.4	0.37	29.9	0.32	30.6	0.37	38.9	0.34	17.6	0.34	30.1	0.34	30.6	0.39
Zinc	109	10,000	12.4	0.7	24.5	0.7	40.3	0.7	23	0.7	439	7.8	21.9	0.7	217	0.6	27.2	0.7	164	0.7	17.3	0.7	211	0.7	24.6	0.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSO Guidance Value

Table 6a
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives mg/Kg	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* mg/Kg	19B7				19B8				19B9				19B10				19B11				19B12			
			(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
			11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/22/2019		11/22/2019	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			6,460	34	4,210	33	12,200	33	6,340	34	9,840	35	5,480	33	6,850	35	4,540	34	9,100	35	6,900	35	8,690	36	9,920	34
Antimony			< 3.4	3.4	< 3.3	3.3	< 3.3	3.3	< 3.4	3.4	< 3.5	3.5	< 3.3	3.3	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.5	3.5	< 3.6	3.6	< 3.4	3.4
Arsenic	13	16	4.85	0.68	< 0.66	0.66	2.47	0.67	1.49	0.67	2.03	0.71	1.71	0.67	5.16	0.69	0.74	0.68	5.68	0.69	2.72	0.69	6.09	0.73	1.1	0.68
Barium	350	400	168	0.7	20	0.7	257	0.7	37.3	0.7	56.2	0.7	43.2	0.7	223	0.7	29.5	0.7	198	0.7	45.8	0.7	399	0.7	59.5	0.7
Beryllium	7.2	72	0.39	0.27	0.29	0.26	0.32	0.27	0.37	0.27	0.5	0.28	0.36	0.27	0.36	0.28	< 0.27	0.27	0.5	0.28	0.42	0.28	0.41	0.29	0.53	0.27
Cadmium	2.5	4.3	0.98	0.34	0.37	0.33	1.07	0.33	0.59	0.34	0.99	0.35	0.64	0.33	1.73	0.35	0.46	0.34	2.59	0.35	0.89	0.35	1.32	0.36	< 0.34	0.34
Calcium			44,400	34	850	3.3	40,900	33	7,610	3.4	2,130	3.5	8,310	3.3	12,500	35	1,690	3.4	5,610	3.5	5,280	3.5	18,100	36	31,300	34
Chromium	30	180	12.5	0.34	14.5	0.33	14.4	0.33	20.6	0.34	26.6	0.35	14.7	0.33	22	0.35	10.7	0.34	24	0.35	21.8	0.35	20.6	0.36	17.6	0.34
Cobalt			5.56	0.34	4.79	0.33	4.79	0.33	7.22	0.34	10.6	0.35	5.73	0.33	6.99	0.35	4.91	0.34	8.29	0.35	8.01	0.35	12.5	0.36	7.34	0.34
Copper	50	270	111	0.7	10	0.7	305	6.7	11.8	0.7	50.2	0.7	11.3	0.7	102	0.7	10.4	0.7	122	0.7	12	0.7	72.8	0.7	13.6	0.7
Iron			11,500	34	8,650	33	9,400	33	16,200	34	25,600	35	15,600	33	19,600	35	12,000	34	24,000	35	24,600	35	18,400	36	13,400	34
Lead	63	400	161	0.7	2.1	0.7	425	0.7	4.2	0.7	29.9	0.7	3.9	0.7	381	0.7	2.7	0.7	307	0.7	4.9	0.7	1,150	7.3	3.6	0.7
Magnesium			22,200	34	1,730	3.3	9,570	33	4,930	34	2,780	3.5	4,140	3.3	3,020	3.5	1,840	3.4	3,690	3.5	4,520	3.5	2,770	3.6	16,500	34
Manganese	1,600	2,000	160	3.4	79.6	0.33	255	3.3	205	3.4	467	3.5	259	3.3	289	3.5	216	3.4	436	3.5	352	3.5	611	3.6	221	3.4
Mercury	0.18	0.81	0.18	0.03	< 0.03	0.03	0.04	0.03	< 0.03	0.03	0.04	0.03	< 0.03	0.03	0.78	0.14	< 0.03	0.03	< 0.13	0.13	< 0.07	0.07	0.52	0.07	< 0.07	0.07
Nickel	30	310	14.5	0.34	8.89	0.33	10.7	0.33	13.2	0.34	16.9	0.35	9.04	0.33	16.7	0.35	8.78	0.34	17.3	0.35	12.8	0.35	13.7	0.36	12.4	0.34
Potassium			1,280	7	543	7	874	7	1,400	7	1,100	7	952	7	1,520	7	769	7	925	7	1,250	7	1,080	7	1,930	7
Selenium	3.9	180	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Silver	2	180	< 0.34	0.34	< 0.33	0.33	< 0.52	0.52	< 0.34	0.34	< 0.35	0.35	< 0.33	0.33	< 0.35	0.35	< 0.34	0.34	< 0.35	0.35	< 0.35	0.35	< 0.36	0.36	< 0.34	0.34
Sodium			270	7	127	7	796	7	220	7	199	7	158	7	190	7	178	7	198	7	154	7	300	7	394	7
Thallium			< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Vanadium			34.1	0.34	15.1	0.33	20.8	0.33	29.2	0.34	37.4	0.35	23.4	0.33	26.5	0.35	18.7	0.34	39.5	0.35	31.8	0.35	28.3	0.36	22.2	0.34
Zinc	109	10,000	193	0.7	17.8	0.7	446	6.7	23.7	0.7	50	0.7	23.1	0.7	394	6.9	19.5	0.7	536	6.9	31.2	0.7	368	0.7	31.9	0.7

Notes:
 * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
 RL - Reporting Limit
 Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
 Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6a
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives mg/Kg	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* mg/Kg	19B13				19B14				19B15				19B16				19B17				19B18			
			(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
			11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/7/2019		11/7/2019		11/6/2019		11/6/2019	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			5,950	35	3,390	37	9,000	36	5,430	36	10,800	37	5,510	36	7,620	36	4,720	36	7,170	33	6,130	34	3,830	32	5,410	35
Antimony			< 3.5	3.5	< 3.7	3.7	< 3.6	3.6	< 3.6	3.6	< 3.7	3.7	< 3.6	3.6	< 3.6	3.6	< 3.6	3.6	< 3.3	3.3	< 3.4	3.4	< 3.2	3.2	< 3.5	3.5
Arsenic	13	16	6.76	0.71	< 0.74	0.74	4.29	0.72	1.45	0.71	16.3	0.75	1.21	0.71	2.97	0.71	0.78	0.73	2.11	0.65	1.82	0.69	3.66	0.63	1.21	0.70
Barium	350	400	94.8	0.7	24	0.7	113	0.7	30.9	0.7	75.2	0.7	38.4	0.7	71.6	0.7	29.1	0.7	73.6	0.7	41.8	0.7	16	0.6	23.1	0.7
Beryllium	7.2	72	0.29	0.28	0.17	0.30	0.41	0.29	0.23	0.28	0.45	0.30	0.29	0.29	0.3	0.29	0.22	0.29	0.28	0.26	0.27	0.27	0.3	0.25	0.29	0.28
Cadmium	2.5	4.3	1.94	0.35	< 0.37	0.37	0.48	0.36	0.37	0.36	0.81	0.37	0.39	0.36	0.6	0.36	< 0.36	0.36	0.71	0.33	0.62	0.34	0.35	0.32	0.6	0.35
Calcium			7,060	3.5	10,100	3.7	4,130	3.6	2,110	3.6	8,130	3.7	5,450	3.6	3,490	3.6	8,120	3.6	32,400	33	4,310	3.4	11,000	32	2,530	3.5
Chromium	30	180	15.1	0.35	6.85	0.37	20.2	0.36	13	0.36	20.4	0.37	16.3	0.36	17.9	0.36	8.6	0.36	16	0.33	15.2	0.34	8.24	0.32	18.2	0.35
Cobalt			6.83	0.35	3.81	0.37	8.7	0.36	5.41	0.36	11.8	0.37	5.46	0.36	5.96	0.36	4.64	0.36	6.86	0.33	6.39	0.34	3.37	0.32	5.65	0.35
Copper	50	270	38.2	0.7	9.1	0.7	46.1	0.7	14.3	0.7	80.3	0.7	13.2	0.7	42.9	0.7	12.8	0.7	28.6	0.7	14.2	0.7	6.6	0.6	16.8	0.7
Iron			14,800	35	8,380	3.7	16,000	36	14,800	36	25,000	37	15,700	36	14,200	36	9,760	36	15,800	33	18,200	34	8,100	32	14,800	35
Lead	63	400	439	0.7	2.7	0.7	245	0.7	3.8	0.7	146	0.7	4.1	0.7	225	0.7	2.5	0.7	597	0.7	3.7	0.7	6.6	0.6	5.5	0.7
Magnesium			2,110	3.5	3,850	3.7	2,510	3.6	2,700	3.6	2,710	3.7	3,990	3.6	2,080	3.6	5,040	3.6	5,020	33	3,270	3.4	6,300	32	2,440	3.5
Manganese	1,600	2,000	331	3.5	175	3.7	300	3.6	149	3.6	634	3.7	167	3.6	234	3.6	259	3.6	240	3.3	262	3.4	106	0.32	236	3.5
Mercury	0.18	0.81	0.35	0.07	< 0.07	0.07	0.77	0.07	< 0.07	0.07	0.11	0.07	< 0.07	0.07	0.58	0.07	< 0.07	0.07	0.1	0.03	< 0.03	0.03	< 0.03	0.03	< 0.03	0.03
Nickel	30	310	12.5	0.35	7.5	0.37	14.4	0.36	12.4	0.36	20.1	0.37	9.15	0.36	10.7	0.36	9.44	0.36	12.7	0.33	9.4	0.34	3.42	0.32	8.97	0.35
Potassium			873	7	580	7	1,070	7	884	7	892	7	910	7	703	7	835	7	2,220	7	1,030	7	419	6	734	7
Selenium	3.9	180	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4
Silver	2	180	< 0.35	0.35	< 0.37	0.37	< 0.36	0.36	< 0.36	0.36	< 0.37	0.37	< 0.36	0.36	< 0.36	0.36	< 0.36	0.36	< 0.33	0.33	< 0.34	0.34	< 0.32	0.32	< 0.35	0.35
Sodium			427	7	161	7	301	7	261	7	457	7	142	7	162	7	241	7	202	7	275	7	31	6	317	7
Thallium			< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4
Vanadium			24.7	0.35	15.2	0.37	31.9	0.36	20.3	0.36	50.1	0.37	25.7	0.36	23.3	0.36	15	0.36	22.4	0.33	28.4	0.34	15.1	0.32	25	0.35
Zinc	109	10,000	540	7.1	16.4	0.7	119	0.7	21.5	0.7	104	0.7	23	0.7	139	0.7	19.2	0.7	99.2	0.7	22.4	0.7	11.9	0.6	20.7	0.7

Notes:
 * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
 RL - Reporting Limit
 Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
 Bold/highlighted- Indicated exceedance of the NYSDEC RRSC Guidance Value

Table 6b
69-02 Queens Blvd.
Queens, New York
Soil Analytical Results
Total and TCLP Lead

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	TCLP Regulatory Limit*	2PB1								2PB2								2PB3							
				(0-4')		(4-8')		(8-12')		(12-16')		(0-4')		(4-8')		(8-12')		(12-16')		(0-4')		(4-8')		(8-12')		(12-16')	
				11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019	
				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Total Lead	63	400		166	0.7	33.7	0.8	304	0.7	2.5	0.6	19.9	0.7	1,270	6.7	221	0.7	4.9	0.7	181	0.7	142	0.7	1,540	6.8	50	0.7
TCLP Lead			5	0.32	0.10	0.18	0.10	0.41	0.10	< 0.10	0.10	< 0.10	0.10	6.39	0.10	0.28	0.10	< 0.10	0.10	0.03	0.10	0.19	0.10	2.58	0.10	0.12	0.10

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	TCLP Regulatory Limit*	3PB1								3PB2								3PB3							
				(0-4')		(4-8')		(8-12')		(12-16')		(0-4')		(4-8')		(8-12')		(12-16')		(0-4')		(4-8')		(8-12')		(12-16')	
				11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019	
				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Total Lead	63	400		102	0.7	5.8	0.8	181	0.7	6.9	0.6	6.9	0.6	15.5	0.7	48.4	0.7	4.2	0.7	1,160	6.6	34.4	0.7	19.7	0.8	9.8	0.7
TCLP Lead			5	0.24	0.10	< 0.10	0.10	0.33	0.10	0.01	0.10	< 0.10	0.10	0.01	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	0.05	0.10	< 0.10	0.10	< 0.10	0.10

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the TCLP Regulatory Limit

Table 7
69-02 Queens Blvd.
Brooklyn, New York
Soil Analytical Results
Emerging Contaminants

Compound	19B1				19B2				19B3				19B4				19B5				19B6			
	(0-2')		(20-22')		(0-2')		(9-11')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
	11/7/2019		11/7/2019		11/6/2019		11/6/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019		11/7/2019	
	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Perfluorobutanoic Acid (PFBA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluoropentanoic Acid (PFPeA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorobutanesulfonic Acid (PFBS)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorohexanoic Acid (PFHxA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluoroheptanoic Acid (PFHpA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorooctanoic Acid (PFOA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorononanoic Acid (PFNA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorooctanesulfonic Acid (PFOS)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	0.00122	0.0011	ND	0.001	ND	0.001	ND	0.0011	0.00134	0.001	ND	0.001	0.00137	0.0011	ND	0.001
Perfluorodecanoic Acid (PFDA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluoroundecanoic Acid (PFUnA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorodecanesulfonic Acid (PFDS)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorooctanesulfonamide (FOSA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorododecanoic Acid (PFDoA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorotridecanoic Acid (PFTriDA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Perfluorotetradecanoic Acid (PFTA)	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001	ND	0.001	ND	0.0011	ND	0.001
Combined PFOA and PFOS	ND	0.001	ND	0.001	ND	0.001	ND	0.001	0.00122	0.0011	ND	0.001	ND	0.001	ND	0.0011	0.00134	0.001	ND	0.001	0.00137	0.0011	ND	0.001
Combined Total Detections	0		0		0		0		0.00122		0		0		0		0.00134		0		0.00137		0	

Notes:

DL- Detection Limit

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 70 ng/L (ppt) for combined detections of PFOA and PFOS

Table 7
69-02 Queens Blvd.
Brooklyn, New York
Soil Analytical Results
Emerging Contaminants

Compound	19B7				19B8				19B9				19B10				19B11				19B12			
	(0-2')		(18-20')		(0-2')		(18-20)		(0-2')		(18-20)		(0-2')		(18-20)		(0-2')		(18-20')		(0-2')		(18-20')	
	11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/22/2019		11/22/2019	
	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Perfluorobutanoic Acid (PFBA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluoropentanoic Acid (PFPeA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorobutanesulfonic Acid (PFBS)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorohexanoic Acid (PFHxA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluoroheptanoic Acid (PFHpA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorooctanoic Acid (PFOA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorononanoic Acid (PFNA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorooctanesulfonic Acid (PFOS)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorodecanoic Acid (PFDA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluoroundecanoic Acid (PFUnA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorodecanesulfonic Acid (PFDS)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorooctanesulfonamide (FOSA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorododecanoic Acid (PFDoA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorotridecanoic Acid (PFTrDA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Perfluorotetradecanoic Acid (PFTA)	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Combined PFOA and PFOS	ND	0.001	ND	0.0014	ND	0.0011	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.0011	ND	0.0013	ND	0.001	ND	1.15	ND	1.02
Combined Total Detections	0		0		0		0		0		0		0		0		0		0		0		0	

Notes:

DL- Detection Limit

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 70 ng/L (ppt) for combined detections of PFOA and PFOS

Table 7
69-02 Queens Blvd.
Brooklyn, New York
Soil Analytical Results
Emerging Contaminants

Compound	19B13				19B14				19B15				19B16				19B17				19B18			
	(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')		(0-2')		(18-20')	
	11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/21/2019		11/7/2019		11/7/2019		11/6/2019		11/6/2019	
	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Perfluorobutanoic Acid (PFBA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluoropentanoic Acid (PFPeA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorobutanesulfonic Acid (PFBS)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorohexanoic Acid (PFHxA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluoroheptanoic Acid (PFHpA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorooctanoic Acid (PFOA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorononanoic Acid (PFNA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorooctanesulfonic Acid (PFOS)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorodecanoic Acid (PFDA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluoroundecanoic Acid (PFUnA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorodecanesulfonic Acid (PFDS)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorooctanesulfonamide (FOSA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorododecanoic Acid (PFDoA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorotridecanoic Acid (PFTriDA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Perfluorotetradecanoic Acid (PFTA)	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Combined PFOA and PFOS	ND	0.966	ND	1.1	ND	1.06	ND	0.991	ND	1.09	ND	1.07	ND	1.09	ND	0.987	ND	0.001	ND	0.0011	ND	0.0011	ND	0.001
Combined Total Detections	0		0		0		0		0		0		0		0		0		0		0		0	

Notes:

DL- Detection Limit

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 70 ng/L (ppt) for combined detections of PFOA and PFOS

Table 8
69-02 Queens Blvd.
Queens, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	19MW1		19MW2		19MW3		19MW4		19MW5		19MW6		19MW7		19MW8		19MW9	
		12/2/2019		11/26/2019		11/26/2019		12/2/2019		11/26/2019		12/2/2019		12/2/2019		12/2/2019		11/26/2019	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
µg/L																			
1,1,1,2-Tetrachloroethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,1,1-Trichloroethane	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,1,2-Trichloroethane	1	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,1-Dichloroethane	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
1,1-Dichloroethene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,1-Dichloropropene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,2,3-Trichlorobenzene		<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,2,3-Trichloropropane	0.04	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.50	0.50
1,2,4-Trichlorobenzene		<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,2,4-Trimethylbenzene	5	<1.0	1.0	0.92	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	500	20
1,2-Dibromo-3-chloropropane	0.04	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50
1,2-Dibromooethane	0.0006	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	<0.50	0.50
1,2-Dichlorobenzene		<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<4.7	4.7
1,2-Dichloroethane	0.6	<0.60	0.60	<0.60	0.60	<0.60	0.60	<0.60	0.60	<0.60	0.60	<0.60	0.60	<0.60	0.60	<0.60	0.60	<0.50	0.50
1,2-Dichloropropane	1	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,3,5-Trimethylbenzene	5	<1.0	1.0	0.33	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	120	5.0
1,3-Dichlorobenzene	3	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<3.0	3.0
1,3-Dichloropropane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,4-Dichlorobenzene		<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
1,4-Dioxane		<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	0.29	0.20	<0.20	0.20
2,2-Dichloropropane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
2-Chlorotoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
2-Hexanone (Methyl Butyl Ketone)	50	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<13	13
2-Isopropyltoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
4-Chlorotoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
4-Methyl-2-Pentanone		<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<13	13
Acetone	50	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	7	5.0	<5.0	5.0	6.3	5.0	<25	25
Acrolein	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Acrylonitrile	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Benzene	1	0.38	0.70	<0.70	0.70	<0.70	0.70	<0.70	0.70	<0.70	0.70	<0.70	0.70	<0.70	0.70	<0.70	0.70	7.2	3.5
Bromobenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Bromochloromethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Bromodichloromethane	50	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Bromoform	50	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<25	25
Bromomethane	5	<5.0	5.0	0.64	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	3.2	5.0
Carbon Disulfide		<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Carbon tetrachloride	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Chlorobenzene	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Chloroethane	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Chloroform	7	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<7.0	7.0
Chloromethane	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
cis-1,2-Dichloroethene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
cis-1,3-Dichloropropene	0.04	<0.40	0.40	<0.40	0.40	<0.40	0.40	<0.40	0.40	<0.40	0.40	<0.40	0.40	<0.40	0.40	<0.40	0.40	<0.50	0.50
Dibromochloromethane	50	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Dibromomethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Dichlorodifluoromethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Ethylbenzene	5	<1.0	1.0	0.32	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	200	20
Hexachlorobutadiene	0.5	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50	<0.50	0.50
Isopropylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	18	5.0
m&p-Xylenes	5	0.32	1.0	0.93	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	1100	20
Methyl Ethyl Ketone (2-Butanone)	50	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<2.5	2.5	<13	13
Methyl t-butyl ether (MTBE)		1.7	1.0	<1.0	1.0	<1.0	1.0	0.89	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Methylene chloride	5	<3.0	3.0	<3.0	3.0	<3.0	3.0	<3.0	3.0	<3.0	3.0	<3.0	3.0	<3.0	3.0	<3.0	3.0	<5.0	5.0
Naphthalene	10	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	2.2	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	82	5.0
n-Butylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	3.6	5.0
n-Propylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	39	5.0
o-Xylene	5	<1.0	1.0	0.29	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	190	20
p-Isopropyltoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	1.7	5.0
sec-Butylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	3.8	5.0
Styrene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Tert-butyl alcohol		190	50	<50	50	<50	50	160	50	<50	50	<50	50	<50	50	<50	50	<250	250
tert-Butylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0
Tetrachloroethene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0								

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
69-02 Queens Blvd.,
Queens, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	19MW1		19MW2		19MW3		19MW4		19MW5		19MW6		19MW7		19MW8		19MW9	
		12/2/2019		11/26/2019		11/26/2019		12/2/2019		11/26/2019		12/2/2019		12/2/2019		12/2/2019		11/26/2019	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene		< 3.3	3.3	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5
1,2,4-Trichlorobenzene		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
1,2-Dichlorobenzene		< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
1,2-Diphenylhydrazine		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
1,3-Dichlorobenzene	3	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
1,4-Dichlorobenzene		< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
2,4-Dichlorophenol	5	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
2,4-Dimethylphenol	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
2,4-Dinitrophenol	5	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
2,4-Dinitrotoluene	5	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	34	1.1
2,4,5-Trichlorophenol	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
2,4,6-Trichlorophenol	1	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
2,6-Dinitrotoluene	5	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
2-Chloronaphthalene	10	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
2-Chlorophenol	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
2-Methylnaphthalene		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	20	5.5
2-Methylphenol (o-cresol)	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
2-Nitroaniline	5	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
2-Nitrophenol	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
3&4-Methylphenol (m&p-cresol)		< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	1.9	1.1
3,3'-Dichlorobenzidine	5	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
3-Nitroaniline	5	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
4,6-Dinitro-2-methylphenol	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
4-Bromophenyl phenyl ether		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
4-Chloro-3-methylphenol	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
4-Chloroaniline	5	< 3.3	3.3	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
4-Nitroaniline	5	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
4-Nitrophenol	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
Acenaphthene	20	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Acenaphthylene		< 0.47	0.47	< 0.53	0.53	< 0.50	0.50	< 0.50	0.50	< 0.54	0.54	< 0.51	0.51	< 0.50	0.50	< 0.49	0.49	< 0.55	0.55
Acetophenone		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Aniline	5	< 3.3	3.3	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5
Anthracene	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Benzo(a)anthracene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.04	0.02	< 0.02	0.02	< 0.02	0.02
Benztidine	5	< 4.2	4.2	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.4	4.4	< 4.5	4.5
Benzo(a)pyrene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(g,h,i)perylene		< 0.47	0.47	< 0.53	0.53	< 0.50	0.50	< 0.50	0.50	< 0.54	0.54	< 0.51	0.51	< 0.50	0.50	< 0.49	0.49	< 0.55	0.55
Benzo(k)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.03	0.02	< 0.02	0.02	< 0.02	0.02
Benzoic Acid		< 24	24	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 24	24	< 25	25
Butyl benzyl phthalate	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Bis(2-chloroethoxy)methane	5	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Bis(2-chloroethyl)ether	1	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
Bis(2-chloroisopropyl)ether		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Bis(2-ethylhexyl)phthalate	5	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
Carbazole		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Chrysene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.04	0.02	< 0.02	0.02	< 0.02	0.02
Dibenzo(a,h)anthracene		< 0.47	0.47	< 0.53	0.53	< 0.50	0.50	< 0.50	0.50	< 0.54	0.54	< 0.51	0.51	< 0.50	0.50	< 0.49	0.49	< 0.55	0.55
Dibenzofuran		< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Diethylphthalate	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.4	5.4	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Dimethylphthalate	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Di-n-butylphthalate	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Di-n-octylphthalate	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Fluoranthene	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Fluorene	50	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Hexachlorobenzene	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04
Hexachlorobutadiene	0.5	< 0.47	0.47	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.49	0.49	< 0.50	0.50
Hexachlorocyclopentadiene	5	< 4.7	4.7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 4.9	4.9	< 5.0	5.0
Hexachloroethane	5	< 0.94	0.94	< 1.0	1.0	< 1.0	1.0	< 0.99	0.99	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.97	0.97	< 1.0	1.0
Indeno(1,2,3-cd)pyrene	0																		

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10
69-02 Queens Blvd.,
Queens, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	19MW1		19MW2		19MW3		19MW4		19MW5		19MW6		19MW7		19MW8		19MW9	
		12/2/2019		11/26/2019		11/26/2019		12/2/2019		11/26/2019		12/2/2019		12/2/2019		12/2/2019		11/26/2019	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	0.09	< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1221	0.09	< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1232	0.09	< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1242	0.09	< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1248	0.09	< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1254	0.09	< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1260	0.09	< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1262		< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
PCB-1268		< 0.054	0.054	< 0.053	0.053	< 0.054	0.054	< 0.053	0.053	< 0.052	0.052	< 0.051	0.051	< 0.053	0.053	< 0.050	0.050	< 0.058	0.058
4,4-DDD	0.3	< 0.005	0.005	< 0.002	0.002	< 0.002	0.002	< 0.005	0.005	< 0.002	0.002	< 0.020	0.020	< 0.005	0.005	< 0.005	0.005	< 0.002	0.002
4,4-DDE	0.2	< 0.005	0.005	< 0.002	0.002	< 0.002	0.002	< 0.005	0.005	< 0.002	0.002	< 0.020	0.020	< 0.005	0.005	< 0.005	0.005	< 0.002	0.002
4,4-DDT	0.2	< 0.005	0.005	< 0.002	0.002	< 0.002	0.002	< 0.010	0.010	< 0.002	0.002	< 0.020	0.020	< 0.005	0.005	< 0.005	0.005	< 0.002	0.002
a-BHC	0.01	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.020	0.020	< 0.005	0.005	< 0.005	0.005	< 0.006	0.006
a-chlordane		< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.010	0.010	< 0.10	0.10	< 0.011	0.011	< 0.010	0.010	< 0.012	0.012
Alachlor	0.5	< 0.080	0.080	< 0.080	0.080	< 0.081	0.081	< 0.080	0.080	< 0.078	0.078	< 0.051	0.051	< 0.079	0.079	< 0.075	0.075	< 0.087	0.087
Aldrin		< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.020	0.020	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
b-BHC	0.04	< 0.010	0.010	< 0.005	0.005	< 0.005	0.005	< 0.020	0.020	< 0.005	0.005	< 0.020	0.020	< 0.020	0.020	< 0.005	0.005	< 0.006	0.006
Chlordane	0.05	< 0.021	0.021	< 0.021	0.021	< 0.022	0.022	< 0.021	0.021	< 0.021	0.021	< 0.20	0.20	< 0.021	0.021	< 0.050	0.050	< 0.023	0.023
d-BHC	0.04	< 0.010	0.010	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.040	0.040	< 0.020	0.020	< 0.005	0.005	< 0.005	0.005	< 0.006	0.006
Dieldrin	0.004	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.020	0.020	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Endosulfan I		< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.010	0.010	< 0.051	0.051	< 0.011	0.011	< 0.010	0.010	< 0.012	0.012
Endosulfan II		< 0.011	0.011	0.015	0.010	< 0.011	0.011	< 0.011	0.011	< 0.010	0.010	< 0.051	0.051	< 0.011	0.011	< 0.010	0.010	< 0.10	0.10
Endosulfan Sulfate		< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.010	0.010	< 0.051	0.051	< 0.011	0.011	< 0.010	0.010	< 0.012	0.012
Endrin		< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.051	0.051	< 0.005	0.005	< 0.010	0.010	< 0.006	0.006
Endrin aldehyde	5	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.010	0.010	< 0.10	0.10	< 0.011	0.011	< 0.010	0.010	< 0.012	0.012
Endrin ketone	5	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.010	0.010	< 0.10	0.10	< 0.011	0.011	< 0.010	0.010	< 0.012	0.012
gamma-BHC	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.020	0.020	< 0.005	0.005	< 0.005	0.005	< 0.006	0.006
g-chlordane		< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.010	0.010	< 0.020	0.020	< 0.011	0.011	< 0.010	0.010	< 0.012	0.012
Heptachlor	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.051	0.051	< 0.005	0.005	< 0.010	0.010	< 0.006	0.006
Heptachlor epoxide	0.03	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.051	0.051	< 0.005	0.005	< 0.010	0.010	< 0.006	0.006
Methoxychlor	35	< 0.11	0.11	< 0.11	0.11	< 0.11	0.11	< 0.11	0.11	< 0.10	0.10	< 1.0	1.0	< 0.11	0.11	< 0.10	0.10	< 0.12	0.12
Toxaphene	0.06	< 0.21	0.21	< 0.21	0.21	< 0.22	0.22	< 0.21	0.21	< 0.21	0.21	< 2.0	2.0	< 0.21	0.21	< 0.20	0.20	< 0.23	0.23

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 11
85-89 4th Avenue Brooklyn, New York
Groundwater Analytical Results
Total Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	19MW1		19MW2		19MW3		19MW4		19MW5		19MW6		19MW7		19MW8		19MW9	
		12/2/2019		11/26/2019		11/26/2019		12/2/2019		11/26/2019		12/2/2019		12/2/2019		12/2/2019		11/26/2019	
		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	0.1	1.42	0.020	10.6	0.020	0.035	0.020	1.53	0.020	0.177	0.020	22.7	0.020	0.121	0.020	0.692	0.020	1.14	0.020
Antimony	0.003	< 0.0030	0.0030	< 0.0030	0.0030	< 0.0030	0.0030	< 0.0030	0.0030	< 0.0030	0.0030	0.0044	0.0030	< 0.0030	0.0030	< 0.0030	0.0030	< 0.0030	0.0030
Arsenic	0.025	0.004	0.004	< 0.004	0.004	< 0.004	0.004	0.002	0.004	< 0.004	0.004	0.002	0.004	0.002	0.004	< 0.004	0.004	< 0.004	0.004
Barium	1	0.106	0.010	0.181	0.010	0.063	0.010	0.086	0.010	0.139	0.010	0.39	0.010	0.181	0.010	0.036	0.010	0.286	0.010
Beryllium	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	0.001	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium		247	0.10	79.3	0.010	96.2	0.010	103	0.010	135	0.10	285	0.10	181	0.10	337	0.10	133	0.10
Chromium	0.05	0.003	0.001	0.023	0.001	0.001	0.001	0.003	0.001	< 0.001	0.001	0.059	0.001	< 0.001	0.001	< 0.001	0.001	0.007	0.001
Cobalt		0.004	0.005	0.009	0.005	< 0.005	0.005	0.002	0.005	< 0.005	0.005	0.023	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Copper	0.2	0.003	0.005	0.018	0.005	< 0.005	0.005	0.004	0.005	< 0.005	0.005	0.07	0.005	< 0.005	0.005	0.003	0.005	< 0.005	0.005
Iron	0.3	3.35	0.01	14.8	0.01	0.03	0.01	4.39	0.01	0.23	0.01	48.1	0.01	0.18	0.01	0.96	0.01	4.16	0.01
Lead	0.025	0.003	0.002	0.006	0.002	< 0.002	0.002	0.002	0.002	< 0.002	0.002	0.102	0.002	< 0.002	0.002	0.001	0.002	< 0.002	0.002
Magnesium	35	37.6	0.010	21.1	0.010	19.5	0.010	25.3	0.010	28.1	0.010	58	0.010	47.8	0.010	11.8	0.010	37.1	0.010
Manganese	0.3	2.81	0.050	2.58	0.050	0.251	0.005	1.81	0.005	0.448	0.005	1.34	0.005	0.843	0.005	0.288	0.005	2.85	0.050
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	0.005	0.004	0.015	0.004	0.005	0.004	0.007	0.004	0.008	0.004	0.039	0.004	0.003	0.004	0.002	0.004	0.004	0.004
Potassium		19	0.1	11.2	0.1	13.3	0.1	8.1	0.1	12	0.1	18.2	0.1	25.5	0.1	4	0.1	14.8	0.1
Selenium	0.01	< 0.010	0.010	< 0.010	0.010	0.012	0.010	0.002	0.010	< 0.010	0.010	0.002	0.010	0.017	0.010	0.001	0.010	< 0.010	0.010
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	20	94.9	1.0	38.3	0.10	62.2	1.0	163	1.0	142	1.0	26.8	0.10	48.4	0.10	6.74	0.10	114	1.0
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium		0.005	0.010	0.029	0.010	< 0.010	0.010	0.006	0.010	< 0.010	0.010	0.07	0.010	< 0.010	0.010	0.004	0.010	< 0.010	0.010
Zinc	5	0.019	0.010	0.037	0.010	< 0.010	0.010	0.008	0.010	< 0.010	0.010	0.387	0.010	0.004	0.010	0.08	0.010	< 0.010	0.010

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 12
85-89 4th Avenue, Brooklyn, New York
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	19MW1		19MW2		19MW3		19MW4		19MW5		19MW6		19MW7		19MW8		19MW9	
		12/2/2019		11/26/2019		11/26/2019		12/2/2019		11/26/2019		12/2/2019		12/2/2019		12/2/2019		11/26/2019	
		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum (Dissolved)	0.1	0.032	0.011	0.046	0.011	0.036	0.011	0.027	0.011	0.037	0.011	0.035	0.011	0.029	0.011	0.029	0.011	0.039	0.011
Arsenic, (Dissolved)	0.025	0.004	0.003	< 0.003	0.003	< 0.003	0.003	0.003	0.003	< 0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	< 0.003	0.003
Barium (Dissolved)	1	0.096	0.011	0.105	0.011	0.062	0.011	0.075	0.011	0.132	0.011	0.101	0.011	0.177	0.011	0.029	0.011	0.261	0.011
Beryllium (Dissolved)	0.005	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium (Dissolved)	0.003	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium (Dissolved)		239	0.11	88.9	0.01	108	0.01	104	0.01	150	0.01	263	0.11	174	0.11	319	0.11	154	0.01
Chromium (Dissolved)	0.05	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cobalt, (Dissolved)		0.003	0.005	< 0.005	0.005	< 0.005	0.005	0.001	0.005	< 0.005	0.005	0.001	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Copper, (Dissolved)	0.2	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	0.008	0.005	< 0.005	0.005	0.001	0.005	< 0.005	0.005
Antimony (Dissolved)	0.003	0.0005	0.0003	< 0.003	0.003	< 0.003	0.003	0.0001	0.0003	< 0.003	0.003	0.0054	0.0003	0.0001	0.0003	0.0003	0.0003	< 0.003	0.003
Selenium (Dissolved)	0.01	< 0.002	0.002	< 0.010	0.010	0.012	0.010	0.001	0.002	< 0.010	0.010	0.001	0.002	0.016	0.002	< 0.002	0.002	< 0.010	0.010
Thallium (Dissolved)	0.0005	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003
Iron, (Dissolved)	0.3	< 0.01	0.01	0.04	0.01	0.03	0.01	0.02	0.01	< 0.01	0.01	< 0.01	0.01	< 0.01	0.01	< 0.01	0.01	< 0.01	0.01
Lead (Dissolved)	0.025	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	0.001	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Magnesium (Dissolved)	35	36.1	0.01	18.9	0.01	21.1	0.01	24.8	0.01	29.2	0.01	41.2	0.01	46.9	0.01	11.3	0.01	37.4	0.01
Manganese, (Dissolved)	0.3	2.7	0.053	2.33	0.053	0.27	0.005	1.79	0.005	0.448	0.005	0.329	0.005	0.83	0.005	0.247	0.005	2.94	0.053
Mercury (Dissolved)	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel, (Dissolved)	0.1	0.003	0.004	< 0.004	0.004	< 0.004	0.004	0.005	0.004	0.006	0.004	0.005	0.004	0.002	0.004	0.001	0.004	< 0.004	0.004
Potassium (Dissolved)		20	1.1	8.7	0.1	12.7	0.1	7.6	1.1	11.6	0.1	13.1	1.1	26	0.1	3.6	1.1	14	0.1
Silver (Dissolved)	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium (Dissolved)	20	93	1.1	36.5	0.11	56.6	1.1	163	1.1	152	1.1	25.1	0.11	48.5	0.11	6.6	0.11	118	1.1
Vanadium, (Dissolved)		0.002	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011
Zinc, (Dissolved)	5	0.012	0.011	< 0.011	0.011	< 0.011	0.011	0.003	0.011	< 0.011	0.011	0.165	0.011	< 0.011	0.011	0.072	0.011	< 0.011	0.011

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 13
69-02 Queens Blvd.
Brooklyn, New York
Groundwater Analytical Results
Emerging Contaminants

Compound	19MW1		19MW2		19MW3		19MW4		19MW5		19MW6		19MW7		19MW8		19MW9	
	12/2/2019		11/26/2019		11/26/2019		12/2/2019		11/26/2019		12/2/2019		12/2/2019		12/2/2019		11/26/2019	
	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Perfluorobutanoic Acid (PFBA)	0.0156	0.002	0.032	0.0019	0.03	0.0021	0.03	0.002	0.0335	0.0021	0.0322	0.002	0.0183	0.0019	0.00354	0.002	0.0319	0.0021
Perfluoropentanoic Acid (PFPeA)	0.0154	0.002	0.0941	0.0019	0.0152	0.0021	0.0873	0.002	0.0154	0.0021	0.0149	0.002	0.035	0.0019	0.00177	0.002	0.0949	0.0021
Perfluorobutanesulfonic Acid (PFBS)	0.00468	0.002	0.00568	0.0019	0.00479	0.0021	0.0051	0.002	0.00545	0.0021	0.00496	0.002	0.0153	0.0019	0.000863	0.002	0.00605	0.0021
Perfluorohexanoic Acid (PFHxA)	0.0172	0.002	0.0567	0.0019	0.0358	0.0021	0.0533	0.002	0.0359	0.0021	0.0317	0.002	0.0422	0.0019	0.00295	0.002	0.0574	0.0021
Perfluoroheptanoic Acid (PFHpA)	0.0118	0.002	0.0376	0.0019	0.0135	0.0021	0.0361	0.002	0.0142	0.0021	0.0121	0.002	0.0254	0.0019	0.00263	0.002	0.0393	0.0021
Perfluorohexanesulfonic Acid (PFHxS)	0.0092	0.002	0.00809	0.0019	0.00323	0.0021	0.00727	0.002	0.00533	0.0021	0.00586	0.002	0.00804	0.0019	0.00113	0.002	0.00757	0.0021
Perfluorooctanoic Acid (PFOA)	0.0249	0.002	0.0769	0.0019	0.115	0.0021	0.0737	0.002	0.117	0.0021	0.103	0.002	0.232	0.0019	0.0126	0.002	0.077	0.0021
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.002	0.00332	0.0019	0.00484	0.0021	0.00271	0.002	0.00416	0.0021	0.00373	0.002	ND	0.0019	ND	0.002	0.00752	0.0021
Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.002	0.00148	0.0019	0.00093	0.0021	0.0011	0.002	0.00122	0.0021	0.00114	0.002	ND	0.0019	ND	0.002	0.00102	0.0021
Perfluorononanoic Acid (PFNA)	0.00249	0.002	0.00763	0.0019	0.0489	0.0021	0.00754	0.002	0.048	0.0021	0.0402	0.002	0.000633	0.0019	0.00245	0.002	0.00796	0.0021
Perfluorooctanesulfonic Acid (PFOS)	0.0143	0.002	0.033	0.0019	0.109	0.0021	0.0329	0.002	0.106	0.0021	0.0995	0.002	0.00678	0.0019	0.0118	0.002	0.0311	0.0021
Perfluorodecanoic Acid (PFDA)	0.000626	0.002	ND	0.0019	0.0176	0.0021	ND	0.002	0.017	0.0021	0.0147	0.002	ND	0.0019	0.00936	0.002	ND	0.0021
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.002	ND	0.0019	0.00492	0.0021	ND	0.002	0.00556	0.0021	0.00429	0.002	ND	0.0019	ND	0.002	ND	0.0021
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.002	ND	0.0019	0.0178	0.0021	ND	0.002	0.0161	0.0021	0.014	0.002	ND	0.0019	0.0154	0.002	ND	0.0021
Perfluoroundecanoic Acid (PFUnA)	ND	0.002	ND	0.0019	0.00269	0.0021	ND	0.002	0.0028	0.0021	0.00228	0.002	ND	0.0019	0.00146	0.002	ND	0.0021
Perfluorodecanesulfonic Acid (PFDS)	ND	0.002	ND	0.0019	0.00278	0.0021	ND	0.002	0.00371	0.0021	0.00327	0.002	ND	0.0019	ND	0.002	ND	0.0021
Perfluorooctanesulfonamide (FOSA)	ND	0.002	ND	0.0019	0.00867	0.0021	ND	0.002	0.00698	0.0021	0.00712	0.002	ND	0.0019	0.00183	0.002	ND	0.0021
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.002	ND	0.0019	0.0934	0.0021	ND	0.002	0.0788	0.0021	0.0809	0.002	ND	0.0019	0.00932	0.002	0.00119	0.0021
Perfluorododecanoic Acid (PFDoA)	ND	0.002	ND	0.0019	0.00127	0.0021	ND	0.002	0.000996	0.0021	0.00124	0.002	ND	0.0019	0.00675	0.002	ND	0.0021
Perfluorotridecanoic Acid (PFTTrDA)	ND	0.002	ND	0.0019	ND	0.0021	ND	0.002	ND	0.0021	ND	0.002	ND	0.0019	ND	0.002	ND	0.0021
Perfluorotetradecanoic Acid (PFTA)	ND	0.002	ND	0.0019	ND	0.0021	ND	0.002	ND	0.0021	ND	0.002	ND	0.0019	ND	0.002	ND	0.0021
Combined PFOA and PFOS	0.0392	0.002	0.11	0.0019	0.224	0.0021	0.107	0.002	0.223	0.0021	0.203	0.002	0.239	0.0019	0.0244	0.002	0.108	0.0021
Combined Total Detections	0.116196		0.3565		0.53032		0.33702		0.518106		0.47709		0.383653		0.083853		0.36291	

Notes:

DL- Detection Limit

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 70 ng/L (ppt) for combined detections of PFOA and PFOS

TABLE 14
69-02 Queens Blvd, Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Soil Outdoor Background Levels (µg/m³) ^(b)	SG4		SG5		SG6		SG7		SG8		SG9		SG10		SG11		SG12	
		11/25/2019		11/25/2019		11/25/2019		11/25/2019		11/25/2019		11/25/2019		11/25/2019		11/25/2019		11/25/2019	
		µg/m³		µg/m³		µg/m³		µg/m³		µg/m³		µg/m³		µg/m³		µg/m³		µg/m³	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,1-Trichloroethane	<2.0 - 2.8	1.36	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,2,2-Tetrachloroethane	<1.5	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,2-Trichloroethane	<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1-Dichloroethane	<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1-Dichloroethene	<1.0	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20
1,2,4-Trichlorobenzene	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2,4-Trimethylbenzene	<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.11	1.00	1.06	1.00	<1.00	1.00	<1.00	1.00
1,2-Dibromoethane	<1.5	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichlorobenzene	<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichloroethane	<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichloropropane		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichlorotetrafluoroethane		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3,5-Trimethylbenzene	<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3-Butadiene	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3-Dichlorobenzene	<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.86	1.00	1.56	1.00	2.36	1.00	1.8	1.00	1.53	1.00	1.71	1.00
1,4-Dichlorobenzene	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,4-Dioxane		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
2-Hexanone		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Ethyltoluene	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.04	1.00	<1.00	1.00	<1.00	1.00
4-Isopropyltoluene		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Methyl-2-pentanone		1.44	1.00	<1.00	1.00	<1.00	1.00	1.94	1.00	1.89	1.00	1.5	1.00	1.67	1.00	2.02	1.00	2.33	1.00
Acetone	NA	13.6	1.00	229	5.01	451	5.01	52.7	1.00	43.9	1.00	249	5.01	90.9	1.00	163	5.01	449	5.01
Acrylonitrile		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Benzene	<1.6 - 4.7	1.92	1.00	<1.00	1.00	1.22	1.00	1.65	1.00	1.45	1.00	2.45	1.00	1.48	1.00	2.21	1.00	1.48	1.00
Benzyl Chloride	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromodichloromethane	<5.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromoform	<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromomethane	<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Carbon Disulfide	NA	10.3	1.00	<1.00	1.00	7.5	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	11.8	1.00
Carbon Tetrachloride	<3.1	0.26	0.20	0.45	0.20	0.26	0.20	0.51	0.20	0.33	0.20	<0.20	0.20	0.26	0.20	0.28	0.20	0.29	0.20
Chlorobenzene	<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloroethane	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloroform	<2.4	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.09	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloromethane	<1.0 - 1.4	6.6	1.00	2.17	1.00	<1.00	1.00	2.11	1.00	1.36	1.00	<1.00	1.00	1.97	1.00	3.24	1.00	6.6	1.00
cis-1,2-Dichloroethene	<1.0	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20	19.8	0.20
cis-1,3-Dichloropropene	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Cyclohexane	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	2.3	1.00	<1.00	1.00	<1.00	1.00
Dibromochloromethane	<5.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Dichlorodifluoromethane	NA	1.04	1.00	1.39	1.00	<1.00	1.00	1.77	1.00	1.15	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Ethanol		24.9	1.00	27.7	1.00	40.1	1.00	30.7	1.00	44.6	1.00	61.6	1.00	25.4	1.00	36	1.00	70.8	1.00
Ethyl Acetate	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Ethylbenzene	<4.3	<1.00	1.00	1.52	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.04	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Heptane	NA	25.1	1.00	1.01	1.00	<1.00	1.00	1.09	1.00	<1.00	1.00	3.06	1.00	5.45	1.00	<1.00	1.00	1.76	1.00
Hexachlorobutadiene	NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Hexane	<1.5	65.2	1.00	<1.00	1.00	1.09	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	5.14	1.00	<1.00	1.00	<1.00	1.00
Isopropylalcohol	NA	1.6	1.00	8.08	1.00	<1.00	1.00	3.83	1.00	3.51	1.00	10.6	1.00	3.56	1.00	8.5	1.00	24	1.00
Isopropylbenzene		<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Xylene (m&p)	<4.3	1.66	1.00	5.34	1.00	3.48	1.00	2.49	1.00	2.16	1.00	3.69	1.00	3.2	1.00	2.24	1.00	2.63	1.00
Methyl Ethyl Ketone		2.12	1.00	10.2	1.00	11.7													

TABLE 15
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	19B1	19B2	19B3	19B4	19B5	19B6	19B7	19B8	19B9	19B10	19B11	19B12	19B13	19B14	19B15	19B16	19B17	19B18	
			(20-22)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(18-20)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(0-2)	(18-20)
			11/7/2019	11/6/2019	11/7/2019	11/7/2019	11/7/2019	11/7/2019	11/6/2019	11/6/2019	11/6/2019	11/6/2019	11/6/2019	11/22/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/7/2019	11/6/2019
Sample Results in mg/kg																					
1,2,4-Trimethylbenzene	7-110	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	
1,3,5-Trimethylbenzene	35-35	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	
Benzene	0.34-0.34	1	0.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ethylbenzene	6-38	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	
m&p-Xylenes	0.45-110	3	5	-	-	-	-	-	-	-	-	0.45	-	-	-	-	-	-	-	110	
Naphthalene	16-16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
n-Propylbenzene	22-22	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	
O-Xylene	0.54-33	2	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	
Toluene	7.9-7.9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
Sample Results in mg/kg																					
Benzo(a)anthracene	1.3-5.8	5	-	-	-	-	3	-	-	-	-	6	-	2	-	-	1	5	-	-	
Benzo(a)pyrene	1.3-5.8	5	-	-	-	-	3	-	-	-	-	6	-	2	-	-	1	5	-	-	
Benzo(b)fluoranthene	1.1-6.5	5	-	-	-	-	3	-	-	-	-	7	-	1	-	-	1	4	-	-	
Benzo(k)fluoranthene	1-3.4	5	-	-	-	-	2	-	-	-	-	3	-	1	-	-	1	3	-	-	
Chrysene	1.3-5.6	5	-	-	-	-	4	-	-	-	-	6	-	2	-	-	1	5	-	-	
Dibenz(a,h)anthracene	0.4-1.1	3	-	-	-	-	0.4	-	-	-	-	1	-	-	-	-	-	0.78	-	-	
Indeno(1,2,3-cd)pyrene	0.53-3.4	7	-	-	-	-	2	-	-	-	-	3	-	1	-	0.58	0.87	3	0.53	-	
Sample Results in mg/kg																					
4,4' -DDD	0.0064-0.0064	1	-	-	0.0064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4,4' -DDT	0.0081-0.0081	1	-	0.0081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chlordane	0.21-0.21	1	-	-	-	-	0.21	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sample Results in mg/kg																					
PCB-1254	0.19-0.19	1	-	-	-	-	-	-	-	-	-	0.19	-	-	-	-	-	-	-	-	
Sample Results in mg/kg																					
Arsenic	16.3-16.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.3	-	-	-	
Barium	399-399	1	-	-	-	-	-	-	-	-	-	-	-	399	-	-	-	-	-	-	
Cadmium	2.59-2.59	1	-	-	-	-	-	-	-	-	-	-	2.59	-	-	-	-	-	-	-	
Copper	50.2-305	11	-	-	57.7	75.1	181	92.1	111	305	50.2	102	122	72.8	-	-	80.3	-	-	-	
Lead	145-1150	14	-	-	145	366	210	191	161	425	-	381	307	1,150	439	245	146	225	597	-	
Mercury	0.19-0.78	8	-	0.2	0.19	-	-	0.35	-	-	-	0.78	-	0.52	0.35	0.77	-	0.58	-	-	
Zinc	119-540	12	-	-	439	217	164	211	193	446	-	394	536	368	540	119	-	139	-	-	

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

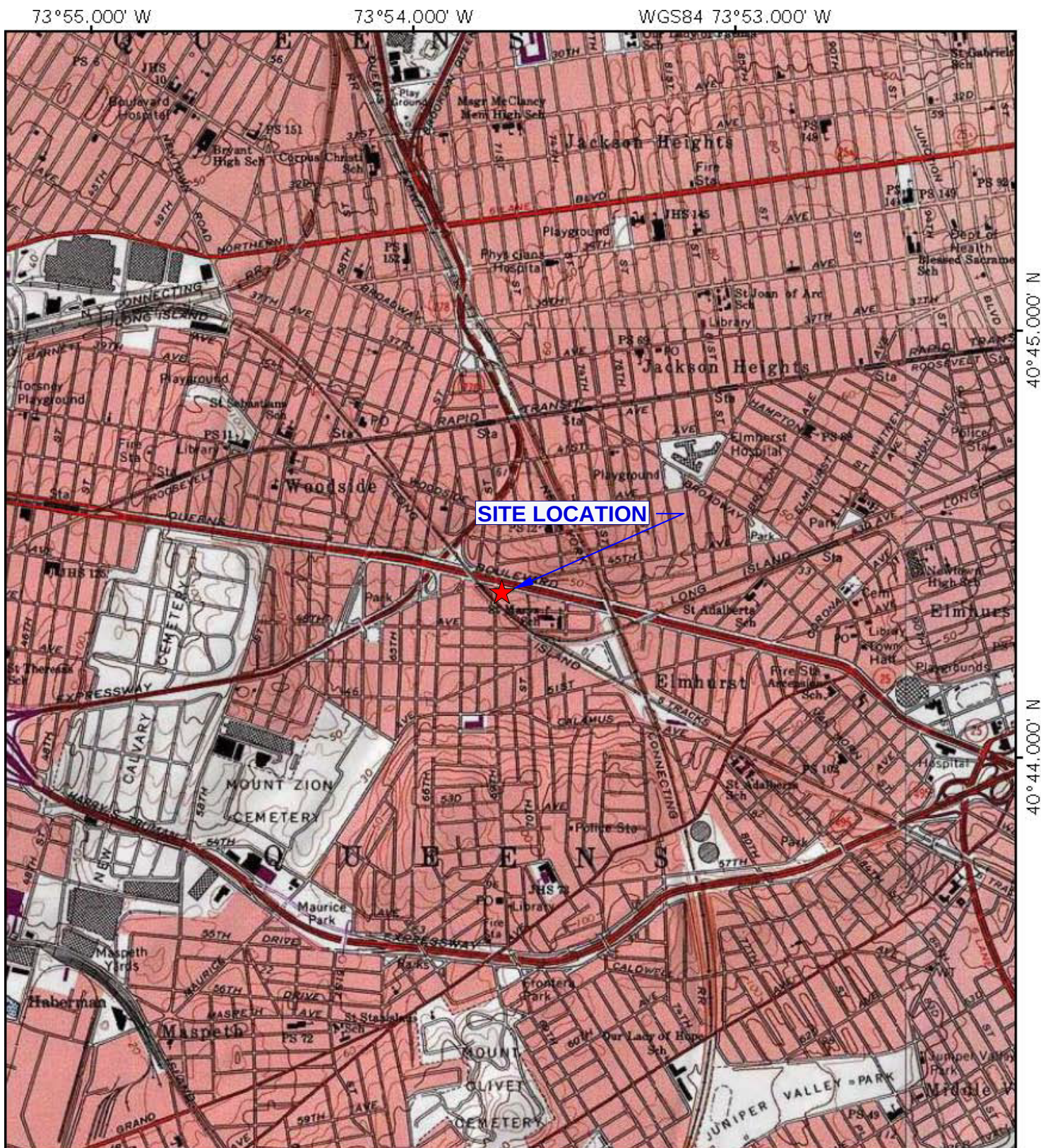
TABLE 16
Parameters Detected Above Ambient Groundwater Standards

Compound	Range of Exceedances	Frequency of Detection	19MW1 12/2/2019	19MW2 11/26/2019	19MW3 11/26/2019	19MW4 12/2/2019	19MW5 11/26/2019	19MW6 12/2/2019	19MW7 12/2/2019	19MW8 12/2/2019	19MW9 11/26/2019
Sample Results in ug/L											
1,2,4-Trimethylbenzene	500-500	1	-	-	-	-	-	-	-	-	500
1,3,5-Trimethylbenzene	120-120	1	-	-	-	-	-	-	-	-	120
Benzene	7.2-7.2	1	-	-	-	-	-	-	-	-	7.2
Ethylbenzene	200-200	1	-	-	-	-	-	-	-	-	200
Isopropylbenzene	18-18	1	-	-	-	-	-	-	-	-	18
Naphthalene	82-82	1	-	-	-	-	-	-	-	-	82
n-Propylbenzene	39-39	1	-	-	-	-	-	-	-	-	39
o-Xylene	190-190	1	-	-	-	-	-	-	-	-	190
Toluene	85-85	1	-	-	-	-	-	-	-	-	85
Sample Results in ug/L											
2,4-Dinitrotoluene	34-34	1	-	-	-	-	-	-	-	-	34
Benzo(a)anthracene	0.04-0.04	1	-	-	-	-	-	-	0.04	-	-
Benzo(a)pyrene	0.02-0.02	1	-	-	-	-	-	-	0.02	-	-
Benzo(b)fluoranthene	0.02-0.02	1	-	-	-	-	-	-	0.02	-	-
Benzo(k)fluoranthene	0.03-0.03	1	-	-	-	-	-	-	0.03	-	-
Bis(2-ethylhexyl)phthalate	0-0	0	-	-	-	-	-	-	-	-	-
Chrysene	0.04-0.04	1	-	-	-	-	-	-	0.04	-	-
Indeno(1,2,3-cd)pyrene	0-0	0	-	-	-	-	-	-	-	-	-
Naphthalene	74-74	1	-	-	-	-	-	-	-	-	74
Sample Results in mg/L											
Aluminum (Total)	0.121-22.7	8	1.42	10.6	-	1.53	0.177	22.7	0.121	0.692	1.14
Calcium (Total)	0.059-0.059	1	-	-	-	-	-	0.059	-	-	-
Copper (Total)	0.96-48.1	6	3.35	14.8	-	4.39	-	48.1	-	0.96	4.16
Iron (Total)	0.102-0.102	1	-	-	-	-	-	0.102	-	-	-
Lead (Total)	37.1-58	4	37.6	-	-	-	-	58	47.8	-	37.1
Magnesium (Total)	0.448-2.85	7	2.81	2.58	-	1.81	0.448	1.34	0.843	-	2.85
Selenium (Total)	0.012-0.017	2	-	-	0.012	-	-	-	0.017	-	-
Sodium (Total)	26.8-163	8	94.9	38.3	62.2	163	142	26.8	48.4	-	114
Sample Results in mg/L											
Antimony (Dissolved)	0.0054-0.0054	1	-	-	-	-	-	0.0054	-	-	-
Selenium (Dissolved)	0.012-0.016	2	-	-	0.012	-	-	-	0.016	-	-
Magnesium (Dissolved)	36.1-46.9	4	36.1	-	-	-	-	41.2	46.9	-	37.4
Manganese (Dissolved)	0.329-2.94	7	2.7	2.33	-	1.79	0.448	0.329	0.83	-	2.94
Sodium (dissolved)	25.1-163	8	93	36.5	56.6	163	152	25.1	48.5	-	118

Notes:

Bold/highlighted - Indicated exceedance of the NYSDEC Groundwater Standard

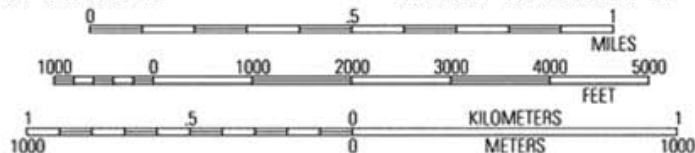
FIGURES



73°55.000' W

73°54.000' W

WGS84 73°53.000' W

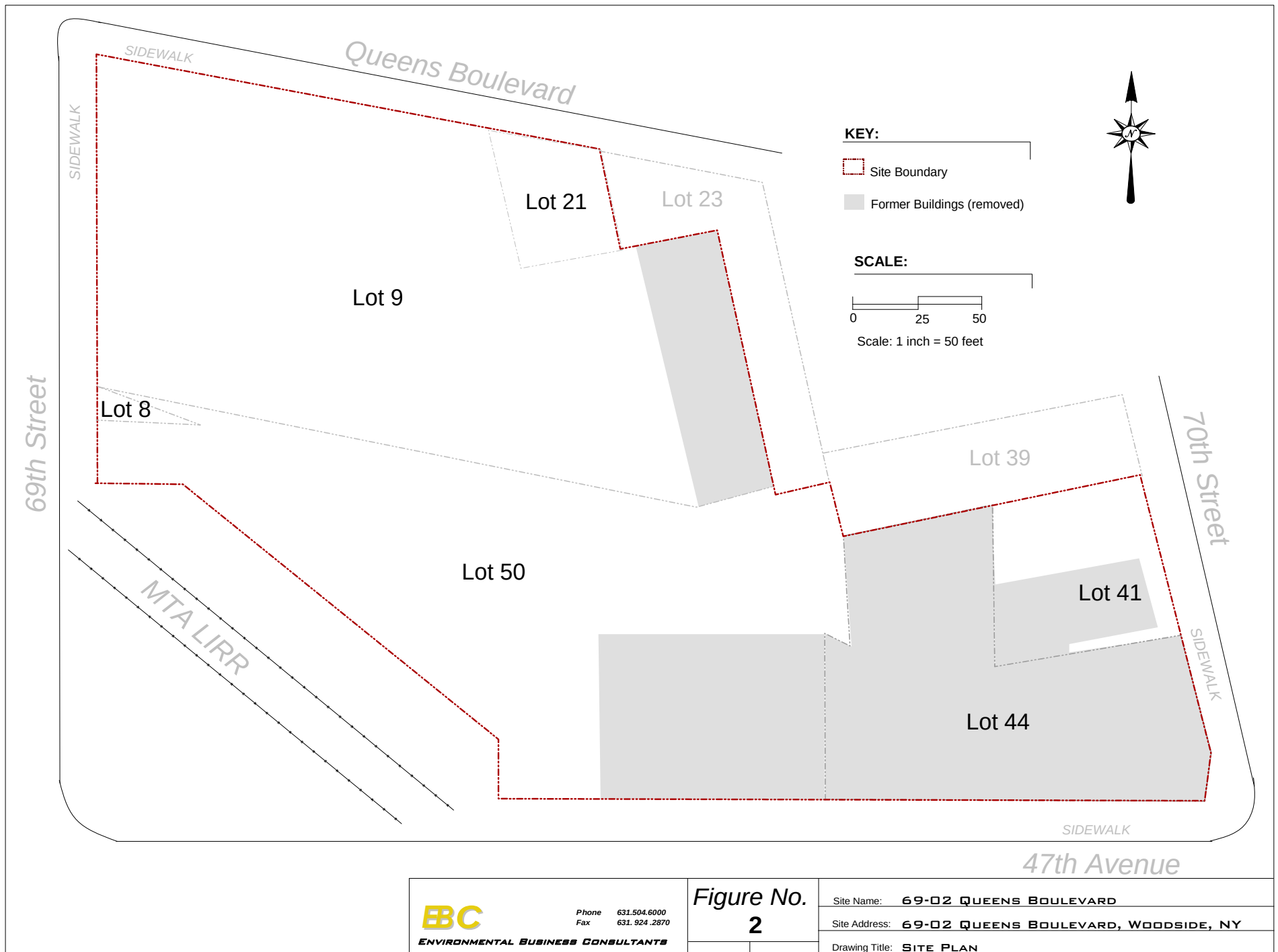


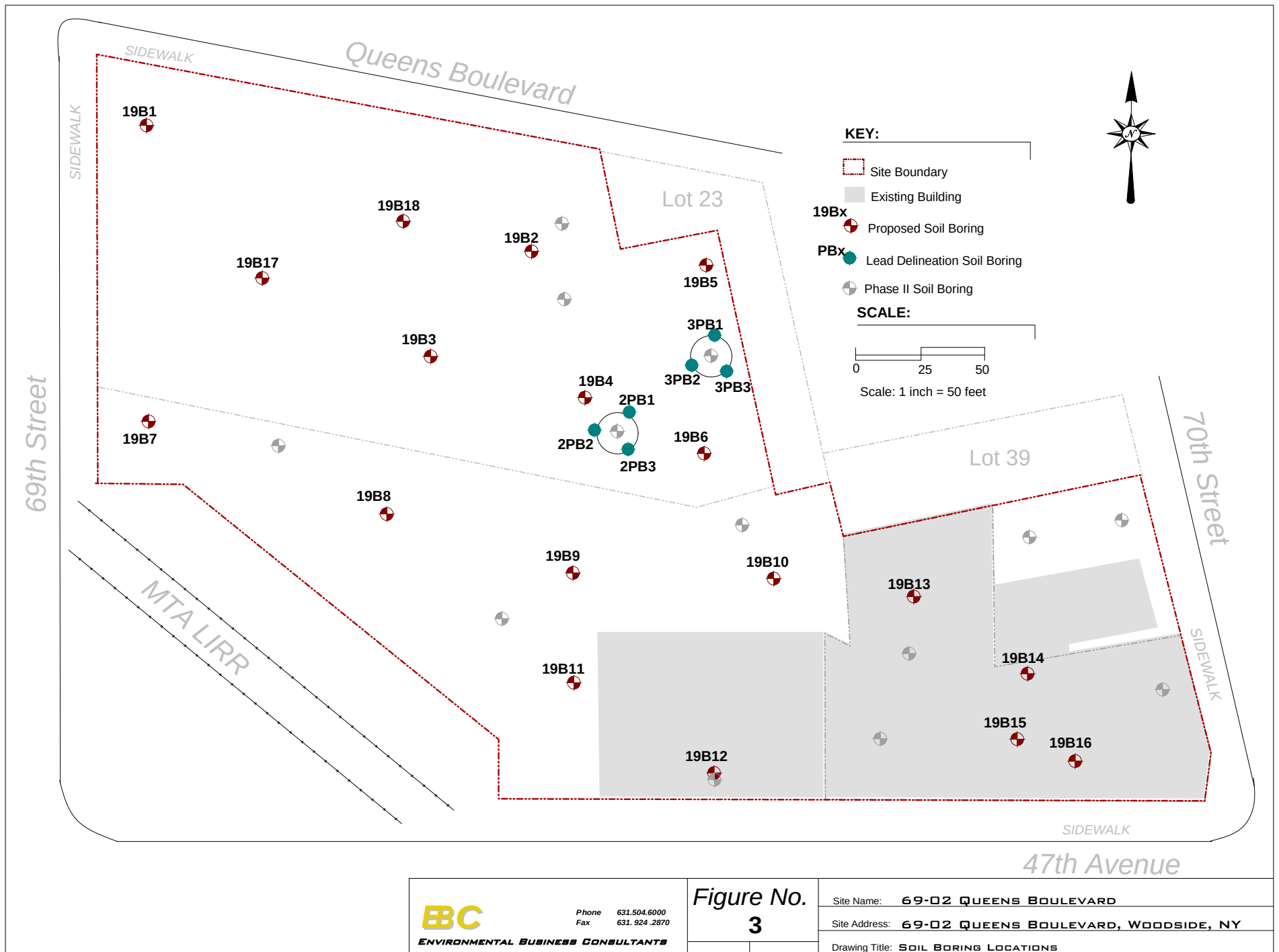
MN TN
13°
03/31/19

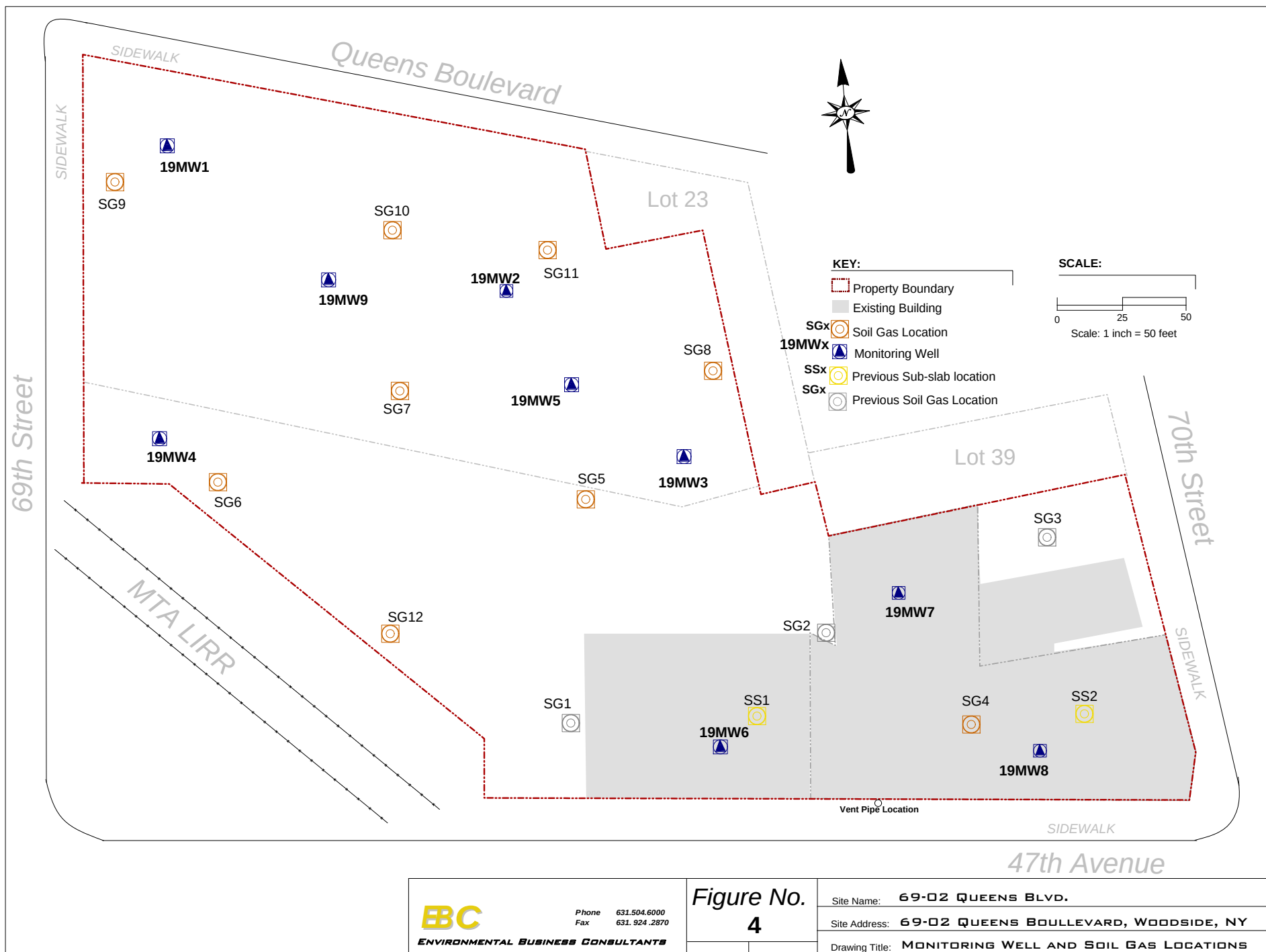
USGS Brooklyn, NY Quadrangle 1995. Contour Interval = 10 ft.

Figure No.
1

Site Name:	69-02 QUEENS BOULEVARD
Site Address:	69-02 QUEENS BOULEVARD, QUEENS, NY
Drawing Title:	SITE LOCATION MAP



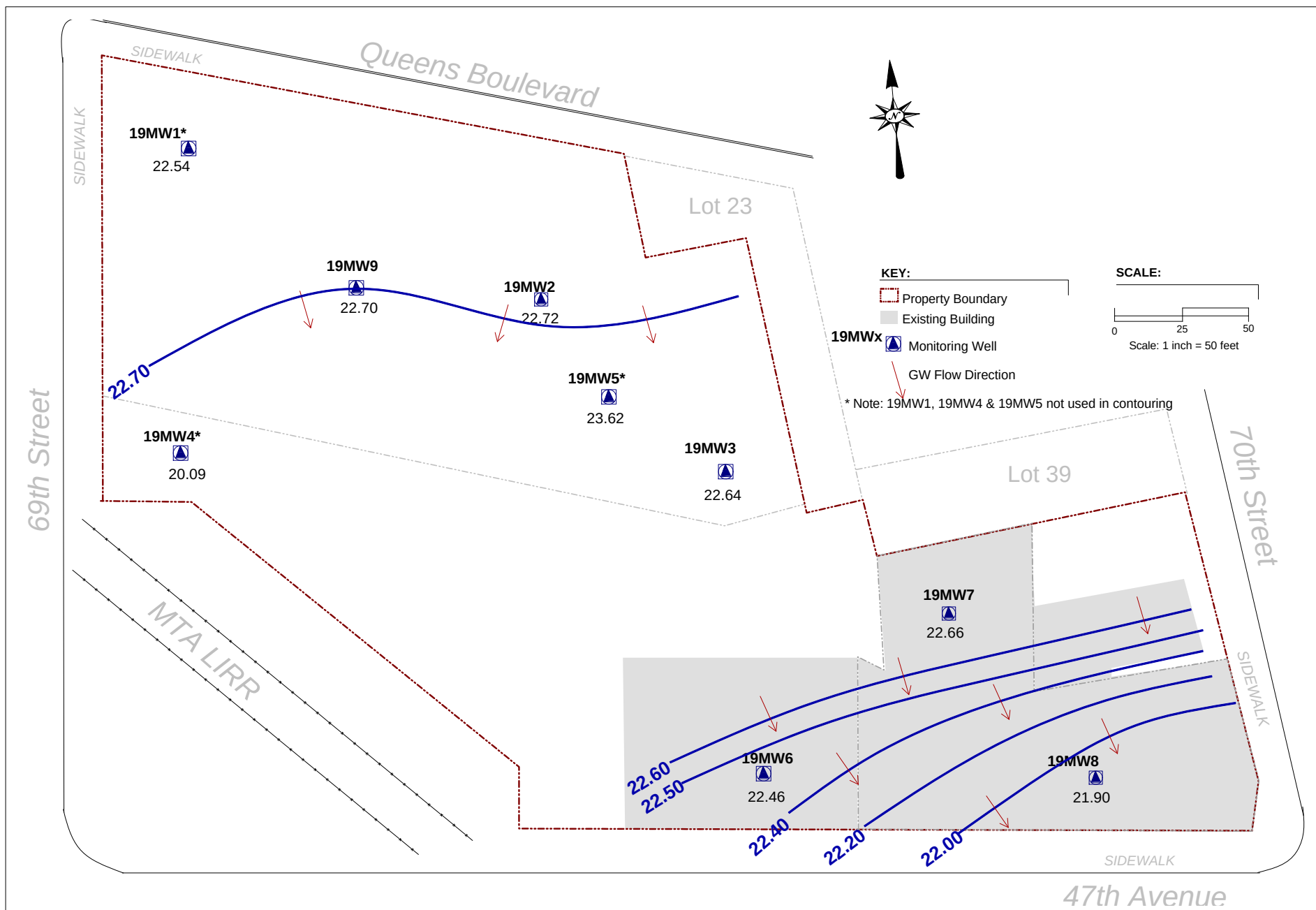




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Figure No.
4



EBC ENVIRONMENTAL BUSINESS CONSULTANTS Phone 631.504.6000 Fax 631.924.2870	Figure No. 5		Site Name: 69-02 QUEENS BLVD.
			Site Address: 69-02 QUEENS BOULEVARD, WOODSIDE, NY
			Drawing Title: GROUNDWATER CONTOUR MAP

19B1 (20-22') 11/7/2019	
1,2,4-Trimethylbenzene	7
Benzene	0.34
Ethylbenzene	6
m&p-Xylenes	5.1
O-Xylene	0.54

19B17 (0-2') 11/7/2019	
Indeno(1,2,3-cd)pyrene	0.53
Lead	597

19B3 (0-2') 11/7/2019	
4,4' - DDD	0.0064
Copper	57.7
Lead	145
Mercury	0.19
Zinc	439

19B7 (0-2') 11/6/2019	
Copper	111
Lead	161
Zinc	193

19B8 (0-2') 11/6/2019	
Copper	305
Lead	425
Zinc	446

19B9 (0-2') 11/6/2019	
Copper	50.2

19B11 (0-2') 11/6/2019	
Cadmium	2.59
Copper	122
Lead	307
Zinc	536

19B12 (0-2') 11/22/2019	
Benzo(a)anthracene	1.6
Benzo(a)anthracene	1.6
Benzo(b)fluoranthene	1.3
Benzo(k)fluoranthene	1.2
Chrysene	1.6
Indeno(1,2,3-cd)pyrene	1.0
Barium	399
Copper	72.8
Lead	1,150
Mercury	0.52
Zinc	368

19B18 (18-20') 11/6/2019	
1,2,4-Trimethylbenzene	110
1,3,5-Trimethylbenzene	35
Ethylbenzene	38
m&p-Xylenes	110
Naphthalene	16
n-Propylbenzene	22
O-Xylene	33
Toluene	7.9

19B2 (0-2') 11/6/2019	
4,4' - DDT	0.0081
Mercury	0.2

19B4 (0-2') 11/7/2019	
Copper	75.1
Lead	366
Zinc	217

19B5 (0-2') 11/7/2019	
Benzo(a)anthracene	3.1
Benzo(a)pyrene	2.7
Benzo(b)fluoranthene	2.8
Benzo(k)fluoranthene	2.3
Chrysene	3.5
Dibenz(a,h)anthracene	0.40
Indeno(1,2,3-cd)pyrene	2.2
Chlordane	0.21
Copper	181
Lead	210
Zinc	164

ALL RESULTS IN MG/KG USCO RESCO		
1,2,4-Trimethylbenzene	3.6	52
Benzene	0.06	4.8
Ethylbenzene	1	41
Total Xylenes	0.26	190
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenz(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Barium	350	400
Cadmium	2.5	4.2
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Zinc	109	10,000
4,4' - DDD	0.0033	11
4,4' - DDT	0.0033	7.9
Chlordane	0.094	41
PCB-1254	0.10	1.0



19B6 (0-2') 11/7/2019	
Copper	92.1
Lead	191
Mercury	0.35
Zinc	211

19B10 (18-20') 11/6/2019	
m&p-xylenes	0.45
Benzo(a)anthracene	5.8
Benzo(a)anthracene	5.8
Benzo(b)fluoranthene	6.5
Benzo(k)fluoranthene	3.2
Chrysene	5.6
Dibenz(a,h)anthracene	1.1
Indeno(1,2,3-cd)pyrene	3.4
PCB-1254	0.19
Copper	102
Lead	381
Mercury	0.78
Zinc	394

19B13 (0-2') 11/22/2019	
Lead	439
Mercury	0.35
Zinc	540

19B14 (0-2') 11/21/2019	
Indeno(1,2,3-cd)pyrene	0.58
Lead	245
Mercury	0.77
Zinc	119

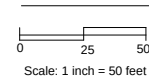
19B16 (0-2') 11/21/2019	
Benzo(a)anthracene	5.2
Benzo(a)anthracene	4.9
Benzo(b)fluoranthene	4.0
Benzo(k)fluoranthene	3.4
Chrysene	5.0
Dibenz(a,h)anthracene	0.78
Indeno(1,2,3-cd)pyrene	3.1
Lead	225
Mercury	0.58
Zinc	139

19B15 (0-2') 11/21/2019	
Benzo(a)anthracene	1.3
Benzo(a)anthracene	1.3
Benzo(b)fluoranthene	1.1
Benzo(k)fluoranthene	1.0
Chrysene	1.3
Indeno(1,2,3-cd)pyrene	0.87
Arsenic	16.3
Copper	80.3
Lead	146

- KEY:
- Site Boundary
 - Existing Building
 - 19Bx Proposed Soil Boring
 - PBx Lead Delineation Soil Boring
 - Phase II Soil Boring
 - Detections Above Unrestricted Use SCOs
 - Detections Above Restricted Residential Use SCOs

ALL RESULTS IN mg/kg

SCALE:



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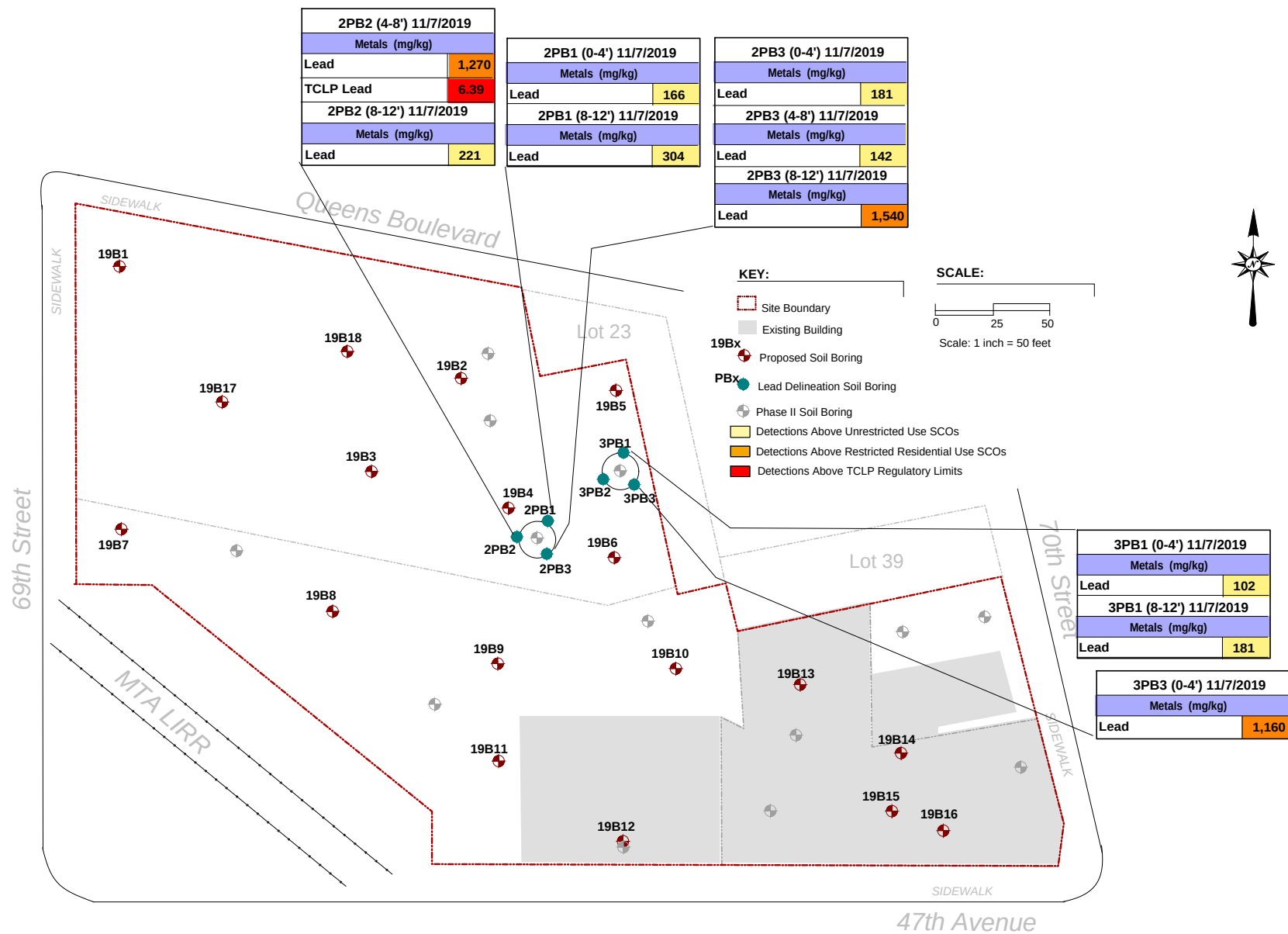
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Figure No.
6A

Site Name: **69-02 QUEENS BOULEVARD**

Site Address: **69-02 QUEENS BOULEVARD, WOODSIDE, NY**

Drawing Title: **SITEWIDE SOIL EXCEEDANCES (MG/KG)**



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Figure No.
6B

Site Name: **69-02 QUEENS BOULEVARD**

Site Address: **69-02 QUEENS BOULEVARD, WOODSIDE, NY**

Drawing Title: **LEAD DELINEATION EXCEEDANCES**

19MW1 (12/2/2019)	
Metals, Total (mg/L)	
Aluminium	1.42
Iron	3.35
Magnesium	37.6
Manganese	2.81
Sodium	94.9
Metals, Dissolved (mg/L)	
Magnesium	36.1
Manganese	2.7
Sodium	93

19MW9 (11/26/2019)	
VOCs (µg/L)	
1,2,4-Trimethylbenzene	500
1,3,5-Trimethylbenzene	120
Benzene	7.2
Ethylbenzene	200
Isopropylbenzene	18
Naphthalene	82
n-Propylbenzene	39
o-Xylene	190
Toluene	85
SVOCs (µg/L)	
2,4-Dimethylphenol	34
Naphthalene	74
Metals, Total (mg/L)	
Aluminium	1.14
Copper	4.16
Magnesium	37.1
Manganese	2.85
Sodium	114
Metals, Dissolved (mg/L)	
Magnesium	37.4
Manganese	2.94
Sodium	118

19MW4 (12/2/2019)	
Metals, Total (mg/L)	
Aluminium	1.53
Iron	4.39
Manganese	1.81
Sodium	163
Metals, Dissolved (mg/L)	
Manganese	1.79
Sodium	163

19MW2 (11/26/2019)	
Metals, Total (mg/L)	
Aluminium	10.6
Copper	14.8
Manganese	2.58
Sodium	38.3
Metals, Dissolved (mg/L)	
Manganese	2.33
Sodium	36.5

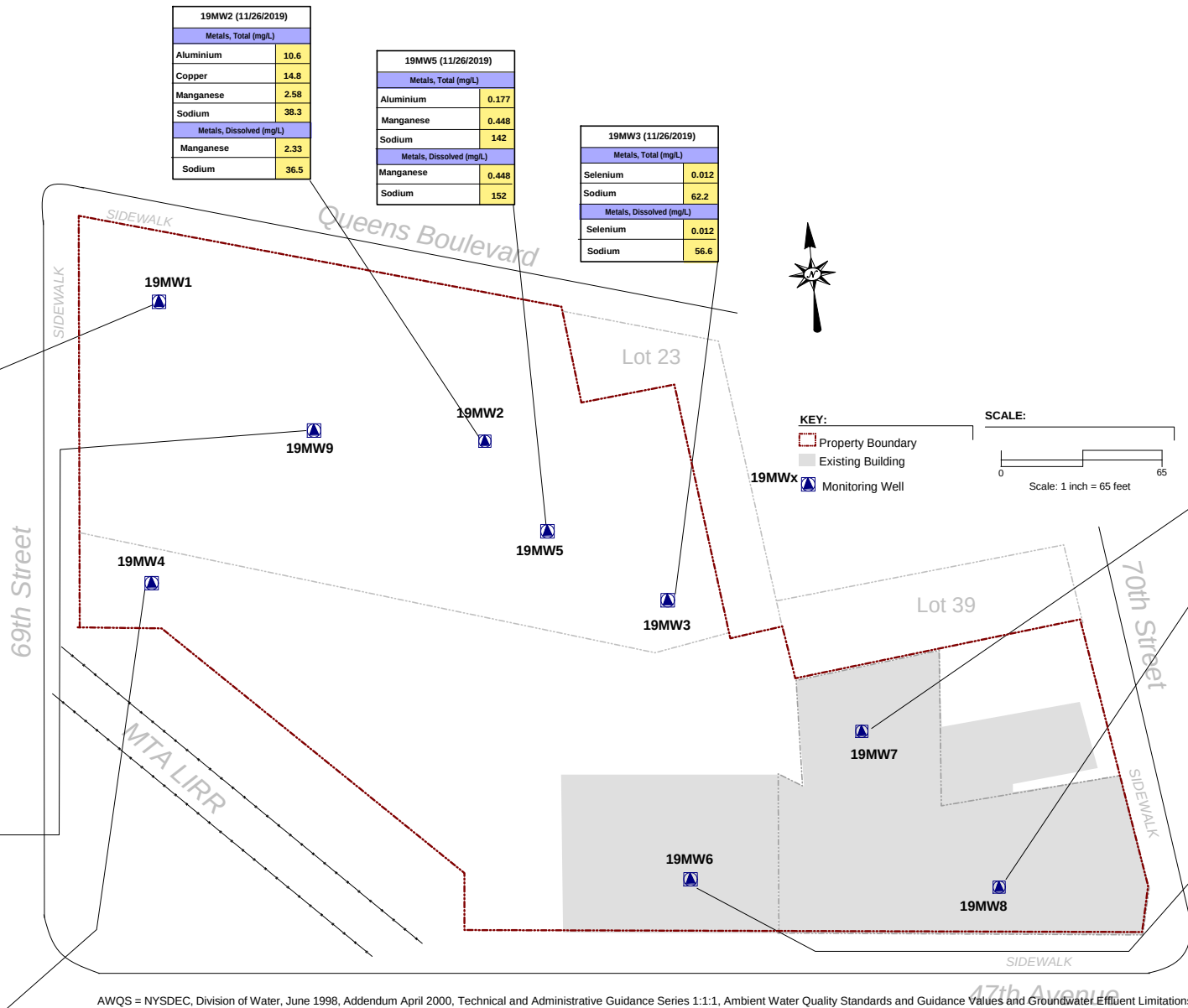
19MW5 (11/26/2019)	
Metals, Total (mg/L)	
Aluminium	0.177
Manganese	0.448
Sodium	142
Metals, Dissolved (mg/L)	
Manganese	0.448
Sodium	152

19MW3 (11/26/2019)	
Metals, Total (mg/L)	
Selenium	0.012
Sodium	62.2
Metals, Dissolved (mg/L)	
Selenium	0.012
Sodium	56.6

19MW7 (12/2/2019)	
SVOCs (µg/L)	
Benzo(a)anthracene	0.04
Benzo(a)pyrene	0.02
Benzo(b)fluoranthene	0.02
Benzo(k)fluoranthene	0.03
Chrysene	0.04
Metals, Total (mg/L)	
Aluminium	0.121
Magnesium	47.8
Manganese	0.843
Selenium	0.017
Sodium	48.4
Metals, Dissolved (mg/L)	
Selenium	0.016
Magnesium	46.9
Manganese	0.83
Sodium	48.5

19MW8 (12/2/2019)	
Metals, Total (mg/L)	
Aluminium	0.692
Iron	0.96

19MW6 (12/2/2019)	
Metals, Total (mg/L)	
Aluminium	22.7
Chromium	0.059
Iron	48.1
Lead	0.102
Magnesium	58
Manganese	1.34
Antimony	0.0044
Sodium	26.8
Metals, Dissolved (mg/L)	
Antimony	0.0054
Magnesium	41.2
Manganese	0.329
Sodium	25.1



AWQS = NYSDEC, Division of Water, June 1998, Addendum April 2000, Technical and Administrative Guidance Series 1:1:1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.



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Figure No.
7

Site Name: **69-02 QUEENS BLVD.**
Site Address: **69-02 QUEENS BOULEVARD, WOODSIDE, NY**
Drawing Title: **GROUNDWATER RESULTS ABOVE AWQS**

SG10 - 11/25/2019	
1,2,4-Trimethylbenzene	1.06
1,3-Butadiene	1.8
2-Hexanone	1.04
4-Isopropyltoluene	1.67
4-Methyl-2-pentanone	90.9
Acrylonitrile	1.48
Carbon Disulfide	0.26
Chloroform	1.97
cis-1,3-Dichloropropene	2.3
Dichlorodifluoromethane	25.4
Ethylbenzene	5.45
Hexachlorobutadiene	5.14
Hexane	3.56
Isopropylbenzene	3.2
Xylene (m&p)	5.51
n-Butylbenzene	1.02
Xylene (o)	3.13
Styrene	0.94
Tetrahydrofuran	3.46
trans-1,3-Dichloropropene	0.25
Trichloroethene	22.1
BTEX	9.16
Total VOCs	181.64

SG6 - 11/25/2019	
Acetone	451
Benzene	1.22
Carbon Disulfide	7.5
Carbon Tetrachloride	0.26
Ethanol	40.1
Hexane	1.09
Xylene (m&p)	3.48
Methyl Ethyl Ketone	11.7
MTBE	1.17
Tetrachloroethene	7.05
Toluene	3.8
BTEX	8.5
Total VOCs	528.37

SG12 - 11/25/2019	
1,3-Dichlorobenzene	1.71
MBK	2.33
Acetone	449
Benzene	1.48
Carbon Disulfide	11.8
Carbon Tetrachloride	0.29
Chloromethane	6.6
cis-1,2-Dichloroethene	19.8
Ethanol	70.8
Heptane	1.76
Isopropylalcohol	24
Xylene (m&p)	2.63
Methyl Ethyl Ketone	19.2
Tetrachloroethene	37.1
Toluene	4.82
Trichloroethene	27.6
BTEX	8.93
Total VOCs	680.92

SG9 - 11/25/2019	
1,2,4-Trimethylbenzene	1.11
1,3-Dichlorobenzene	2.36
4-Methyl-2-pentanone	1.5
Acetone	249
Benzene	2.45
Chloroform	1.09
Ethanol	61.6
Ethylbenzene	1.04
Heptane	3.06
Isopropylalcohol	10.6
Xylene (m&p)	3.69
Methyl Ethyl Ketone	49.8
Xylene (o)	1.35
Propylene	6.52
Tetrachloroethene	1
Toluene	6.29
Trichlorofluoromethane	5.24
BTEX	14.82
Total VOCs	407.7

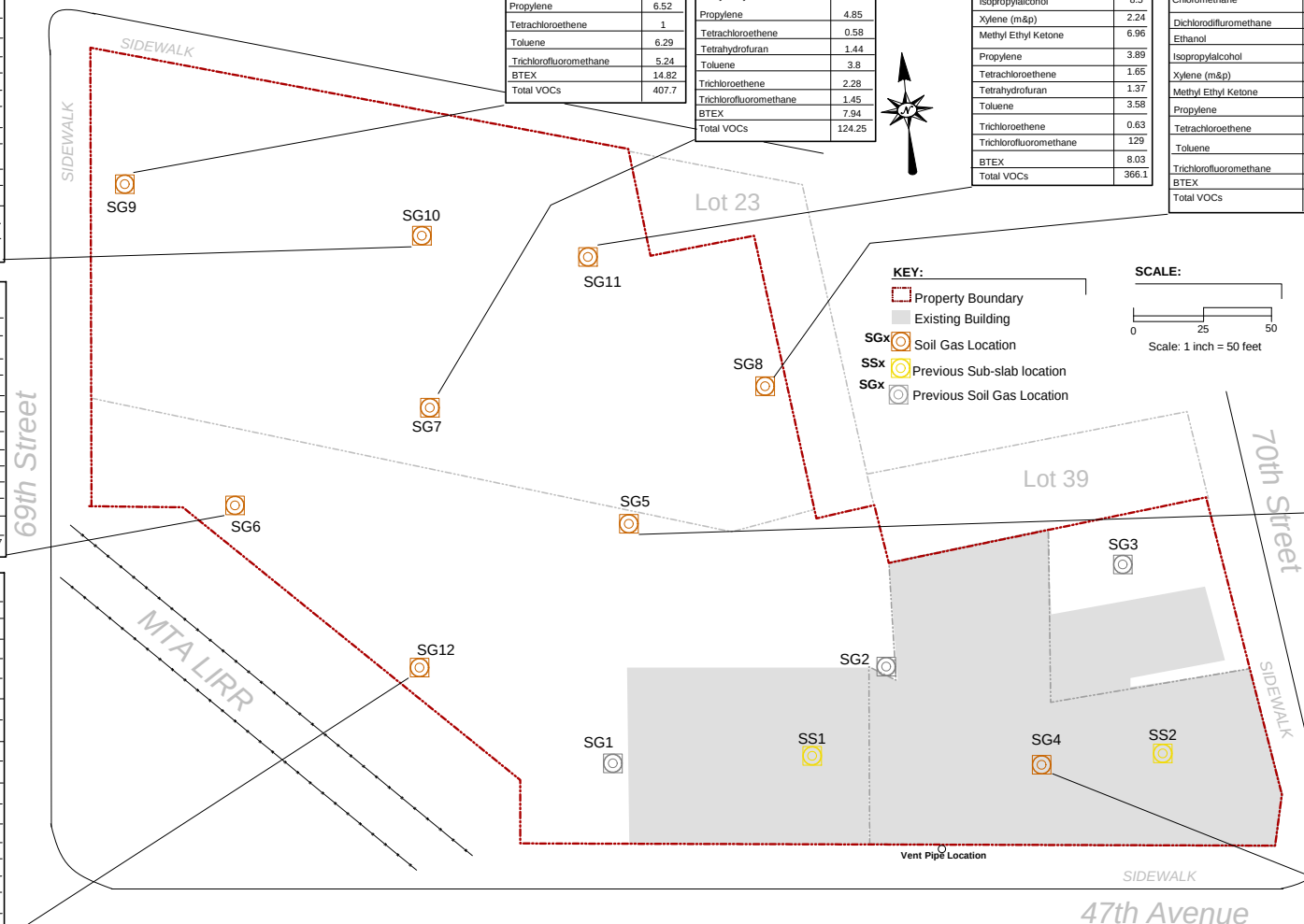
SG7 - 11/25/2019	
1,3-Dichlorobenzene	1.86
4-Methyl-2-pentanone	1.94
Acetone	52.7
Benzene	1.65
Carbon Tetrachloride	0.51
Chloromethane	2.11
Dichlorodifluoromethane	1.77
Ethanol	30.7
Heptane	1.09
Isopropylalcohol	3.83
Xylene (m&p)	2.49
Methyl Ethyl Ketone	9.2
Propylene	4.85
Tetrachloroethene	0.58
Tetrahydrofuran	1.44
Toluene	3.8
Trichloroethene	2.28
Trichlorofluoromethane	1.45
BTEX	7.94
Total VOCs	124.25

SG11 - 11/25/2019	
1,3-Dichlorobenzene	1.53
4-Methyl-2-pentanone	2.02
Acetone	163
Benzene	2.21
Carbon Tetrachloride	0.28
Chloromethane	3.24
Ethanol	36
Isopropylalcohol	8.5
Xylene (m&p)	2.24
Methyl Ethyl Ketone	6.96
Propylene	3.89
Tetrachloroethene	1.65
Tetrahydrofuran	1.37
Toluene	3.58
Trichloroethene	0.63
Trichlorofluoromethane	129
BTEX	8.03
Total VOCs	366.1

SG8 - 11/25/2019	
1,3-Dichlorobenzene	1.56
4-Methyl-2-pentanone	1.89
Acetone	43.9
Benzene	1.45
Carbon Tetrachloride	0.32
Chloromethane	1.36
Dichlorodifluoromethane	1.15
Ethanol	44.6
Isopropylalcohol	3.51
Xylene (m&p)	2.16
Methyl Ethyl Ketone	4.98
Propylene	2.36
Tetrachloroethene	0.92
Toluene	3.54
Trichlorofluoromethane	1.66
BTEX	7.15
Total VOCs	115.37

SG5 - 11/25/2019	
Acetone	229
Carbon Tetrachloride	0.45
Chloromethane	2.17
Dichlorodifluoromethane	1.39
Ethanol	27.7
Ethylbenzene	1.52
Heptane	1.01
Isopropylalcohol	8.08
Xylene (m&p)	5.34
Methyl Ethyl Ketone	10.2
Xylene (o)	1.6
Tetrachloroethene	5.99
Toluene	3.34
Trichlorofluoromethane	7.64
BTEX	11.8
Total VOCs	305.43

SG4 - 11/25/2019	
1,1,1-Trichloroethene	1.36
4-Methyl-2-pentanone	1.44
Acetone	13.6
Benzene	1.92
Carbon Disulfide	10.3
Carbon Tetrachloride	0.26
Chloromethane	6.6
Dichlorodifluoromethane	1.04
Ethanol	24.9
Heptane	25.1
Hexane	65.2
Isopropylalcohol	1.6
Xylene (m&p)	1.66
Methyl Ethyl Ketone	2.12
Tetrachloroethene	4.34
Tetrahydrofuran	10.3
Toluene	4.71
Trichloroethene	0.24
BTEX	8.29
Total VOCs	176.69



APPENDIX – A
Soil Boring Logs

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

19B1 Boring Log

Location: 25' South from Queens Blvd Boundary, 20' East from 69th street boundary		Depth to Water (ft. from grade.)		Site Elevation Datum		
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW	Ground Elevation
				Groundwater Depth		
Drilling Company: C ²		Method: Geoprobe 6712DT		Date	DTW	Well Specifications
Date Started: 11/6/2019		Date Completed: 11/6/2019				None
Completion Depth: 40'		Geologist: Douglas Benyei				

19B1 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	25"		0.00	4" Mix dry brown sand and fill with pebbles 21" Moist brown sand
	5				<i>*Retained soil sample 19B1 (0-2')</i>
	to	23"		0.00	14" moist brown sand 3" Moist brown sand with gravel 6" Brown and black dry sand with pebbles
	10				
	to	21"		0.00	13" Mix brown sand dry with gravel 1" Red sand dry with pebbles 3" Gray dry coarse sand with pebbles 4" Dry coarse sand with pebbles
	15				
	to	22"		250	15" Mix brown fill with pebbles 7" Fine saturated dark gray sand stained with
	20				
	to	30"		760.0	10" Dark gray moist stained with strong odor 20" Gray moist stained with strong odor
	25				<i>*Retained soil sample 19B1 (20-22')</i>
	to	25"		6.2	25" Stained ark gray sand with light odor
	30				
	to	25"		4.5	14" Saturated Stained gray sand with slight odor 11" Dark brown silty sand with light odor
	35				
	to	23"		1.0 0.0	4" Moist stained gray sand with light odor 19" Saturated brown sand
	40				<i>*Retained soil sample 19B1 (36')</i>

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 45' South from Queens blvd. boundary, 35' West from Lot 23 boundary		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW
				Groundwater Depth	
Drilling Company: C ²		Method: Geoprobe 6712DT		Date	DTW
Date Started: 11/6/2019		Date Completed: 11/6/2019		Well Specifications	
Completion Depth: 20'		Geologist: Douglas Benyei		None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 93' North from 47th Avenue, 130' East from 69th Street			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW	Ground Elevation
Drilling Company: C ²		Method: Geoprobe 6712DT		Groundwater Depth		
Date Started: 11/7/2019		Date Completed: 11/7/2019		Date	DTW	Well Specifications
Completion Depth: 20'		Geologist: Douglas Benyei				None

[illegible]

19B4 Boring Log

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 237' E from 69th street boundary, 12' W from lot 23 boundary		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW
				Groundwater Depth	
Drilling Company: C ²		Method: Geoprobe 6712DT		Date	DTW
Date Started: 11/7/2019		Date Completed: 11/7/2019		Well Specifications	
Completion Depth: 20'		Geologist: Douglas Benyei		None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 235' E from 69th Street, 135' N from 47th Ave. Boundary		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW
				Groundwater Depth	
Drilling Company: C ²		Method: Geoprobe 6712DT		Well Specifications	
Date Started: 11/7/2019		Date Completed: 11/7/2019		Date	DTW
Completion Depth: 20'		Geologist: Douglas Benyei			
None					

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 25' W boundary, 20' South boundary		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701	Address: 69-02 Queens Blvd	Date	DTW	Ground Elevation	
Drilling Company: C ²	Method: Geoprobe 6712DT	Groundwater Depth		Well Specifications None	
Date Started: 11/6/2019	Date Completed: 11/6/2019	Date	DTW		
Completion Depth: 20'	Geologist: Douglas Benyei				

19B7 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	28"		0.00	3" Mix dark brown sand and asphalt 3" Brown sand with gravel 2" White sand with gravel 3" Dark brown sand 17" Black/brown fill (moist) <i>*Retained soil sample 19B7 (0-2')</i>
	5				
	to	28"		0.00	9" Black moist medium sand 2" Coarse brown sand 9" Brown moist silty sand 8" Dark moist silty clay
	10				
	to	33"		0.00	2" Black moist organic material 31" Brown moist clay
	15				
	to	32"		0.00	8" Moist brown coarse sand 24" Saturated sand with rocks <i>*Retained soil sample 19B7 (18-20')</i>
	20				

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 112' from 69th street, 50' from southern boundary		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW
				Groundwater Depth	
Drilling Company: C ²		Method: Geoprobe 6712DT		Date	DTW
Date Started: 11/6/2019		Date Completed: 11/6/2019		Well Specifications	
Completion Depth: 20'		Geologist: Douglas Benyei		None	

19B8 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	31"		0.00	5" Black moist fill (silty) 17" White dry concrete 9" Moist black sand
	5				<i>*Retained soil sample 19B8 (0-2')</i>
	to	16"		0.00	5" Red moist sand with gravel 11" Dark brown wet sand
	10				
	to	27"		0.00	3" Mix brown sand with silt 7" Brown moist silty sand with gravel 4" Brown moist sand 13" Moist brown sand with rocks
	15				
	to	36"		0.00	17" Mix moist brown sand with gravel 19" Dark brown moist coarse sand
	20				<i>*Retained soil sample 19B8 (18-20')</i>

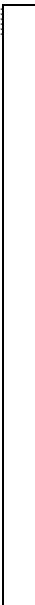
EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 87' from S boundary, 10' W from building footprint		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW
				Groundwater Depth	
Drilling Company: C ²		Method: Geoprobe 6712DT		Date	DTW
Date Started: 11/6/2019		Date Completed: 11/6/2019		Well Specifications	
Completion Depth: 20'		Geologist: Douglas Benyei		None	

19B9 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	20"		0.00	7" Dry dark brown sand 4" Brown dry sand with gravel 9" Moist brown sand with rocks
	5				<i>*Retained soil sample 19B9 (0-2')</i>
	to	29"		0.00	8" Moist black sand 10" Moist brown silty sand 11" Mix moist brown and black sand
	10				
	to	28"		0.00	19" Moist brown sand with rocks 9" Damp brown sand
	15				
	to	23"		0.00	5" Brown silty sand 18" Gray moist fine silty sand
	20				<i>*Retained soil sample 19B9 (18-20')</i>

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 20' N from building lot 50, 30' West from lot 44		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd		Date	DTW
				Groundwater Depth	
Drilling Company: C ²		Method: Geoprobe 6712DT		Date	DTW
Date Started: 11/6/2019		Date Completed: 11/6/2019		Well Specifications	
Completion Depth: 20'		Geologist: Douglas Benyei		None	

19B10 Boring Log		SAMPLES			SOIL DESCRIPTION
(NTS)	DEPTH (ft below grade)	Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	19"		0.00	19" Moist brown sand with rocks
	5				<i>*Retained soil sample 19B10 (0-2')</i>
	to	20"		0.00	8" Dry brown sand with gravel 3" Mix of dry brown and pink sand 9" Moist brown sand
	10				
	to	26"		0.00	8" Moist brown sand with rocks 7" Moist dark brown sand 11" moist brown sand with rocks
	15				
	to	15"		0.00	15" Dry black sand with gravel
	20				<i>*Retained soil sample 19B10 (18-20')</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

19B11 Boring Log

Location: 10' W building footprint, 45' N southern boundary		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: MRC - Madison Realty Capital 1701	Address: 69-02 Queens Blvd	Date	DTW	Ground Elevation
		Groundwater Depth		
		Date	DTW	Well Specifications
				None
Drilling Company: C ²	Method: Geoprobe 6712DT			
Date Started: 11/6/2019	Date Completed: 11/6/2019			
Completion Depth: 20'	Geologist: Douglas Benyei			

19B11 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	14"		0.00	2" Dark dry asphalt mix with sand 8" Moist black sand with rocks 4" Saturated dark brown sand
	5				<i>*Retained soil sample 19B11 (0-2')</i>
	to	17"		0.00	3" Brown dry sand 6" Black moist silty sand 8" Moist gray silty sand
	10				
	to	37"		0.00	14" Gray moist silt 4" Brown damp sand 19" Saturated brown sand
	15				
	to	34"		0.00	9" damp brown sand with gravel 10" Saturated brown sand 15" Dark brown silty sand
	20				<i>*Retained soil sample 19B11 (18-20')</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

19B12 Boring Log

Location: 43' East from building footprint, 10.5' North from building footprint		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701	Address: 69-02 Queens Blvd.	Date	DTW	Ground Elevation	
		Groundwater Depth			
		Date	DTW	Well Specifications	
				None	
Drilling Company: Eastern	Method: Geoprobe 7812DT				
Date Started: 11/21/2019	Date Completed: 11/21/2019				
Completion Depth: 20'	Geologist: Douglas Benyei				

19B12 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	35"		0.00	10" Moist mix black and brown sand with gravel 4" Coarse mix brown and black moist sand 10" Dark brown moist sand with pebbles 1" Dark brown moist sand with glass fragments 10" Moist dark brown sand <i>*Retained soil sample 19B12 (0-2')</i>
	5				
	to	36"		0.00	12" Moist brown sand with pebbles 10" Moist brown sand with gravel 10" Moist brown sand with gravel 4" Moist brown sand with muscovite pieces
	10				
	to	38"		0.00	8" Saturated brown sand with pebbles 25" moist brown sand with pebbles 5" Saturated brown sand with pebbles
	15				
	to	36"		0.00	10" Coarse moist brown sand with pebbles 11" Saturated brown sand with pebbles 15" moist brown sand with pebbles <i>*Retained soil sample 19B12 (18-20')</i>
	20				

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 77' north from 47th Avenue, 25' east from building footprint		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701		Address: 69-02 Queens Blvd.		Date	DTW
				Groundwater Depth	
Drilling Company: Eastern		Method: Geoprobe 7812DT		Date	DTW
Date Started: 11/21/2019		Date Completed: 11/21/2019			
Completion Depth: 25'		Geologist: Douglas Benyei			
Well Specifications					
None					

19B13 Boring Log		SAMPLES			SOIL DESCRIPTION
(NTS)	DEPTH (ft below grade)	Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	13"		0.00	2" Dark brown dry organic sand mix with gravel 11" Dark brown coarse moist sand
	5				<i>*Retained soil sample 19B13 (0-2')</i>
	to	14"		0.00	3" Dry brown sand mix with gravel 11" Moist brown sand with gravel
	10				
	to	18"		0.00	10" Moist brown sand with rocks 8" Saturated brown sand with gravel
	15				
	to	21"		0.00	21" Saturated brown sand with rocks
	20				<i>*Retained soil sample 19B13 (18-20')</i>
	to	35"		0.00	35" Saturated brown sand with rocks
	25				

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

19B14 Boring Log

Location: 49' North from 47th Avenue boundary, 77' West from building footprint		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701	Address: 69-02 Queens Blvd.	Date	DTW	Ground Elevation	
		Groundwater Depth			
		Date	DTW	Well Specifications	
				None	
Drilling Company: Eastern	Method: Geoprobe 7812DT				
Date Started: 11/21/2019	Date Completed: 11/21/2019				
Completion Depth: 20'	Geologist: Douglas Benyei				

19B14 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	32"		0.00	15" Dry mix brown/black sand with gravel 17" Moist brown sand with pebbles
	5				<i>*Retained soil sample 19B14 (0-2')</i>
	to	39"		0.00	10" Moist dark brown sand 29" Moist dark brown sand with pebbles
	10				
	to	17"		0.00	2" Moist clay with brown sand 15" Moist brown sand with pebbles
	15				
	to	6"		0.00	6" Saturated brown sand
	20				<i>*Retained soil sample 19B14 (18-20')</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

19B15 Boring Log

Location: 24' North from 47th Avenue, 74.5' West from building footprint		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: MRC - Madison Realty Capital 1701	Address: 69-02 Queens Blvd.	Date	DTW	Ground Elevation
		Groundwater Depth		
		Date	DTW	Well Specifications
				None
Drilling Company: Eastern	Method: Geoprobe 7812DT			
Date Started: 11/21/2019	Date Completed: 11/21/2019			
Completion Depth: 20'	Geologist: Douglas Benyei			

19B15 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	20"		0.00	7" Brown dry sand with gravel 9" Dry mix of black and brown sand 4" Moist brown sand
	5				<i>*Retained soil sample 19B15 (0-2')</i>
	to	36"		0.00	10" Black sand with rocks 15" Moist gray sand 11" Wet sand with gravel
	10				
	to	16"		0.00	3" Moist brown sand with gravel 3" Mix of brown sand with brick 10" Moist brown sand with gravel
	15				
	to	35"		0.00	35" Brown saturated sand with pebbles
	20				<i>*Retained soil sample 19B15 (18-20')</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

19B16 Boring Log

Location: 97' east from lot 50, 14' north from 47th Avenue		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701	Address: 69-02 Queens Blvd.	Date	DTW	Ground Elevation	
		Groundwater Depth		Well Specifications None	
		Date	DTW		
Drilling Company: Eastern	Method: Geoprobe 7812DT				
Date Started: 11/21/2019	Date Completed: 11/21/2019				
Completion Depth: 20'	Geologist: Douglas Benyei				

19B16 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	28"		0.00	4" Dry to moist dark brown sand 7" Moist mix dark brown sand with brick 3" White dry sand with gravel 14" Moist mix brown sand with rocks <i>*Retained soil sample 19B16 (0-2')</i>
	5				
	to	38"		0.00	2" Moist brown sand with rocks 20" Moist dark brown sand with rocks 3" Brown moist sand with rocks 4" Moist brown sand with gravel 4" Dry to moist brown sand 5" Dry brown sand
	10				
	to	18"		0.00	10" Dry brown sand with gravel 8" Moist brown sand with pebbles
	15				
	to	11"		0.00	1" Moist brown sand 10" Saturated brown sand <i>*Retained soil sample 19B16 (18-20')</i>
	20				

19B17 Boring Log

[illegible]

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

19B18 Boring Log

Location: 50' from N boundary, 115' from W boundary		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: MRC - Madison Realty Capital 1701	Address: 69-02 Queens Blvd	Date	DTW	Ground Elevation	
		Groundwater Depth			
		Date	DTW		
		Drilling Company: C ²		Method: Geoprobe 6712DT	
Date Started: 11/6/2019		Date Completed: 11/6/2019		None	
Completion Depth: 30'		Geologist: Douglas Benyei			

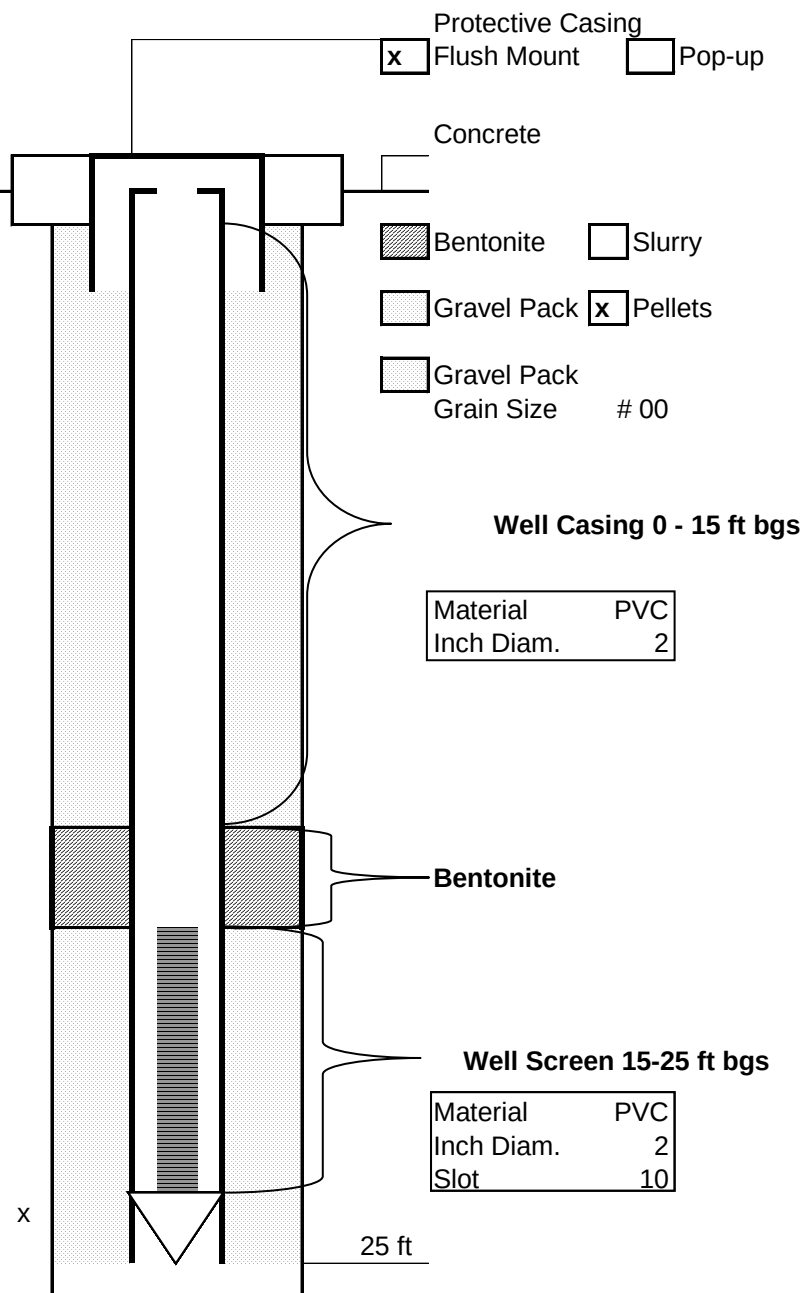
19B18 Boring Log (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				4" Dry fill
	to	41"		0.00	6" Moist brown sand with rocks
	5				31" Mix moist brown and black sand with rocks
	to	36"		0.00	*Retained soil sample 19B18 (0-2')
	10				6" Moist brown sand with rocks
	to	26"		0.00	30" Moist brown fine sand
	15				6" Moist brown fine sand
	to	25"		0.20	2" Mix moist brown/Black sand
	20				13" Moist dark brown sand with rocks
	to	29"		0.00	5" Stained gray sand with odor
	25				13" Stained gray damp sand
	to	20"		0.00	12" Damp stained black sand with strong odor
	30				*Retained soil sample 19B18 (18-20')
					29" light gray fine sand with light odor
					3" Light gray fine sand
					9" Light moist brown fine sand
					8" Saturated Corse brown sand with rocks
					*Retained soil sample 19B18 (28')

APPENDIX - B
Monitoring Well Completion Reports

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

19MW1



Monitoring Well No.: 19MW1

Project: 69-02 Queens Blvd. Queens

Depth to Groundwater: 17.66 Date: 12/2/2019

Installation Depth: 25'

Survey Point Elevation:

Installation Date: 11/19/2019

Drilling Contractor: Eastern Environmental solutions

Installation Method: Geoprobe 7812DT

Water Removed During Development:

Hydrogeologist: Tony Balado

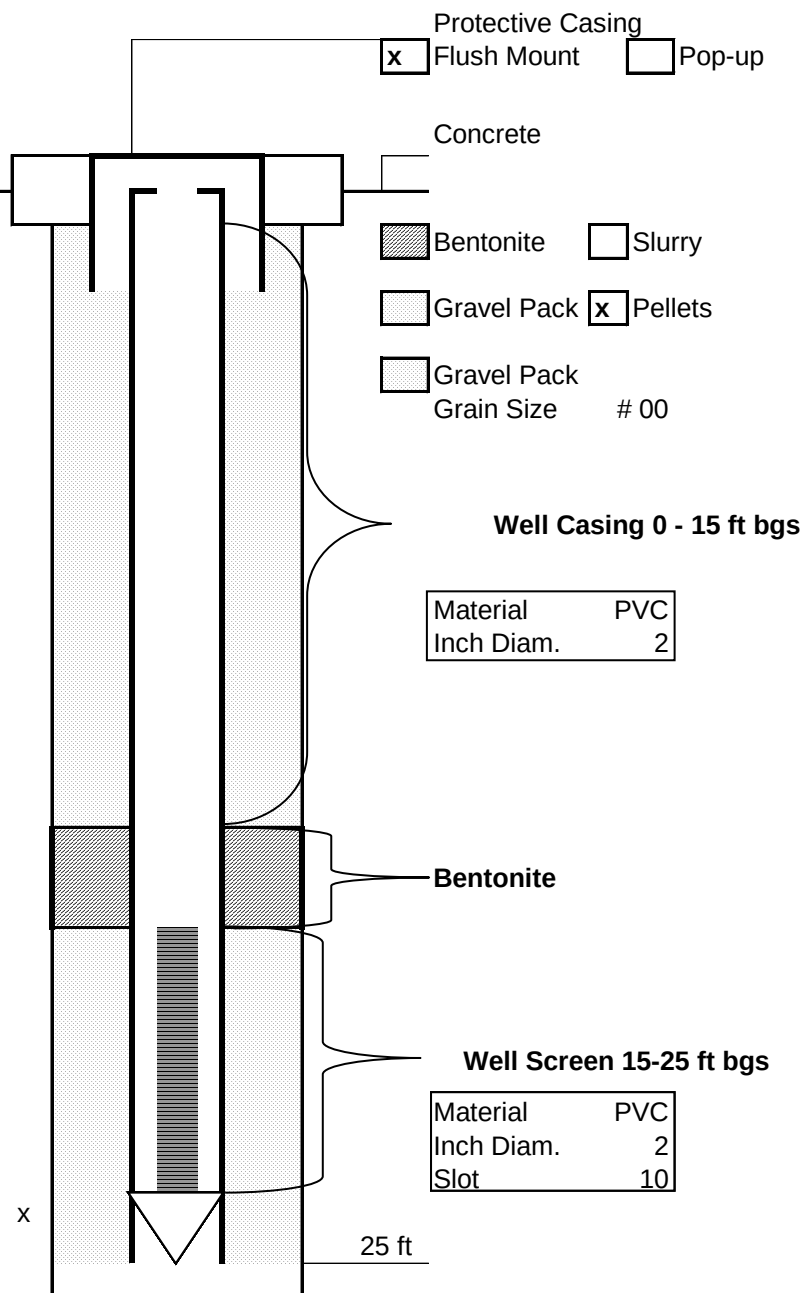
Company Name: EBC

Note: Drawing is not to scale.
 Depths are given in feet below land surface.

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

19MW2



Monitoring Well No.: 19MW2

Project: 69-02 Queens Blvd. Queens

Depth to Groundwater: 18.94 Date: 11/26/2019

Installation Depth: 25'

Survey Point Elevation:

Installation Date: 11/19/2019

Drilling Contractor: Eastern Environmental solutions

Installation Method: Geoprobe 7812DT

Water Removed During Development:

Hydrogeologist: Tony Balado

Company Name: EBC

Note: Drawing is not to scale.
 Depths are given in feet below land surface.

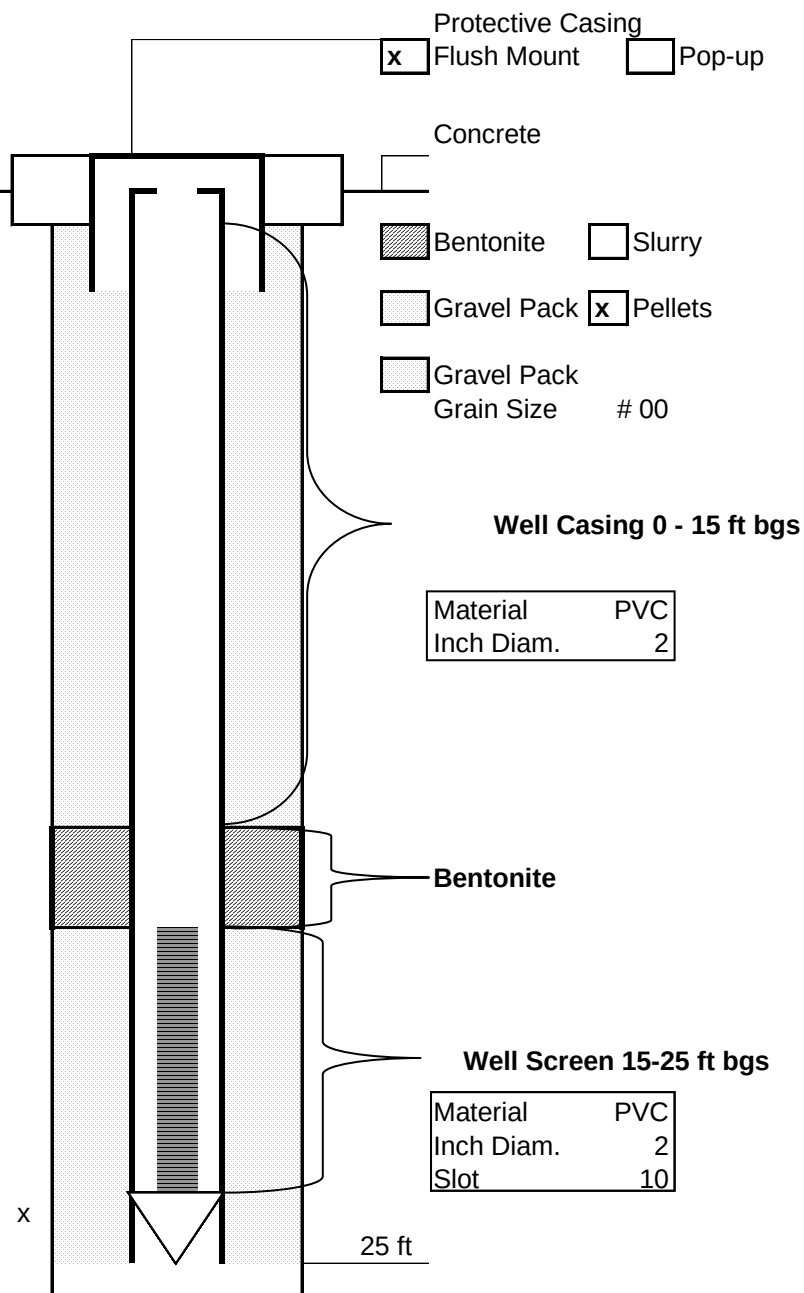
Note: Drawing is not to scale.
Depths are given in feet below land surface.

Note: Drawing is not to scale.
Depths are given in feet below land surface.

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

19MW5



Monitoring Well No.: 19MW5

Project: 69-02 Queens Blvd. Queens

Depth to Groundwater: 17.96 Date: 11/26/2019

Installation Depth: 25'

Survey Point Elevation:

Installation Date: 11/19/2019

Drilling Contractor: Eastern Environmental solutions

Installation Method: Geoprobe 7812DT

Water Removed During Development:

Hydrogeologist: Tony Balado

Company Name: EBC

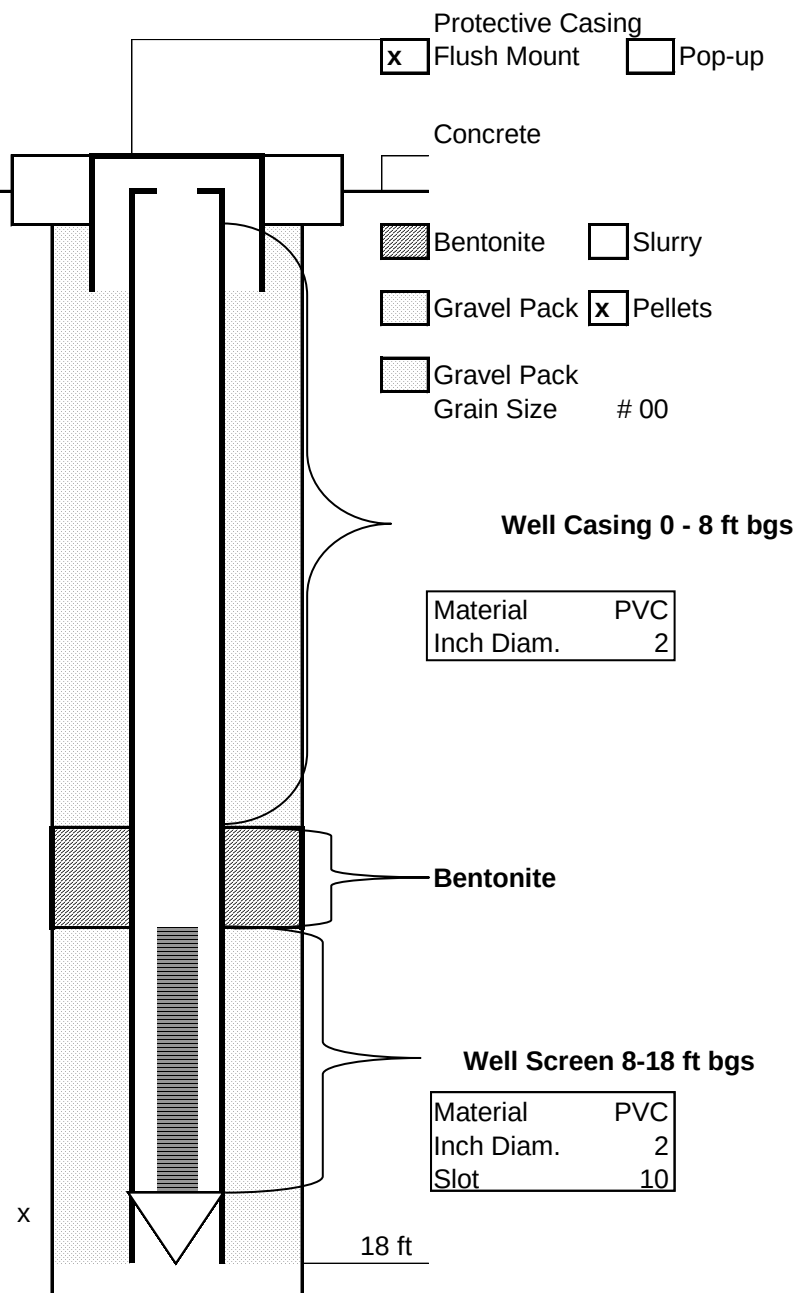
Note: Drawing is not to scale.
 Depths are given in feet below land surface.

Note: Drawing is not to scale.
Depths are given in feet below land surface.

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

19MW7



Monitoring Well No.: 19MW7

Project: 69-02 Queens Blvd. Queens

Depth to Groundwater: 16.41 Date: 12/2/2019

Installation Depth: 18'

Survey Point Elevation:

Installation Date: 11/21/2019

Drilling Contractor: Eastern Environmental solutions

Installation Method: Geoprobe 6710DT

Water Removed During Development:

Hydrogeologist: Tony Balado

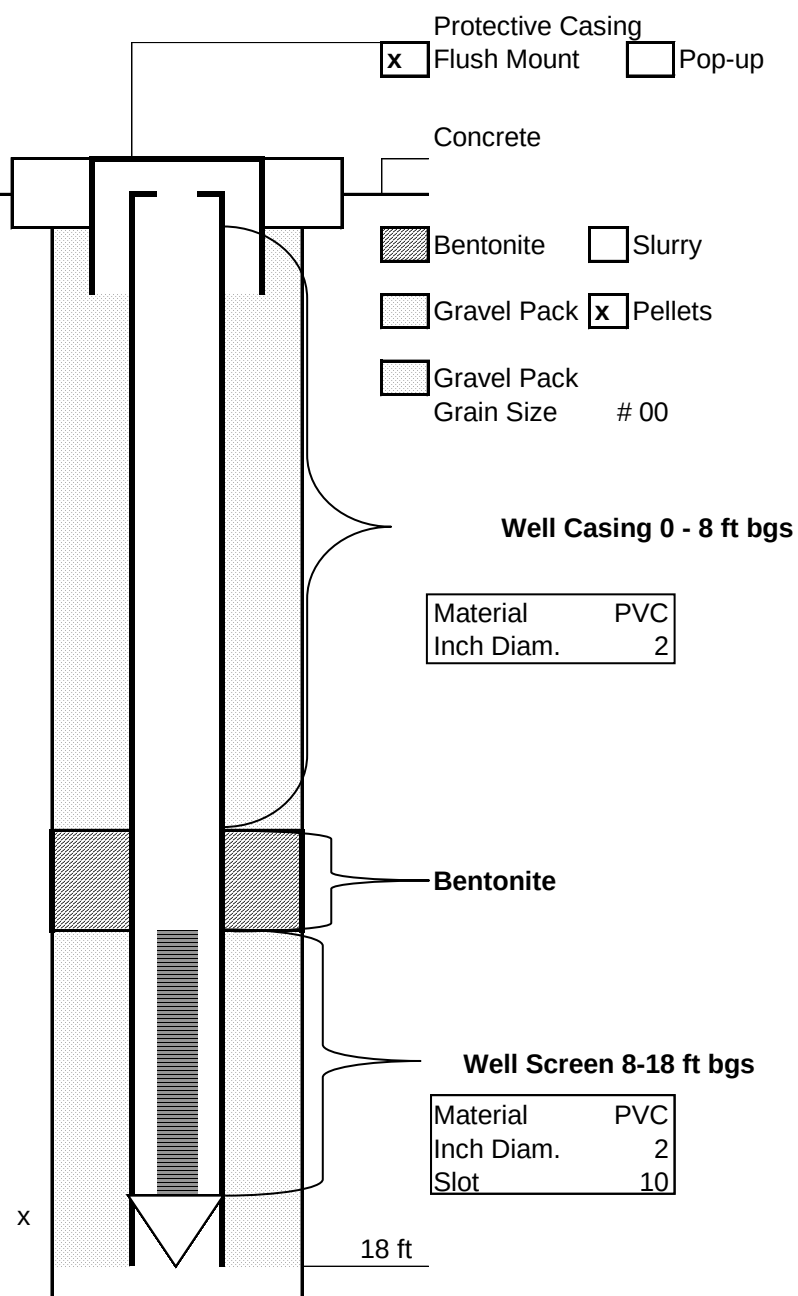
Company Name: EBC

Note: Drawing is not to scale.
Depths are given in feet below land surface.

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

19MW8



Monitoring Well No.: 19MW8

Project: 69-02 Queens Blvd. Queens

Depth to Groundwater: 13.08 Date: 12/2/2019

Installation Depth: 18'

Survey Point Elevation:

Installation Date: 11/21/2019

Drilling Contractor: Eastern Environmental solutions

Installation Method: Geoprobe 7812DT

Water Removed During Development:

Hydrogeologist: Tony Balado

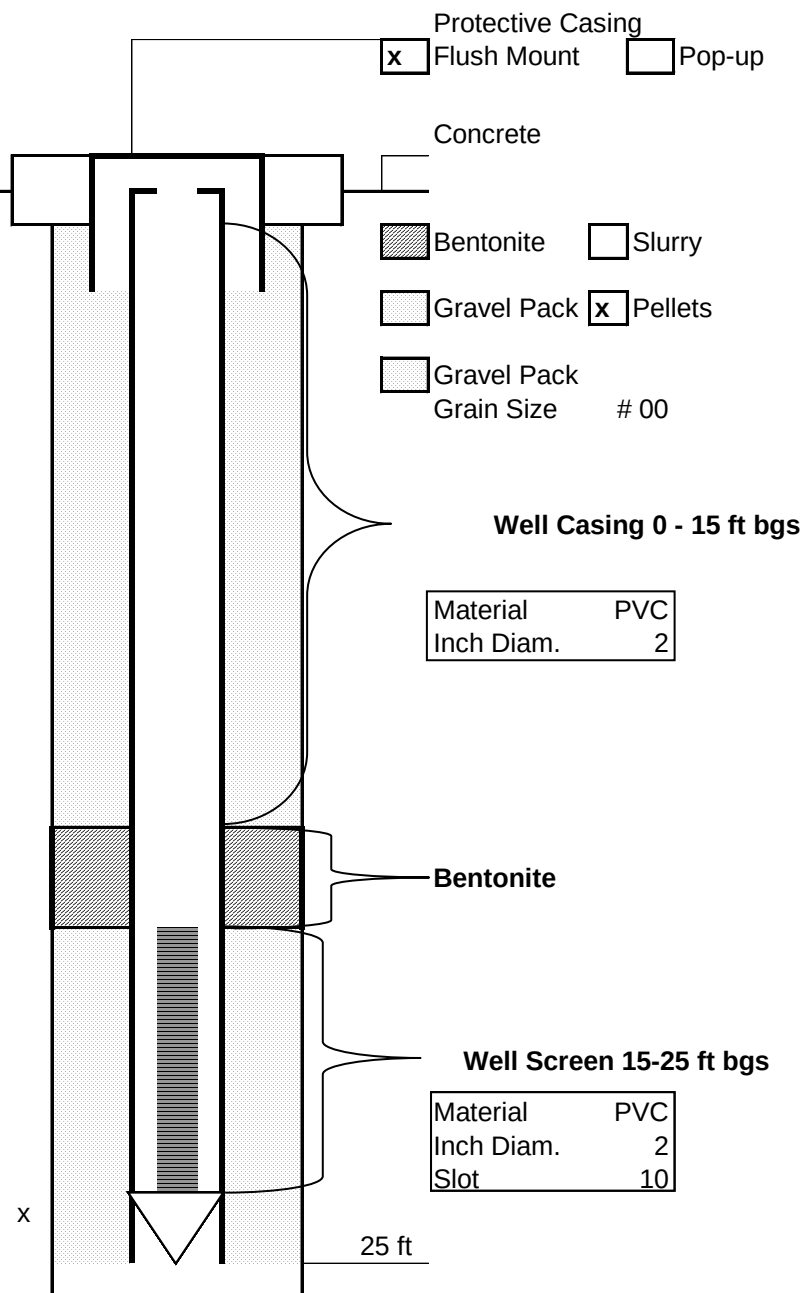
Company Name: EBC

Note: Drawing is not to scale.
 Depths are given in feet below land surface.

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

19MW9



Monitoring Well No.: 19MW9

Project: 69-02 Queens Blvd. Queens

Depth to Groundwater: 17.42 Date: 11/26/2019

Installation Depth: 25'

Survey Point Elevation:

Installation Date: 11/19/2019

Drilling Contractor: Eastern Environmental solutions

Installation Method: Geoprobe 7812DT

Water Removed During Development:

Hydrogeologist: Tony Balado

Company Name: EBC

Note: Drawing is not to scale.
 Depths are given in feet below land surface.

APPENDIX – C
Groundwater Sampling Logs



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

69-02 Queens Blvd. Queens, NY

Well I.D.: Kmw2

Date:

11-26-19

Well Depth (from TOC):

25.00

Static Water Level (from TOC):

18.94

Height of Water in Well:

6.06

Gallons of Water per Well Volume:

1.02

Equipment:

Peristaltic Pump, Horiba

Flow Rate:

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. F)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
12:48	380ml/min	0.0	7.48	0.965	62.04	1.30	76	1,000+		Turbid, brown
12:53		0.5	7.28	0.901	61.52	0.0	33	800+		Turbid, brown
12:58		1.0	7.19	0.890	61.37	0.0	-43	800+		Turbid, brown
1:03		1.5	7.19	0.864	61.52	0.0	-47	800+		Turbid, brown
1:08		2.0	7.19	0.860	60.8	0.0	-45	800+		Turbid, brown
1:13		2.5	7.19	0.859	61.27	0.07	-49	800+		Turbid, brown
1:18		3.0	7.18	0.865	61.16	0.0	-54	800+		Turbid, brown
1:23		3.5	7.15	0.874	61.07	0.0	-58	800+		Turbid, brown
1:33		4.5	7.12	0.890	60.98	0.0	-66	800+		Turbid, brown
1:43		5.5	7.10	0.906	60.84	0.0	-67	800+		Turbid, brown
1:53		6.5	7.08	0.922	60.746	0.0	-64	800+		Turbid, brown
2:03		7.0	7.07	0.935	60.728	0.0	-61	800+		Turbid, brown
2:13										

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

69-02 Queens Blvd. Queens, NY

Well I.D.: 19mw3

25.0'

Well Depth (from TOC):

19.31'

Static Water Level (from TOC):

5.69'

Height of Water in Well:

0.998

Gallons of Water per Well Volume:

Flow Rate:

Date:

11/26/19

Equipment:

Peristaltic Pump, Horiba

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. F)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
9:51	380 ml/min	0	6.92	1.22	58.46	4.86	276	161		Clear
9:56		0.5	6.94	1.20	59.72	3.85	277	75		Clear
9:01		1.0	6.94	1.19	59.86	8.62	256	257		light turbidity
10:06		1.5	6.92	1.18	59.90	7.50	259	23.1		Clear
10:11		2.0	6.92	1.18	59.86	6.69	262	11.3		clear
10:16		2.5	6.91	1.18	59.92	6.17	263	8.7		clear
10:21		3.0	6.90	1.18	59.92	5.89	263	5.4		clear
10:26		3.5	6.91	1.18	59.94	5.51	263	4.7		clear
10:31		4.0	6.91	1.18	59.94	5.23	264	3.5		clear
10:36		4.5	6.90	1.18	59.94	5.10	264	2.4		clear

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

69-02 Queens Blvd. Queens, NY

Well I.D.: 19mm

Well Depth (from TOC): 23.90

Static Water Level (from TOC): 16.41

Height of Water in Well: 7.49

Gallons of Water per Well Volume: 1.25

Flow Rate:

Date:

12-2-19

Equipment:

Peristaltic Pump, Horiba

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. F)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
12:25	380 ml/min	0.0	6.76	1.54	11.17	0.49	134	1000+		turbid brown
12:30		0.5	6.74	1.53	11.64	0.00	133	1000+		turbid
12:35		1.0	6.73	1.52	11.61	0.00	134	575		light turbidity
12:40		1.5	6.75	1.54	11.44	0.00	87	755		light turbidity
12:45		2.0	6.74	1.57	12.21	0.00	~~80~~ 84	700		light turbidity
12:50		2.5	6.76	1.63	12.55	0.00	73	477		
12:55		3.0	6.75	1.66	12.30	0.00	72	308		Clear
1:00		3.5	6.74	1.64	12.55	0.00	70	151		Clear
1:05		4.0	6.74	1.64	12.31	0.00	70	75		Clear

Note 400 ml = 0.11 gallons



69-02 Queens Blvd. Queens, NY

19mw5

25.0'

1,96E1

7.04

1.17

Flow Rate:

11/26/19

Peristaltic Pump, Horiba

[illegible]

Note $400\text{ ml} = 0.11\text{ gallons}$



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

69-02 Queens Blvd. Queens, NY

Well I.D.: 19mw6

23.90'

Well Depth (from TOC):

16.41'

Static Water Level (from TOC):

7.49

Height of Water in Well:

1.24

Gallons of Water per Well Volume:

Flow Rate:

Date:

12-2-19

Equipment:

Peristaltic Pump, Horiba

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. F)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
10:35	380 ml/min	0.0	7.58	1.70	55.06	5.28	324	100+		Turbid, brown
10:40		0.5	7.35	1.67	57.72	5.10	328	475		Turbid, brown
10:45		1.0	7.27	1.65	57.38	4.97	331	977		Turbid, brown
10:50		1.5	7.23	1.66	57.52	4.40	333	100+		Turbid, brown
10:55		2.0	7.24	1.70	57.51	3.78	334	678		Turbid, brown
11:00		2.5	7.29	1.76	57.51	3.57	334	451		Turbid, brown
11:05		3.0	7.32	1.75	57.92	3.38	354	400		Turbid, brown
11:10		3.5	7.35	1.76	58.01	3.38	334	296		light turbidity
11:15		4.0	7.38	1.75	58.19	3.38	333	115		Clear
11:20		4.5	7.37	1.74	58.19	3.37	333	70		Clear

Note 400 ml = 0.11 gallons



GROUNDWATER PURGE / SAMPLE LOGS

69-02 Queens Blvd. Queens, NY

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 19mw7

Well Depth (from TOC):

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume:

Flow Rate:

Date:

12.2.19

Equipment:

Peristaltic Pump, Horiba

17.60

12.25

535

2.89

[illegible]

Note $400\text{ ml} = 0.11\text{ gallons}$



69-02 Queens Blvd. Queens, NY

8mw8

18.00'

8.00

13.08'

41.92

0.82

12-2-2019

Peristaltic Pump, Horiba

[illegible]

Note $400\text{ ml} = 0.11\text{ gallons}$



69-02 Queens Blvd. Queens, NY

19mw9

(from TOC):

er Level (from TOC):

Water in Well:

Water per Well Volume:

Flow Rate:

Date:

11/26/19

Equipment:

Peristaltic Pump, Horiba

[illegible]

Note $400\text{ ml} = 0.11\text{ gallons}$

APPENDIX - D
Soil Vapor Sampling Logs

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 2

Data Delivery:

☐ Fax #: _____
☒ Email: File
☐ Phone #: _____

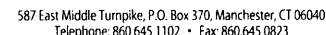
Report to: <u>Tony Babado</u>	Project Name: <u>69-02 Queens Blvd</u>	Data Format: (Circle) <u>Equis</u> <u>Excel</u> Other: _____
Customer: <u>CBC</u>	Invoice to: _____	Requested Deliverable: RCP <u>ASP CAT B</u>
Address: _____	Sampled by: <u>TB</u>	MCP NJ Deliverables
		Quote Number: _____

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
THIS SECTION FOR LAB USE ONLY													MATRIX		ANALYSES		
68149	SG10	28579	60	-30	-6	4967	43	10:19	12:15	11-25-19	-29	-5	X		X		
68150	SG5	12868			-4	5651		9:20	11:40	11-25-19	-29	-5	X		X		
68151	SG4	28552			-3	2994		8:55	11:00	11-25-19	-30	-5	X		X		
68152	SG7	288			-5	6987		10:08	12:08	11-25-19	-29	-5	X		X		
68153	SG6	16011			-3	3408		9:27	11:29	11-25-19	-30	-4	X		X		
68154	SG8	17161			-4	5704		9:52	11:47	11-25-19	-29	-5	X		X		
		19859				5030											
68155	SG11	28621			4	5668		9:57	11:59	11-25-19	-29	-5	X		X		
		13649				2975											
68156	SG9	28620			-2	7032		9:43	11:55	11-25-19	-28	-2	X		X		

Relinquished by: _____	Accepted by: _____	Date: <u>11-26-19</u>	Time: <u>11:17</u>	I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:
_____	_____	<u>11/26/19</u>	<u>15:55</u>	

State Where Samples Collected: <u>NY</u>	Turnaround Time: 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day ☒	Requested Criteria: CT: TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	(Please Circle) MA: <u>Indoor Air</u> Residential Ind/Commercial <u>Soil Gas</u> Residential Ind/Commercial	NI: <u>Indoor Air</u> Residential Ind/Commercial <u>Soil Gas</u> Residential Ind/Commercial	Vapor Intrusion	NY: <u>Indoor Air</u> Residential Non-residential	PA: <u>Indoor Air</u> Residential Non-residential	VT: <u>Indoor Air</u> Residential Industrial Sub-slab Residential Industrial

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(10) (6.0)
(2142)



AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 2 of 2

Data Delivery:☐ Fax #: _____

☐ Email: _____

☐ Phone #: _____[illegible]

Relinquished by:	Accepted by:	Date:	Time:	I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:
		11-26-19	11:17	
		11/26/19	5:55	Signature:  Date: 11-28-19

State Where Samples Collected: <u>NY</u>	Turnaround Time:	Requested Criteria: (Please Circle)					
	1 Day ☐	CT:	MA:	NI:	NY:	PA:	VT:
SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION: (1)(60) (2HR)	2 Day ☐	TAC I/C	<u>Indoor Air:</u>	<u>Indoor Air:</u>	Vapor Intrusion	<u>Indoor Air</u>	<u>Indoor Air</u>
		TAC RES	Residential	Residential		Residential	Residential
	3 Day ☐	SVVC I/C	Ind/Commercial	Ind/Commercial			Industrial
	4 Day ☐	SVVC RES	<u>Soil Gas:</u>	<u>Soil Gas:</u>		Non-residential	<u>Sub-slab</u>
		GWV I/C	Residential	Residential			Residential
	5 Day ☐	GWV CES	Ind/Commercial	Ind/Commercial			Industrial

APPENDIX - E
Laboratory Reports (On Disk)

APPENDIX - F
DUSRS

DATA USABILITY SUMMARY REPORT (DUSR)
PERFLUORINATED ALKYL ACIDS (PFAS)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: L1957568
Laboratory: Alpha Analytical,	Date: 02/3/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19MW1	L1957568-01	12/02/2019	PFAS	GW
19MW2	L1957568-02	11/26/2019	PFAS	GW
19MW3	L1957568-03	11/26/2019	PFAS	GW
19MW4	L1957568-04	12/02/2019	PFAS	GW
19MW5	L1957568-05	11/26/2019	PFAS	GW
19MW6	L1957568-06	12/02/2019	PFAS	GW
19MW7	L1957568-07	12/02/2019	PFAS	GW
19MW8	L1957568-08	12/02/2019	PFAS	GW
19MW9	L1957568-09	11/26/2019	PFAS	GW

Summary - Data validation was performed on the data for nine (9) aqueous samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/26/2019 and 12/02/2019 and submitted for PFAS by A2-NY-537-Isotope. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 12/03/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within 28 days following sample extraction.

Qualification: None required.

Initial Calibration and Continuing Calibration Verification (CCV) – Initial calibration and continuing calibration verifications met the method acceptance criteria.

Qualification: None required.

Surrogates – M2-6:2FTS in samples 19MW3 (292%), 19MW5 (270%), and 19MW6 (272%); and M2-8:2FTS in samples 19MW3 (296%), 19MW5 (259%), and 19MW6 (271%) were outside the QC acceptance limits. The remaining surrogate %REC values were within the QC acceptance limits for the SIM scan.

Qualification: Results for M2-6:2FTS and M2-8:2FTS in samples 19MW3, 19MW5, and 19MW6 were qualified as estimated (J).

Method Blank (MB) and Equipment Blank (EB) – Method Blank (WG1319405-1 BL) associated with the samples extracted on 12/11/2019 and analyzed on 1/07/2020. The method blank prepared and analyzed with these samples contained PFHxA (0.412 ng/L) and PFOA (0.272 ng/L). Field sample results were greater than the blank contamination.

Qualification: None required.

– Method Blank (WG1318745-1 BL) associated with the samples extracted on 12/10/2019 and analyzed on 1/06/2020. The method blank prepared and analyzed with these samples contained PFHxA (0.404 ng/L), PFOA (0.388 ng/L). Field sample results were greater than the blank contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1318745-2/3 were analyzed on 1/06/2020. All %RECs and RPDs were within the laboratory control limits.

Qualification: None required.

– Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1319405-2/3 were analyzed on 1/07/2019. %RECs and RPDs were within the laboratory control limits.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – Matrix Spike (MS) was performed on sample 19MW1 (L1957568-01). All MS %Recs were within the QC limits.

Qualification: None required.

Laboratory Duplicate (D) – Laboratory duplicate was performed on sample 19MW4 (L1957568-04) All RPDs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – No field duplicate samples were submitted in this SDG.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Data Review Summary – The PFAS results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- PFAS data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: L1957568 at the end of the data validation report.



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: L1957568**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW1	L1957568-01	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.31	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.791	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.638	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PFOA/PFOS, TOTAL	39.2	ng/l		0.232	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	4.68	ng/l		0.234	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	15.6	ng/l		0.402	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.964	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUORODECANOIC ACID (PFDA)	0.626	ng/l	J	0.299	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.366	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.677	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	11.8	ng/l		0.222	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)	9.2	ng/l		0.37	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROHXANOIC ACID (PFHXA)	17.2	ng/l		0.323	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUORONONANOIC ACID (PFNA)	2.49	ng/l		0.307	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.571	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	14.3	ng/l		0.496	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	24.9	ng/l		0.232	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	15.4	ng/l		0.39	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.244	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.322	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.256	1.97
19MW1	L1957568-01	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.19	1.97
19MW2	L1957568-02	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	3.32	ng/l		1.27	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.764	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.616	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PFOA/PFOS, TOTAL	110	ng/l		0.224	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	5.68	ng/l		0.226	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	32	ng/l		0.388	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.932	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.289	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.354	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	1.48	ng/l	J	0.654	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	37.6	ng/l		0.214	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)	8.09	ng/l		0.357	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROHXANOIC ACID (PFHXA)	56.7	ng/l		0.312	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUORONONANOIC ACID (PFNA)	7.63	ng/l		0.296	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.551	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	33	ng/l		0.479	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	76.9	ng/l		0.224	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	94.1	ng/l		0.376	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.236	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.311	1.9



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: L1957568

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW2	L1957568-02	E537(M)	11/26/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.247	1.9
19MW2	L1957568-02	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.15	1.9
19MW3	L1957568-03	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	4.84	ng/l	J	1.38	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)	93.4	ng/l		0.83	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)	17.8	ng/l		0.669	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PFOA/PFOS, TOTAL	224	ng/l		0.244	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	4.79	ng/l		0.246	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	30	ng/l		0.421	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)	2.78	ng/l		1.01	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUORODECANOIC ACID (PFDA)	17.6	ng/l		0.314	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUORODODECANOIC ACID (PFDOA)	1.27	ng/l	J	0.384	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	0.93	ng/l	J	0.711	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	13.5	ng/l		0.233	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	3.23	ng/l		0.388	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)	35.8	ng/l		0.339	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUORONONANOIC ACID (PFNA)	48.9	ng/l		0.322	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)	8.67	ng/l		0.599	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	109	ng/l		0.521	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	115	ng/l		0.244	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	15.2	ng/l		0.409	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.256	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.338	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)	2.69	ng/l		0.268	2.07
19MW3	L1957568-03	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)	4.92	ng/l	J	1.25	2.07
19MW4	L1957568-04	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	2.71	ng/l		1.3	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.788	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.635	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PFOA/PFOS, TOTAL	107	ng/l		0.231	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	5.1	ng/l		0.233	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	30	ng/l		0.4	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.961	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.298	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.365	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	1.1	ng/l	J	0.674	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	36.1	ng/l		0.221	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	7.27	ng/l		0.369	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)	53.3	ng/l		0.322	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUORONONANOIC ACID (PFNA)	7.54	ng/l		0.306	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.569	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	32.9	ng/l		0.494	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	73.7	ng/l		0.231	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	87.3	ng/l		0.388	1.96



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: L1957568**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.243	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.321	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.255	1.96
19MW4	L1957568-04	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.19	1.96
19MW5	L1957568-05	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	4.16	ng/l	J	1.36	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)	78.8	ng/l		0.824	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)	16.1	ng/l		0.664	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PFOA/PFOS, TOTAL	223	ng/l		0.242	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	5.45	ng/l		0.244	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	33.5	ng/l		0.418	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)	3.71	ng/l		1	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUORODECANOIC ACID (PFDA)	17	ng/l		0.311	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUORODODECANOIC ACID (PFDOA)	0.996	ng/l	J	0.381	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	1.22	ng/l	J	0.705	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	14.2	ng/l		0.231	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	5.33	ng/l		0.385	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)	35.9	ng/l		0.336	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUORONONANOIC ACID (PFNA)	48	ng/l		0.32	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)	6.98	ng/l		0.594	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	106	ng/l		0.516	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	117	ng/l		0.242	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	15.4	ng/l		0.406	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.254	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.335	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)	2.8	ng/l		0.266	2.05
19MW5	L1957568-05	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)	5.56	ng/l	J	1.24	2.05
19MW6	L1957568-06	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	3.73	ng/l	J	1.34	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)	80.9	ng/l		0.81	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)	14	ng/l		0.653	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PFOA/PFOS, TOTAL	203	ng/l		0.238	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	4.96	ng/l		0.24	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	32.2	ng/l		0.411	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)	3.27	ng/l		0.988	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUORODECANOIC ACID (PFDA)	14.7	ng/l		0.306	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUORODODECANOIC ACID (PFDOA)	1.24	ng/l	J	0.375	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	1.14	ng/l	J	0.694	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	12.1	ng/l		0.227	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	5.86	ng/l		0.379	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)	31.7	ng/l		0.331	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUORONONANOIC ACID (PFNA)	40.2	ng/l		0.314	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)	7.12	ng/l		0.585	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	99.5	ng/l		0.508	2.02



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: L1957568**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	103	ng/l		0.238	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	14.9	ng/l		0.399	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.25	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.33	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)	2.28	ng/l		0.262	2.02
19MW6	L1957568-06	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)	4.29	ng/l	J	1.22	2.02
19MW7	L1957568-07	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.28	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.776	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.625	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PFOA/PFOS, TOTAL	239	ng/l		0.228	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	15.3	ng/l		0.23	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	18.3	ng/l		0.394	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.946	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.293	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.359	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.664	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	25.4	ng/l		0.217	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	8.04	ng/l		0.363	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)	42.2	ng/l		0.317	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUORONONANOIC ACID (PFNA)	0.633	ng/l	J	0.301	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.56	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	6.78	ng/l		0.486	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	232	ng/l		0.228	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	35	ng/l		0.382	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.239	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.316	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.251	1.93
19MW7	L1957568-07	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.17	1.93
19MW8	L1957568-08	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.3	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)	9.32	ng/l		0.788	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)	15.4	ng/l		0.635	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PFOA/PFOS, TOTAL	24.4	ng/l		0.231	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	0.863	ng/l	J	0.233	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	3.54	ng/l		0.4	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.961	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUORODECANOIC ACID (PFDA)	9.36	ng/l		0.298	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUORODODECANOIC ACID (PFDOA)	6.75	ng/l		0.365	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.674	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	2.63	ng/l		0.221	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	1.13	ng/l	J	0.369	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)	2.95	ng/l		0.322	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUORONONANOIC ACID (PFNA)	2.45	ng/l		0.306	1.96



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: L1957568**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)	1.83	ng/l	J	0.569	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	11.8	ng/l		0.494	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	12.6	ng/l		0.231	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	1.77	ng/l	J	0.388	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.243	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.321	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)	1.46	ng/l	J	0.255	1.96
19MW8	L1957568-08	E537(M)	12/2/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.19	1.96
19MW9	L1957568-09	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	7.52	ng/l		1.36	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.24	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)	1.19	ng/l	J	0.824	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.664	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PFOA/PFOS, TOTAL	108	ng/l		0.242	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	6.05	ng/l		0.244	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROBUTANOIC ACID (PFBA)	31.9	ng/l		0.418	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	1	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.311	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.381	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	1.02	ng/l	J	0.705	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)	39.3	ng/l		0.231	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	7.57	ng/l		0.385	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)	57.4	ng/l		0.336	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUORONONANOIC ACID (PFNA)	7.96	ng/l		0.32	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.594	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	31.1	ng/l		0.516	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROOCTANOIC ACID (PFOA)	77	ng/l		0.242	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)	94.9	ng/l		0.406	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.254	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.335	2.05
19MW9	L1957568-09	E537(M)	11/26/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.266	2.05

DATA USABILITY SUMMARY REPORT (DUSR)
PERFLUORINATED ALKYL ACIDS (PFAS)
 USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: L1956908
Laboratory: Alpha Analytical,	Date: 02/3/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B16(0-2')	L1956908-01	11/21/2019	PFAS	Soil
19B16(18-20')	L1956908-02	11/21/2019	PFAS	Soil
19B15(0-2')	L1956908-03	11/21/2019	PFAS	Soil
19B15(18-20')	L1956908-04	11/21/2019	PFAS	Soil
19B14(0-2')	L1956908-05	11/21/2019	PFAS	Soil
19B14(18-20')	L1956908-06	11/21/2019	PFAS	Soil
19B13(0-2')	L1956908-07	11/21/2019	PFAS	Soil
19B13(18-20')	L1956908-08	11/21/2019	PFAS	Soil
19B12(0-2')	L1956908-09	11/22/2019	PFAS	Soil
19B12(18-20')	L1956908-10	11/22/2019	PFAS	Soil
Field Blank	L1956908-11	11/22/2019	PFAS	Soil
Trip Blank	L1956908-12	11/21/2019	PFAS	Soil

Summary - Data validation was performed on the data for ten (10) soil samples, one (1) field blank, and one trip blank that were collected from 69-02 Queens Blvd, Queens, NY on 11/21-22/2019 and submitted for PFAS by A2-NY-537-Isotope. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/26/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were extracted within 14 days from sample collection and analyzed within 28 days following sample extraction.

Qualification: None required.

Initial Calibration and Continuing Calibration Verification (CCV) – Initial calibration and continuing calibration verifications met the method acceptance criteria.

Qualification: None required.

Surrogates – MPFBA and M5PFPEA in sample 19B14 (18-20), D3-NMEFOSAA in samples 19B16(0-2), 19B15(0-2), 19B14(0-2), 19B14(18-20), 19B12(18-20); and D5-NETFOSAA in samples 19B14(0-2) and 19B14(18-20) were outside the QC acceptance limits. The remaining surrogate %REC values were within the QC acceptance limits for the SIM scan.

Qualification: Non-detect results for PFBA and PFPEA in sample 19B14(18-20), NMEFOSAA in samples 19B16(0-2), 19B15(0-2), 19B14(0-2), 19B14(18-20), 19B12(18-20), and NETFOSAA in samples 19B14(0-2) and 19B14(18-20) were qualified as estimated (UJ).

Method Blank (MB) and Equipment Blank (EB) – Method Blank (WG1317101-1 BL) associated with the soil samples extracted on 12/05/2019 and analyzed on 12/12/2019. The method blank prepared and analyzed with these samples were free of contamination.

Qualification: None required.

– Method Blank (WG1318745-1 BL) associated with the soil samples extracted on 12/10/2019 and analyzed on 1/06/2020. The method blank prepared and analyzed with these samples were free of contamination.

Qualification: None required.

– Method Blank (WG1318759-1 BL) associated with the soil samples extracted on 12/10/2019 and analyzed on 1/06/2020. The method blank prepared and analyzed with these samples were free of contamination.

Qualification: None required.

– Field Blank (L1956908-11) associated with the soil samples collected on 11/21-22/2019 and analyzed on 12/30/2019. The Field Blank contained PFOS (1.90 ng/l). Field sample results associated with the field blank for PFOS were non-detect.

Qualification: None required.

– Trip Blank (L1956908-12) associated with the soil samples collected on 11/21-22/2019 and analyzed on 1/06/2020. The Trip Blank contained 6:2FTS (9.15 ng/L). Field sample results associated with the trip blank for PFOS were non-detect.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1317101-2/3 were analyzed on 12/12/2019. All %RECs and RPDs were within the laboratory control limits.

Qualification: None required.

– Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1318745-2/3 were analyzed on 1/06/2019. %RECs and RPDs were within the laboratory control limits.

Qualification: None required.

– Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1318759-2/3 were analyzed on 1/06/2019. All %RECs and RPDs were within the laboratory control limits with the exception of 6:2FTS (143% %R), 8:2FTS (138% %R), and FOSA (195% %R and 45% RPD). Results for 6:2FTS, 8:2FTS, and FOSA were non-detect in the associated field samples.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were not performed on a sample from this SDG.

Qualification: None required.

Field Duplicate – No field duplicate samples were submitted in this SDG.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Data Review Summary – The PFAS results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– PFAS data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: L1956908 at the end of the data validation report.



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1956908**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (0-2)	L1956908-01	A2540G	11/21/2019	1	SOLIDS, TOTAL	89.5	percent		0.1	0.1
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.312	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.195	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.092	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.219	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.046	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.042	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.025	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.166	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.073	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.076	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.148	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.049	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.066	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.057	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.082	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.106	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.141	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.046	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.05	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.059	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.222	1.09
19B16 (0-2)	L1956908-01	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.051	1.09
19B16 (18-20)	L1956908-02	A2540G	11/21/2019	1	SOLIDS, TOTAL	92.5	percent		0.1	0.1
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.283	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.177	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.083	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.199	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.041	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.022	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.151	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.066	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.069	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.135	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.045	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.074	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.097	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.128	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.041	0.987



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1956908**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.045	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.053	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.202	0.987
19B16 (18-20)	L1956908-02	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.046	0.987
19B15 (0-2)	L1956908-03	A2540G	11/21/2019	1	SOLIDS, TOTAL	90.4	percent		0.1	0.1
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.312	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.195	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.092	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.219	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.046	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.042	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.025	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.166	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.073	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.076	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.148	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.049	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.066	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.057	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.082	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.106	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.141	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.046	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.05	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.059	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.222	1.09
19B15 (0-2)	L1956908-03	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.051	1.09
19B15 (18-20)	L1956908-04	A2540G	11/21/2019	1	SOLIDS, TOTAL	88.9	percent		0.1	0.1
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.307	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.192	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.091	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.216	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.045	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.042	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.164	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.072	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.075	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.146	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.048	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.065	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.056	1.07



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1956908**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.08	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.105	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.139	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.045	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.049	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.058	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.219	1.07
19B15 (18-20)	L1956908-04	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.05	1.07
19B14 (0-2)	L1956908-05	A2540G	11/21/2019	1	SOLIDS, TOTAL	90.2	percent		0.1	0.1
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.305	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.191	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.09	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.214	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.045	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.042	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.163	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.071	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.074	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.145	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.048	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.064	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.056	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.08	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.104	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.138	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.045	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.049	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.057	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.217	1.06
19B14 (0-2)	L1956908-05	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.05	1.06
19B14 (18-20)	L1956908-06	A2540G	11/21/2019	1	SOLIDS, TOTAL	92.8	percent		0.1	0.1
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.284	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.178	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.084	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.2	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.042	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	UJ	0.023	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.152	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.066	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.069	0.991



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1956908**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.135	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.045	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.074	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.097	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.129	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.042	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	UJ	0.046	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.054	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.203	0.991
19B14 (18-20)	L1956908-06	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.046	0.991
19B13 (0-2)	L1956908-07	A2540G	11/21/2019	1	SOLIDS, TOTAL	92.4	percent		0.1	0.1
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.277	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.173	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.082	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.195	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.041	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.038	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.022	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.148	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.065	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.068	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.132	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.044	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.059	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.051	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.073	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.095	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.126	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.041	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.044	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.052	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.198	0.966
19B13 (0-2)	L1956908-07	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.045	0.966
19B13 (18-20)	L1956908-08	A2540G	11/21/2019	1	SOLIDS, TOTAL	84.5	percent		0.1	0.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.317	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.198	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.093	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.222	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.046	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.043	1.1



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1956908

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.025	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.169	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.074	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.077	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.151	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.05	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.067	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.058	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.083	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.108	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.143	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.046	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.051	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.06	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.226	1.1
19B13 (18-20)	L1956908-08	E537(M)	11/21/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.052	1.1
19B12 (0-2)	L1956908-09	A2540G	11/22/2019	1	SOLIDS, TOTAL	84.5	percent		0.1	0.1
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.33	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.206	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.097	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.232	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.048	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.045	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.026	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.176	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.077	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.08	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.157	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.052	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.07	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.06	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.086	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.112	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.149	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.048	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.053	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.062	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.235	1.15
19B12 (0-2)	L1956908-09	E537(M)	11/22/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.054	1.15
19B12 (18-20)	L1956908-10	A2540G	11/22/2019	1	SOLIDS, TOTAL	89.5	percent		0.1	0.1
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.292	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.183	1.02



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1956908**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.086	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.205	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.043	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.04	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.156	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.068	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.071	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.139	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.046	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.062	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.053	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.076	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.1	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.132	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.043	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.047	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.055	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.208	1.02
19B12 (18-20)	L1956908-10	E537(M)	11/22/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.048	1.02
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.09	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.2	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.723	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.583	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PFOA/PFOS, TOTAL	1.9	ng/l		0.212	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.214	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.367	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.881	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.273	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.334	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.619	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.202	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ng/l	U	0.338	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ng/l	U	0.295	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.28	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.522	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	1.9	ng/l		0.453	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.212	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.356	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.223	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.294	1.8
FIELD BLANK	L1956908-11	E537(M)	11/22/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.234	1.8



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1956908**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.08	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	9.15	ng/l		1.19	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.718	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.578	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PFOA/PFOS, TOTAL		ng/l	U	0.211	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.212	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.364	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.875	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.271	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.332	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.614	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.201	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ng/l	U	0.336	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ng/l	U	0.293	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.278	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.518	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.45	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.211	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.354	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.221	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.292	1.78
TRIP BLANK	L1956908-12	E537(M)	11/22/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.232	1.78

DATA USABILITY SUMMARY REPORT (DUSR)
PERFLUORINATED ALKYL ACIDS (PFAS)
 USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: L1954044
Laboratory: Alpha Analytical,	Date: 01/31/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B7(0-2')	L1954044-01	11/06/2019	PFAS	Soil
19B7(18-20')	L1954044-02	11/06/2019	PFAS	Soil
19B8(0-2')	L1954044-03	11/06/2019	PFAS	Soil
19B8(18-20')	L1954044-04	11/06/2019	PFAS	Soil
19B9(0-2')	L1954044-05	11/06/2019	PFAS	Soil
19B9(18-20')	L1954044-06	11/06/2019	PFAS	Soil
19B10(0-2')	L1954044-07	11/06/2019	PFAS	Soil
19B10(18-20')	L1954044-08	11/06/2019	PFAS	Soil
19B11(0-2')	L1954044-09	11/06/2019	PFAS	Soil
19B11(18-20')	L1954044-10	11/06/2019	PFAS	Soil
19B2(0-2')	L1954044-11	11/06/2019	PFAS	Soil
19B2(18-20')	L1954044-12	11/06/2019	PFAS	Soil
19B18(0-2')	L1954044-13	11/06/2019	PFAS	Soil
19B18(18-20')	L1954044-14	11/06/2019	PFAS	Soil
19B1(0-2')	L1954044-15	11/07/2019	PFAS	Soil
19B1(20-22')	L1954044-16	11/07/2019	PFAS	Soil
19B3(0-2')	L1954044-17	11/07/2019	PFAS	Soil
19B3(18-20')	L1954044-18	11/07/2019	PFAS	Soil
19B4(0-2')	L1954044-19	11/07/2019	PFAS	Soil
19B4(18-20')	L1954044-20	11/07/2019	PFAS	Soil
19B5(0-2')	L1954044-21	11/07/2019	PFAS	Soil
19B5(18-20')	L1954044-22	11/07/2019	PFAS	Soil
19B6(0-2')	L1954044-23	11/07/2019	PFAS	Soil
19B6(18-20')	L1954044-24	11/07/2019	PFAS	Soil
19B17(0-2')	L1954044-25	11/07/2019	PFAS	Soil
19B17(18-20')	L1954044-26	11/07/2019	PFAS	Soil
Field Blank	L1954044-27	11/07/2019	PFAS	Soil
Trip Blank	L1954044-28	11/07/2019	PFAS	Soil

Summary - Data validation was performed on the data for twenty-six (26) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/06-07/2019 and submitted for PFAS by A2-NY-537-Isotope. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. Laboratory noted that sample 19B17(0-2) Lab ID L1954044-25 did not have a field ID associated with it. The client was contacted and 19B17(0-2) was assigned the field sample ID by request. No other discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/13/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were extracted within 14 days from sample collection and analyzed within 28 days following sample extraction.

Qualification: None required.

Initial Calibration and Continuing Calibration Verification (CCV) – Initial calibration and continuing calibration verifications met the method acceptance criteria.

Qualification: None required.

Surrogates – MPFBA, M5PFPEA, and M5PFHXA in sample 19B6(18-20'); D3-NMEFOSAA in samples 19B7(0-2'), 19B8(0-2'), 19B9(0-2'), 19B18(0-2'), 19B1(0-2'), 19B4(18-20'), 19B5(18-20'), 19B6(18-20'), and 19B17(0-2'); D5-NETFOSAA in samples 19B8(0-2'), 19B9(0-2'), 19B1(0-2'), 19B5(18-20'), and 19B17(0-2'); and M8FOSA in samples 19B10(18-20') and 19B6(18-20') were outside the QC acceptance limits. The remaining surrogate %REC values were within the QC acceptance limits for the SIM scan.

Qualification: Non-detect results for PFBA, PFHXA, PFPEA in sample 19B6(18-20'), NMEFOSAA in samples 19B7(0-2'), 19B8(0-2'), 19B9(0-2'), 19B18(0-2'), 19B1(0-2'), 19B4(18-20'), 19B5(18-20'), 19B6(18-20'), and 19B17(0-2'), NETFOSAA in samples 19B8(0-2'), 19B9(0-2'), 19B1(0-2'), 19B5(18-20'), and 19B17(0-2'), and FOSA in samples 19B10(18-20') and 19B6(18-20') were qualified as estimated (UJ).

Method Blank (MB) and Equipment Blank (EB) – Method Blank (WG1314493-1 BL) associated with the soil samples extracted on 11/27/2019 and analyzed on 12/05/2019. The method blank prepared and analyzed with these samples were free of contamination.

Qualification: None required.

– Method Blank (WG1313460-1 BL) associated with the soil samples extracted on 11/25/2019 and analyzed on 12/18/2019. The method blank prepared and analyzed with these samples were free of contamination.

Qualification: None required.

– Method Blank (WG1313554-1 BL) associated with the soil samples extracted on 11/25/2019 and analyzed on 12/18/2019. The method blank prepared and analyzed with these samples were free of contamination.

Qualification: None required.

– Field Blank (L1954044-27) associated with the soil samples collected on 11/06-07/2019 and analyzed on 12/06/2019. The Field Blank was free of contamination.

Qualification: None required.

– Trip Blank (L1954044-28) associated with the soil samples collected on 11/06-07/2019 and analyzed on 12/06/2019. The Trip Blank was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1313460-2/3 were analyzed on 12/18/2019. All %RECs and RPDs were within the laboratory control limits.

Qualification: None required.

– Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1313554-2/3 were analyzed on 12/18/2019. %RECs and RPDs were within the laboratory control limits with the exception of PFPeA, PFHxA, PFHpA, PFHxS, PFOA, 6:2FTS, PFNA, PFOS, 8:2FTS, NMeFOSAA, PFDS, and FOSA. Results for PFPeA, PFHxA, PFHpA, PFHxS, PFOA, 6:2FTS, PFNA, 8:2FTS, NMeFOSAA, PFDS, and FOSA were non-detect; no qualifications were required.

Qualification: Results for PFOS and Total PFOS in samples 19B5(0-2) and 19B6(0-2) were qualified as estimated (J).

– Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1314493-2/3 were analyzed on 12/05/2019. All %RECs and RPDs were within the laboratory control limits.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 19B7(0-2') (L1954044-01). All MS/MSD %Recs and RPDs were within the QC limits.

Qualification: None required.

– Matrix Spike (MS) were performed on sample 19B3(18-20') (L1954044-18). MS %RECS for PFPeA, PFHxA, PFHpA, PFOA, 6:2FTS, PFNA, NMeFOSAA, and PFTA were outside the QC limits. The remaining MS %Recs were within the QC limits. Results for PFPeA, PFHxA, PFHpA, PFOA, 6:2FTS, PFNA, NMeFOSAA, and PFTA in the parent sample were non-detect.

Qualification: None required.

Laboratory Duplicate (D) – Laboratory duplicate was performed on sample 19B7(18-20') (L1954044-02) All RPDs were within the laboratory control limits.

Qualification: None required.

– Laboratory duplicate was performed on sample 19B4(0-2') (L1954044-19). All RPDs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – No field duplicate samples were submitted in this SDG.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Data Review Summary – The PFAS results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- PFAS data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: L1954044 at the end of the data validation report.



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B7(0-2)	L1954044-01	A2540G	11/6/2019	1	SOLIDS, TOTAL	93.9	percent		0.1	0.1
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.286	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.179	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.084	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.2	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.042	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.152	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.067	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.07	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.136	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.045	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.075	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.098	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.129	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.042	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.046	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.054	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.204	0.995
19B7(0-2)	L1954044-01	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.047	0.995
19B7(18-20)	L1954044-02	A2540G	11/6/2019	1	SOLIDS, TOTAL	69.3	percent		0.1	0.1
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.396	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.248	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.117	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.278	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.058	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.054	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.031	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.211	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.093	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.097	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.188	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.062	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.084	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.073	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.104	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.135	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.18	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.058	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.064	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.075	1.38
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.282	1.38



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B7(18-20)	L1954044-02	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.065	1.38
19B8(0-2)	L1954044-03	A2540G	11/6/2019	1	SOLIDS, TOTAL	85	percent		0.1	0.1
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.328	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.205	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.097	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.23	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.048	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.045	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.026	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.175	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.077	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFD OA)		ug/kg	U	0.08	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.156	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.052	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.069	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.06	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.086	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.112	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.148	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.048	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.053	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.062	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.234	1.14
19B8(0-2)	L1954044-03	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.053	1.14
19B8(18-20)	L1954044-04	A2540G	11/6/2019	1	SOLIDS, TOTAL	93.2	percent		0.1	0.1
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.3	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.187	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.088	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.21	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.044	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.041	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.16	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.07	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFD OA)		ug/kg	U	0.073	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.142	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.047	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.063	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.055	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.078	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.102	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.136	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.044	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.048	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.056	1.04



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.214	1.04
19B8(18-20)	L1954044-04	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.049	1.04
19B9(0-2)	L1954044-05	A2540G	11/6/2019	1	SOLIDS, TOTAL	91.5	percent		0.1	0.1
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.275	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.172	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.081	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.193	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.04	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.037	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.022	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.147	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.064	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.067	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.131	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.043	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.058	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.05	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.072	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.094	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.125	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.04	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.044	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.052	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.196	0.959
19B9(0-2)	L1954044-05	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.045	0.959
19B9(18-20)	L1954044-06	A2540G	11/6/2019	1	SOLIDS, TOTAL	89.6	percent		0.1	0.1
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.285	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.178	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.084	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.2	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.042	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.152	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.067	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.069	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.135	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.045	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.074	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.097	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.129	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.042	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.046	0.992



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.054	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.203	0.992
19B9(18-20)	L1954044-06	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.046	0.992
19B10(0-2)	L1954044-07	A2540G	11/6/2019	1	SOLIDS, TOTAL	88.7	percent		0.1	0.1
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.296	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.185	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.087	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.208	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.043	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.04	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.158	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.069	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.072	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.141	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.047	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.062	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.054	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.077	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.101	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.134	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.043	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.048	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.056	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.211	1.03
19B10(0-2)	L1954044-07	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.048	1.03
19B10(18-20)	L1954044-08	A2540G	11/6/2019	1	SOLIDS, TOTAL	84	percent		0.1	0.1
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.325	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.204	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.096	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.228	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.048	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.044	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.026	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.173	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.076	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.079	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.155	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.051	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.069	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.06	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.085	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	UJ	0.111	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.147	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.048	1.13



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.052	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.061	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.232	1.13
19B10(18-20)	L1954044-08	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.053	1.13
19B11(0-2)	L1954044-09	A2540G	11/6/2019	1	SOLIDS, TOTAL	75.7	percent		0.1	0.1
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.371	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.232	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.109	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.26	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.054	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.05	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.029	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.198	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.087	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.09	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.176	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.058	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.078	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.068	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.097	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.127	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.168	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.054	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.059	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.07	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.264	1.29
19B11(0-2)	L1954044-09	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.061	1.29
19B11(18-20)	L1954044-10	A2540G	11/6/2019	1	SOLIDS, TOTAL	87.6	percent		0.1	0.1
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.289	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.181	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.085	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.203	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.042	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.154	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.068	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.071	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.138	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.046	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.061	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.053	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.076	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.099	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.131	1.01



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.042	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.046	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.054	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.206	1.01
19B11(18-20)	L1954044-10	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.047	1.01
19B2(0-2)	L1954044-11	A2540G	11/6/2019	1	SOLIDS, TOTAL	89.7	percent		0.1	0.1
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.294	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.184	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.087	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.206	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.043	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.04	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.157	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.069	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.072	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.14	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.046	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.062	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.054	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.077	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.1	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.133	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.043	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.047	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.055	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.21	1.02
19B2(0-2)	L1954044-11	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.048	1.02
19B2(18-20)	L1954044-12	A2540G	11/6/2019	1	SOLIDS, TOTAL	90.6	percent		0.1	0.1
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.295	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.184	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.087	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.207	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.043	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.04	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.157	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.069	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.072	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.14	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.046	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.062	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.054	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.077	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.101	1.03



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.133	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.043	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.047	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.055	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.21	1.03
19B2(18-20)	L1954044-12	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.048	1.03
19B18(0-2)	L1954044-13	A2540G	11/6/2019	1	SOLIDS, TOTAL	92.4	percent		0.1	0.1
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.304	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.19	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.089	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.213	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.044	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.041	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.162	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.071	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.074	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.144	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.048	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.064	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.056	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.079	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.104	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.138	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.044	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.049	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.057	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.216	1.06
19B18(0-2)	L1954044-13	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.05	1.06
19B18(18-20)	L1954044-14	A2540G	11/6/2019	1	SOLIDS, TOTAL	90.7	percent		0.1	0.1
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.299	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.187	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.088	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.21	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.044	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.041	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.16	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.07	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.073	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.142	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.047	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.063	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.055	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.078	1.04



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.102	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.136	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.044	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.048	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.056	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.213	1.04
19B18(18-20)	L1954044-14	E537(M)	11/6/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.049	1.04
19B1(0-2)	L1954044-15	A2540G	11/7/2019	1	SOLIDS, TOTAL	88.9	percent		0.1	0.1
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.283	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.177	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.083	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.199	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.041	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.022	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.151	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.066	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.069	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.135	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.045	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.074	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.097	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.128	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.041	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.045	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.053	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.202	0.987
19B1(0-2)	L1954044-15	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.046	0.987
19B1(20-22)	L1954044-16	A2540G	11/7/2019	1	SOLIDS, TOTAL	89	percent		0.1	0.1
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.285	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.178	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.084	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.2	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.042	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.152	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.067	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.07	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.136	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.045	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.994



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.075	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.097	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.129	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.042	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.046	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.054	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.203	0.994
19B1(20-22)	L1954044-16	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.047	0.994
19B3(0-2)	L1954044-17	A2540G	11/7/2019	1	SOLIDS, TOTAL	88.6	percent		0.1	0.1
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.314	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.196	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.092	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.22	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL	1.22	ug/kg		0.046	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.043	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.025	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.167	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.073	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.077	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.149	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.049	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.066	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.057	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.082	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.107	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	1.22	ug/kg		0.142	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.046	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.05	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.059	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.224	1.09
19B3(0-2)	L1954044-17	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.051	1.09
19B3(18-20)	L1954044-18	A2540G	11/7/2019	1	SOLIDS, TOTAL	90	percent		0.1	0.1
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.299	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.187	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.088	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.21	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.044	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.041	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.159	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.07	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.073	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.142	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.047	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.063	1.04



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.055	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.078	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.102	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.135	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.044	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.048	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.056	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.213	1.04
19B3(18-20)	L1954044-18	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.049	1.04
19B4(0-2)	L1954044-19	A2540G	11/7/2019	1	SOLIDS, TOTAL	92.8	percent		0.1	0.1
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.278	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.174	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.082	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.195	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.041	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.038	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.022	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.148	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.065	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.068	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.132	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.044	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.059	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.051	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.073	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.095	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.126	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.041	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.045	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.052	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.198	0.969
19B4(0-2)	L1954044-19	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.045	0.969
19B4(18-20)	L1954044-20	A2540G	11/7/2019	1	SOLIDS, TOTAL	91.4	percent		0.1	0.1
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.3	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.188	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.089	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.211	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.044	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.041	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.16	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.07	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.073	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.143	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.047	1.05



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.063	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.055	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.079	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.103	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.136	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.044	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.048	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.057	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.214	1.05
19B4(18-20)	L1954044-20	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.049	1.05
19B5(0-2)	L1954044-21	A2540G	11/7/2019	1	SOLIDS, TOTAL	93.2	percent		0.1	0.1
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.283	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.177	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.083	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.199	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL	1.34	ug/kg	J	0.041	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.039	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.022	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.151	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.066	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.069	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.135	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.045	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.074	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.097	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	1.34	ug/kg	J	0.128	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.041	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.045	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.053	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.202	0.987
19B5(0-2)	L1954044-21	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.046	0.987
19B5(18-20)	L1954044-22	A2540G	11/7/2019	1	SOLIDS, TOTAL	92	percent		0.1	0.1
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.282	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.176	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.083	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.198	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.041	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.038	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.022	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.15	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.066	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.069	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.134	0.984



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.044	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.06	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.052	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.074	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.096	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.128	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.041	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.045	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.053	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.201	0.984
19B5(18-20)	L1954044-22	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.046	0.984
19B6(0-2)	L1954044-23	A2540G	11/7/2019	1	SOLIDS, TOTAL	87.5	percent		0.1	0.1
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.306	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.192	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.09	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.215	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL	1.37	ug/kg	J	0.045	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.042	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.163	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.072	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.075	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.146	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.048	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.065	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.056	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.08	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.105	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	1.37	ug/kg	J	0.139	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.045	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.049	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.058	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.218	1.07
19B6(0-2)	L1954044-23	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.05	1.07
19B6(18-20)	L1954044-24	A2540G	11/7/2019	1	SOLIDS, TOTAL	90.2	percent		0.1	0.1
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.291	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.182	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.086	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.204	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.043	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.04	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	UJ	0.023	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.155	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.068	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.071	1.01



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.138	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.046	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.061	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	UJ	0.053	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.076	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	UJ	0.099	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.132	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.043	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	UJ	0.047	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.055	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.208	1.01
19B6(18-20)	L1954044-24	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.048	1.01
19B17(0-2)	L1954044-25	A2540G	11/7/2019	1	SOLIDS, TOTAL	91.4	percent		0.1	0.1
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.293	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.183	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.086	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.206	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.043	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.04	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.156	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.068	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.071	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.139	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.046	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ug/kg	U	0.062	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ug/kg	U	0.054	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.077	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.1	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.133	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.043	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.047	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.055	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.209	1.02
19B17(0-2)	L1954044-25	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.048	1.02
19B17(18-20)	L1954044-26	A2540G	11/7/2019	1	SOLIDS, TOTAL	82	percent		0.1	0.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.316	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.198	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.093	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.222	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ug/kg	U	0.046	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.043	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.025	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.168	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.074	1.1



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.077	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.15	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.05	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.067	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.058	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.083	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.108	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.143	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.046	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.051	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.06	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.225	1.1
19B17(18-20)	L1954044-26	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.052	1.1
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.09	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.2	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.726	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.585	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ng/l	U	0.213	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.215	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.368	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.884	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.274	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.336	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.621	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.203	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ng/l	U	0.339	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROHEXANOIC ACID (PFHXA)		ng/l	U	0.296	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.282	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.523	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.455	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.213	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.357	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.224	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.295	1.8
FIELD BLANK	L1954044-27	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.235	1.8
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.15	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.27	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.764	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.616	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PFOA/PFOS, TOTAL		ng/l	U	0.224	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.226	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.388	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.932	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.289	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.354	1.9



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOIL
SDG: L1954044

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.654	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.214	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROHXANESULFONIC ACID (PFHXS)		ng/l	U	0.357	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROHXANOIC ACID (PFHXA)		ng/l	U	0.312	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.296	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.551	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.479	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.224	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.376	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.236	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.311	1.9
TRIP BLANK	L1954044-28	E537(M)	11/7/2019	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.247	1.9

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE70326
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/30/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19MW1	CE70326	12/02/2019	SVOC	GW
19MW4	CE70327	12/02/2019	SVOC	GW
19MW6	CE70328	12/02/2019	SVOC	GW
19MW7	CE70329	12/02/2019	SVOC	GW
19MW8	CE70330	12/02/2019	SVOC	GW

Summary - Data validation was performed on the data for five (5) groundwater (GW) samples that were collected from 69-02 Queens Blvd, Queens, NY on 12/02/2019 and submitted for Semi-Volatile Organic (SVOC) analyses by SW846 Method 8270C. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 12/03/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning – All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/08/2019 (CHEM05)-Full Scan exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

– Initial calibration curve analyzed on 11/15/2019 (CHEM05)-Full Scan exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

– Initial calibration curve analyzed on 11/18/2019 (CHEM25)-SIM Scan exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Continuing Calibration Verification (CCV) – CCV analyzed on 12/05-06/2019 (CHEM06)-Full scan exhibited acceptable %Ds and RRF values for compounds listed in Table 2 in SOP HW-33A with the exception of 2-nitrophenol (39.6%).

Qualification: Non-detect results for 2-nitrophenol in samples 19MW1, 19MW4, 19MW6, 19MW7, and 19MW8 were qualified as estimated (UJ).

– CCV analyzed on 12/05/2019 (CHEM25)-SIM scan exhibited acceptable %Ds and RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Surrogates – Surrogate %REC values were within the QC acceptance limits for the full scan with the exception of terphenyl-d14 in sample 19MW4 and phenol-d5 in samples 19MW1, 19MW4, and 19MW6.

Qualification: Non-detect results for benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, di-n-octylphthalate, and 3,3'-dichlorobenzidine in sample 19MW4 were qualified as estimated (UJ). Non-detect results for phenol, bis(2-chloroethyl)ether, aniline, 2-chlorophenol, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, 2-methylphenol, bis(2-chloroisopropyl)ether, n-nitrosodi-n-propylamine, 3&4-methylphenol, acetophenone, hexachloroethane in samples 19MW1, 19MW4, and 19MW6 were qualified as estimated (UJ).

– Surrogate %REC values were within the QC acceptance limits for the SIM scan with the exception of terphenyl-d14 in samples 19MW1 and 19MW4 and phenol-d5 in samples 19MW1, 19MW4, and 19MW6.

Qualification: Non-detect results for benz(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(ghi)perylene in samples 19MW1, 19MW4, and 19MW6 were qualified as estimated (UJ).

Internal Standard (IS) Area Performance – All samples exhibited acceptable area count for all six internal standards.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE69284 BLANK)-SIM Scan associated with the water samples extracted on 12/03/2019 and analyzed on 12/05/2019 was free of contamination.

Qualification: None required.

– Method Blank (CE69284 BLANK)-full Scan associated with the water samples extracted on 12/03/2019 and analyzed on 12/05/2019 was free of contamination.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – No sample from this SDG was analyzed for SVOCs as MS/MSD.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)}$$

C_x = concentration of analyte as ug/L

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF = 1

V = Volume for liquids in ml, weight for soils/solids in grams.

VE = final volume of concentrated extract

Sample: 19MW7 (CE70329)

Benz(a)anthracene

Initial Volume: 1000ml

Final volume: 1ml

Volume injected: 1 μ l

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{15947 \times 4 \times 1\text{ml} \times 1 \times 1000}{979309 \times 1.555 \times 1 \times 1000\text{ml}} = 0.042\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Benz(a)anthracene	0.04	0.04	0.0

Data Review Summary –The SVOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Semi-Volatile water data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE70326 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE70326
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/30/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19MW1	CE70326	12/02/2019	VOC	GW
19MW4	CE70327	12/02/2019	VOC	GW
19MW6	CE70328	12/02/2019	VOC	GW
19MW7	CE70329	12/02/2019	VOC	GW
19MW8	CE70330	12/02/2019	VOC	GW
TRIP BLANK	CE70331	12/02/2019	VOC	Trip Blank

Summary - Data validation was performed on the data for five (5) groundwater (GW) samples and one (1) trip blank (TB) sample that were collected from 69-02 Queens Blvd, Queens, NY on 12/02/2019 and submitted for Volatile Organic (VOC) analyses by SW846 Method 8260C. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 12/03/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times –All samples were analyzed within the 14-day holding time required for GW samples.

Qualification: None required.

GC/MS Tuning - All BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration - Initial calibration curve analyzed on 11/20/2019 (CHEM17) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Continuing Calibration Verification (CCV) - The %D for the CCVs analyzed and reported with these samples on 12/03/2019 were within acceptance limits for all target VOCs.

Qualification: None required.

Surrogates – Surrogate percent recoveries were within the control limits for all the samples.

Qualification: None required.

Internal Standard (IS) Area Performance – Samples exhibited acceptable area counts for all internal standards.

Qualification: None required.

MS/MSD – MS/MSD were not performed on a sample from this SDG.

Qualification: None required.

Method Blank – The method blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Field Blanks – Trip Blank (Lab Sample ID: CE70331), was submitted with this sample set and was free of contamination.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

Qualification: None required.

– Sample compound spectra were compared against the laboratory standard spectra.

Qualification: None required.

Compound Quantitation – Analyte non-detections were reported as “U”; these results should be considered the equivalent of “RL U.” Analyte detections below the PQL were reported as J qualified results. These J qualifiers were retained unless superseded by a more severe qualifier.

Qualification: None required.

– All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)}$$

C_x = concentration of analyte as µg/L

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF= 1

V= Volume for liquids in ml, weight for soils/solids in grams.

19MW6 (CE70328)

Acetone

Sample Volume= 25ml

Volume purged=25ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{10023 \times 25 \times 10 \times 1}{297942 \times 0.048 \times 25} = 7.01 \mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Acetone	7.0	7.0	0.0

Data Review Summary –The VOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Volatile water data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE70326 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
POLYCHLORINATED BIPHENYLS (PCBs)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE70326
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/30/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19MW1	CE70326	12/02/2019	PCBs	GW
19MW4	CE70327	12/02/2019	PCBs	GW
19MW6	CE70328	12/02/2019	PCBs	GW
19MW7	CE70329	12/02/2019	PCBs	GW
19MW8	CE70330	12/02/2019	PCBs	GW

Summary - Data validation was performed on the data for five (5) groundwater (GW) samples that were collected from 69-02 Queens Blvd, Queens, NY on 12/02/2019 and submitted for PCBs by SW-846 Method 8082A. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 12/03/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/25/2019 (ECD24) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 12/05/19 exhibited acceptable %Ds for all compounds.

Qualification: None required.

Surrogates – All surrogates %RECs values for all water samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE70326 BL) associated with the water samples extracted on 12/04/2019 and analyzed on 12/05/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE70326 were analyzed on 12/05/2019. All %RECs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – No sample from this SDG was analyzed as MS/MSD.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

CE70326 LCS

Aroclor-1016

On Column concentration (B)= 463.244ng

Sample Volume= 1000ml

DF= 1

Vi= 5ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{463.244\text{ng} \times 5\text{ml} \times 1}{1000} = 2.32\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Aroclor-1016	2.32	2.32	0.0

Data Review Summary – The PCBs results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
 - Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE70326 at the end of the data validation report.
- Note: Field duplicate results were not reported in the EDD or in the data summary table.

DATA USABILITY SUMMARY REPORT (DUSR)
PESTICIDES

USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE70326
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/30/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19MW1	CE70326	12/02/2019	Pesticides	GW
19MW4	CE70327	12/02/2019	Pesticides	GW
19MW6	CE70328	12/02/2019	Pesticides	GW
19MW7	CE70329	12/02/2019	Pesticides	GW
19MW8	CE70330	12/02/2019	Pesticides	GW

Summary - Data validation was performed on the data for five (5) groundwater (GW) samples that were collected from 69-02 Queens Blvd, Queens, NY on 12/02/2019 and submitted for Pesticides by SW-846 Method 8081 in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 12/03/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction.

Qualification: None required.

GC/ECD Instrument Performance Check – 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$).

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 12/04/2019 (ECD35) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 12/05/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

– All CCVs analyzed on 12/05-06/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

Surrogates – All surrogates %RECs values for water samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE70326 BL) associated with the water samples extracted on 12/04/2019 and analyzed on 12/05/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE70326 LCS was analyzed on 12/06/2019. All %RECs/RPDs were within the laboratory control limits with the exception of beta-BHC (147% and 156% %R), delta-BHC (65.1% RPD), dieldrin (22.5% RPD), endosulfan sulfate (25% RPD), 4,4'-DDT (28.6% RPD), endrin ketone (41.4% RPD), and gamma-chlordane (22.5% RPD). Results for beta-BHC, delta-BHC, dieldrin, endosulfan sulfate, 4,4'-DDT, endrin ketone, and gamma-chlordane were non-detect in the associated samples.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – No sample from this SDG was analyzed as MS/MSD.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

CE70326 LCS

Alpha-BHC

On Column concentration (A)= 46.0065ng

Sample Volume= 1000ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{46.0065\text{ng} \times 1\text{ml}}{1000} = 0.0460\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Alpha-BHC	0.046	0.046	0.0

Data Review Summary – The pesticide results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE70326 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS (1,4-DIOXANE)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE70326
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/30/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19MW1	CE70326	12/02/2019	SVOC	GW
19MW4	CE70327	12/02/2019	SVOC	GW
19MW6	CE70328	12/02/2019	SVOC	GW
19MW7	CE70329	12/02/2019	SVOC	GW
19MW8	CE70330	12/02/2019	SVOC	GW

Summary - Data validation was performed on the data for five (5) groundwater (GW) samples that were collected from 69-02 Queens Blvd, Queens, NY on 12/02/2019 and submitted for Semi-Volatile Organic (SVOC) analyses for 1,4-dioxane by SW846 Method 8270C. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 12/03/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning – All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/11/2019 (CHEM22)- Scan for 1,4-dioxane exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Continuing Calibration Verification (CCV) – CCV analyzed on 12/05/2019 (CHEM22)-scan for 1,4-dioxane exhibited acceptable %Ds and RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Surrogates – All surrogate %REC values were within the QC acceptance limits for the SIM scan.

Qualification: None required.

Internal Standard (IS) Area Performance – All samples exhibited acceptable area count for the internal standard for 1,4-dioxane.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE69269 BLANK)-Scan for 1,4-dioxane associated with the water samples extracted on 12/03/2019 and analyzed on 12/05/2019 was free of contamination.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – MS/MSD were not performed on a sample from this SDG.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)}$$

C_x = concentration of analyte as ug/L

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF = 1

V = Volume for liquids in ml, weight for soils/solids in grams.

VE = final volume of concentrated extract

Sample: 19MW8 (CE70330)

1,4-Dioxane

Initial Volume: 100ml

Final volume: 1ml

Volume injected: 1µl

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{3531 \times 5 \times 1\text{ml} \times 1 \times 100}{297230 \times 0.207 \times 1 \times 100\text{ml}} = 0.287\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
1,4-Dioxane	0.29	0.29	0.0

Data Review Summary –The 1,4-dioxane results reported in this SDG are acceptable as reported and may be used for their intended purpose.

–1,4-Dioxane water data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE70326 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
TRACE METALS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE70326
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/31/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19MW1	CE70326	12/02/2019	Metals	GW
19MW4	CE70327	12/02/2019	Metals	GW
19MW6	CE70328	12/02/2019	Metals	GW
19MW7	CE70329	12/02/2019	Metals	GW
19MW8	CE70330	12/02/2019	Metals	GW

Summary - Data validation was performed on the data for five (5) groundwater (GW) samples that were collected from 69-02 Queens Blvd, Queens, NY on 12/02/2019 and submitted for the following analyses:

- 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
- 1.2 Mercury by SW-846 Method 7471A.
- 1.3 Trace Metals-ICP-MS by SW-846 Method 6020.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 12/03/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All water samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES and MS.

Qualification: None required.

– All water samples were digested and analyzed within the 28 days holding times for Mercury analysis.

Qualification: None required.

Initial and Continuing Calibration Verification (ICV and CCV) – ICP-AES – All %RECs in the ICV and CCVs were within QC limits for the total metals.

Qualification: None required.

– All %RECs in the ICV and CCVs were within QC limits for the dissolved metals.

Qualification: None required.

Mercury – All correlation coefficient for dissolved Mercury calibration curve analyzed were ≤ 0.995 .

Qualification: None required.

– All ICVs and CCVs dissolved %REC values were within the QC limits.

Qualification: None required.

– All correlation coefficient for total Mercury calibration curve analyzed were ≤ 0.995 .

Qualification: None required.

– All ICVs and CCVs total %REC values were within the QC limits.

Qualification: None required.

CRQL Check Standard (CRI) – Dissolved copper (64.4%) was outside the control limits. Remaining dissolved CRI analyzed %RECs were within the control limits.

Qualification: Dissolved copper results were qualified as estimated non-detect (UJ) in samples 19MW1, 19MW4, and 19MW7 and was qualified as estimated bias low (J-) in samples 19MW6 and 19MW8.

– Total copper (64.4%) was outside the CRI control limits for CRI. Remaining total CRI analyzed %RECs were within the control limits.

Qualification: Results for total copper in samples 19MW1, 19MW4, 19MW6, and 19MW8 were qualified as estimated bias low (J-). Non-detect result for total copper in sample 19MW7 was qualified as estimated (UJ).

ICP-AES Interference Check Sample – All %REC values were within the QC limits for ICSA and ICSAB for both total and dissolved metals.

Qualification: None required.

Blanks (Method Blank, ICB and CCB) – MS Method Blank-dissolved (CE70326 BLK) digested on 12/03/2019 was free of contamination.

Qualification: None required.

– Mercury Method Blank-dissolved (CE70327 BLK) digested on 12/04/2019 was free of contamination.

Qualification: None required.

– ICP-AES Method Blank-dissolved (CE70329 BLK) digested on 12/03/2019 was free of contamination.

Qualification: None required.

- Dissolved ICB and CCBs contained arsenic, calcium, and nickel. Results for calcium and nickel in the field samples were greater than the blank concentration.

Qualification: Dissolved arsenic in samples 19MW7, 19MW6, and 19MW8 were qualified as non-detect (U).

- ICP-AES Method Blank-Total (CE69275 BLK) digested on 12/03/2019 was free of contamination.

Qualification: None required.

- MS Method Blank-Total (CE70326 BLK) digested on 12/03/2019 was free of contamination.

Qualification: None required.

- Mercury Method Blank-Total (CE70572 BLK) digested on 12/04/2019 was free of contamination.

Qualification: None required.

- All total ICB and CCBs contained arsenic (2 ug/L), aluminum (2.5 ug/L; 12/4 18:12), nickel. Results for total aluminum and nickel were greater than the blank concentration.

Qualification: Results for arsenic in samples 19MW4, 19MW6, and 19MW7 were qualified as non-detect (U).

Field Blank (FB) and Equipment Blank (EB) – Field Blanks were not submitted with this SDG.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – ICP-AES, MS, and Mercury – Laboratory Control Sample %RECs were within the laboratory control limits for dissolved metals.

Qualification: None required.

- Laboratory Control Sample %RECs were within the laboratory control limits for total metals.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) –Mercury – Matrix Spike (MS) was performed on dissolved sample 19MW4 (CE70327). %RECs were within the laboratory control limits.

Qualification: None required.

–MS – Matrix Spike (MS) was performed on dissolved sample 19MW1 (CE70326). %RECs were within the laboratory control limits.

Qualification: None required.

– ICP-AES – Matrix Spike (MS) was performed on dissolved sample 19MW7 (CE70329). %RECs were within the laboratory control limits.

Qualification: None required.

– ICP-AES and Mercury – Matrix Spike (MS) was not performed on a total sample from this SDG.

Qualification: None required.

– MS – Matrix Spike (MS) was performed on total sample 19MW1 (CE70326). %RECs were within the laboratory control limits.

Qualification: None required.

Sample Duplicate –Mercury – Laboratory Duplicate was performed on dissolved sample 19MW4 (CE70327). RPDs were inside the laboratory control limits.

Qualification: None required.

– MS – Laboratory Duplicate was performed on dissolved sample 19MW1 (CE70326). RPDs were inside the laboratory control limits.

Qualification: None required.

– ICP-AES, MS, and Mercury – Laboratory Duplicate was performed on dissolved sample 19MW7 (CE70329). RPDs were inside the laboratory control limits.

Qualification: None required.

– ICP-AES and Mercury – Laboratory Duplicate was not performed on a total sample from this SDG.

Qualification: None required.

– MS – Laboratory Duplicate was performed on total sample 19MW1 (CE70326). RPDs were inside the laboratory control limits.

Qualification: None required.

ICP-AES Serial Dilution – ICP serial dilution was performed on dissolved sample 19MW7 (CE70329). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$) with the exception of potassium (11.5%).

Qualification: Result for dissolved potassium in sample 19MW7 was qualified as estimated (J).

– ICP serial dilution was not performed on a total sample from this SDG.

Qualification: None required.

Verification of Instrumental Parameters – The following Forms were present in the data package:

- Method Detection Limits, Form- X.
- ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
- ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual calculation

Sample: 19MW1 (CE70326)

Barium

DF: 1

0.1057mg/L was reported on the raw data and the laboratory reported 0.106 mg/L on Form-I.

Data Review Summary – The dissolved and total trace metal results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Trace Metals data package requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE70326 at the end of the data validation report.



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Aluminum	1.42	mg/L		0.0024	0.020
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Iron	3.35	mg/L		0.01	0.01
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Lead	0.003	mg/L		0.001	0.002
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Magnesium	37.6	mg/L		0.01	0.010
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Aluminum	1.53	mg/L		0.0024	0.020
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Potassium	19.0	mg/L		0.1	0.1
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Silver		mg/L	U	0.001	0.005
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Arsenic - LDL	0.004	mg/L		0.001	0.004
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Barium	0.106	mg/L		0.001	0.010
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Beryllium		mg/L	U	0.001	0.001
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Cadmium		mg/L	U	0.0005	0.004
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Chromium	0.003	mg/L		0.001	0.001
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Cobalt	0.004	mg/L	J	0.001	0.005
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Copper	0.003	mg/L	J-	0.001	0.005
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Vanadium	0.005	mg/L	J	0.001	0.010
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Zinc	0.019	mg/L		0.002	0.010
19MW1 20191202	CE70326	SW6020	12/2/2019	5	Antimony		mg/L	U	0.0005	0.0030
19MW1 20191202	CE70326	SW6020	12/2/2019	5	Selenium		mg/L	U	0.0005	0.010
19MW1 20191202	CE70326	SW6010	12/2/2019	10	Manganese	2.81	mg/L		0.010	0.050
19MW1 20191202	CE70326	SW6010	12/2/2019	10	Sodium	94.9	mg/L		1.0	1.0
19MW1 20191202	CE70326	SW6010	12/2/2019	10	Calcium	247	mg/L		0.030	0.10
19MW1 20191202	CE70326	SW6020	12/2/2019	5	Thallium		mg/L	U	0.0005	0.0005
19MW1 20191202	CE70326	SW7470	12/2/2019	1	Mercury		mg/L	U	0.00015	0.0002
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Heptachlor epoxide		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Endosulfan Sulfate		ug/L	U	0.011	0.011
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Alachlor		ug/L	U	0.080	0.080
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Aldrin		ug/L	U	0.002	0.002
19MW1 20191202	CE70326	SW8081	12/2/2019	1	a-BHC		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	b-BHC		ug/L	U	0.010	0.010
19MW1 20191202	CE70326	SW8081	12/2/2019	1	d-BHC		ug/L	U	0.010	0.010
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Endosulfan II		ug/L	U	0.011	0.011
19MW1 20191202	CE70326	SW8081	12/2/2019	1	4,4' -DDT		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	a-chlordane		ug/L	U	0.011	0.011
19MW1 20191202	CE70326	SW8081	12/2/2019	1	g-chlordane		ug/L	U	0.011	0.011
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Endrin ketone		ug/L	U	0.011	0.011
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Chlordane		ug/L	U	0.021	0.021
19MW1 20191202	CE70326	SW8081	12/2/2019	1	g-BHC (Lindane)		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Dieldrin		ug/L	U	0.002	0.002
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Endrin		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Methoxychlor		ug/L	U	0.11	0.11
19MW1 20191202	CE70326	SW8081	12/2/2019	1	4,4' -DDD		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	4,4' -DDE		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Endrin Aldehyde		ug/L	U	0.011	0.011
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Heptachlor		ug/L	U	0.005	0.005
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Toxaphene		ug/L	U	0.21	0.21
19MW1 20191202	CE70326	SW8081	12/2/2019	1	Endosulfan I		ug/L	U	0.011	0.011
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1260		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1254		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1268		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1221		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1232		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1248		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1016		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1262		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8082	12/2/2019	1	PCB-1242		ug/L	U	0.054	0.054
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Ethylbenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Styrene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW1 20191202	CE70326	SW8260	12/2/2019	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW1 20191202	CE70326	SW8260	12/2/2019	1	n-Propylbenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	n-Butylbenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	4-Chlorotoluene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Acrolein		ug/L	U	2.5	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Acrylonitrile		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Bromobenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Toluene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Chlorobenzene		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Dibromochloromethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Tetrachloroethene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	sec-Butylbenzene		ug/L	U	0.25	1.0



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Methyl t-butyl ether (MTBE)	1.7	ug/L		0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	m&p-Xylene	0.32	ug/L	J	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Carbon tetrachloride		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	2-Hexanone		ug/L	U	2.5	2.5
19MW1 20191202	CE70326	SW8260	12/2/2019	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Acetone		ug/L	U	2.5	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Chloroform		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Benzene	0.38	ug/L	J	0.25	0.70
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Bromomethane		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Chloromethane		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Dibromomethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Bromochloromethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Chloroethane		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Vinyl chloride		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Methylene chloride		ug/L	U	1.0	3.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Carbon Disulfide		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Bromoform		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Bromodichloromethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Tert-butyl alcohol	190	ug/L		10	50
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Trichloroethene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Naphthalene		ug/L	U	1.0	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	o-Xylene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	2-Chlorotoluene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
19MW1 20191202	CE70326	SW8260	12/2/2019	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
19MW1 20191202	CE70326	SW8260	12/2/2019	1	tert-Butylbenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	Isopropylbenzene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8260	12/2/2019	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
19MW1 20191202	CE70326	SW8270	12/2/2019	1	4-Nitroaniline		ug/L	U	1.6	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	4-Nitrophenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	4-Bromophenyl phenyl ether		ug/L	U	1.4	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2,4-Dimethylphenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	1,4-Dichlorobenzene		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	4-Chloroaniline		ug/L	U	2.2	3.3
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Phenol		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Pyridine		ug/L	U	1.2	9.4
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Bis(2-chloroethyl)ether		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Bis(2-chloroethoxy)methane		ug/L	U	1.3	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Di-n-octylphthalate		ug/L	UJ	1.2	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Anthracene		ug/L	U	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	1.4	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2,4-Dichlorophenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2,4-Dinitrotoluene		ug/L	U	1.9	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	1,2-Diphenylhydrazine		ug/L	U	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Pyrene		ug/L	U	1.6	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Dimethylphthalate		ug/L	U	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Dibenzofuran		ug/L	U	1.4	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Fluoranthene		ug/L	U	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Bis(2-chloroisopropyl)ether		ug/L	UJ	1.3	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2,4-Dinitrophenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	4,6-Dinitro-2-methylphenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	1,3-Dichlorobenzene		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	4-Chloro-3-methylphenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2,6-Dinitrotoluene		ug/L	U	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	N-Nitrosodi-n-propylamine		ug/L	UJ	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Aniline		ug/L	UJ	3.3	3.3



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Benzoic acid		ug/L	U	9.4	24
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Hexachloroethane		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	4-Chlorophenyl phenyl ether		ug/L	U	1.6	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Hexachlorocyclopentadiene		ug/L	U	1.4	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Isophorone		ug/L	U	1.3	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Pentachloronitrobenzene		ug/L	U	2.4	2.4
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Acenaphthene		ug/L	U	1.4	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Diethyl phthalate		ug/L	U	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Di-n-butylphthalate		ug/L	U	1.3	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Benzyl butyl phthalate		ug/L	UJ	1.2	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	N-Nitrosodiphenylamine		ug/L	U	1.8	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Fluorene		ug/L	U	1.6	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Carbazole		ug/L	U	3.6	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2,4,6-Trichlorophenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2-Nitroaniline		ug/L	U	1.9	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2-Nitrophenol		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Naphthalene		ug/L	U	1.4	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2-Methylnaphthalene		ug/L	U	1.4	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2-Chloronaphthalene		ug/L	U	1.3	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	3,3'-Dichlorobenzidine		ug/L	UJ	2.2	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Benzidine		ug/L	U	2.8	4.2
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2-Methylphenol (o-cresol)		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	1,2-Dichlorobenzene		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2-Chlorophenol		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.3	3.3
19MW1 20191202	CE70326	SW8270	12/2/2019	1	2,4,5-Trichlorophenol		ug/L	U	0.94	0.94
19MW1 20191202	CE70326	SW8270	12/2/2019	1	Acetophenone		ug/L	UJ	1.5	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	3-Nitroaniline		ug/L	U	1.9	4.7
19MW1 20191202	CE70326	SW8270	12/2/2019	1	3&4-Methylphenol (m&p-cresol)		ug/L	UJ	0.94	0.94
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Hexachlorobenzene		ug/L	U	0.04	0.04
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Benz(a)anthracene		ug/L	UJ	0.02	0.02
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Benzo(a)pyrene		ug/L	UJ	0.02	0.02
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Benzo(b)fluoranthene		ug/L	UJ	0.02	0.02
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Benzo(ghi)perylene		ug/L	UJ	0.47	0.47
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Acenaphthylene		ug/L	U	0.47	0.47
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Benzo(k)fluoranthene		ug/L	UJ	0.02	0.02
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Chrysene		ug/L	UJ	0.02	0.02
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Dibenz(a,h)anthracene		ug/L	UJ	0.47	0.47
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Indeno(1,2,3-cd)pyrene		ug/L	UJ	0.02	0.02
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	N-Nitrosodimethylamine		ug/L	U	0.09	0.09
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Phenanthrene		ug/L	U	0.47	0.47
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.47	0.47
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Pentachlorophenol		ug/L	U	0.47	0.47
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	Nitrobenzene		ug/L	U	0.38	0.38
19MW1 20191202	CE70326	SW8270C-SIM	12/2/2019	1	1,4-dioxane		ug/L	U	0.20	0.20
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Aluminum	22.7	mg/L		0.0024	0.020
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Iron	4.39	mg/L		0.01	0.01
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Lead	0.002	mg/L	J	0.001	0.002
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Magnesium	25.3	mg/L		0.01	0.010
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Manganese	1.81	mg/L		0.001	0.005
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Aluminum	0.121	mg/L		0.0024	0.020
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Potassium	8.1	mg/L		0.1	0.1
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Silver		mg/L	U	0.001	0.005
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Arsenic - LDL	0.002	mg/L	U	0.001	0.004
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Barium	0.086	mg/L		0.001	0.010
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Beryllium		mg/L	U	0.001	0.001
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Cadmium		mg/L	U	0.0005	0.004
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Chromium	0.003	mg/L		0.001	0.001
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Cobalt	0.002	mg/L	J	0.001	0.005
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Copper	0.004	mg/L	J-	0.001	0.005
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Vanadium	0.006	mg/L	J	0.001	0.010
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Zinc	0.008	mg/L	J	0.002	0.010
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Calcium	103	mg/L		0.003	0.010
19MW4 20191202	CE70327	SW6020	12/2/2019	5	Antimony		mg/L	U	0.0005	0.0030
19MW4 20191202	CE70327	SW6020	12/2/2019	5	Selenium	0.002	mg/L	J	0.0005	0.010
19MW4 20191202	CE70327	SW6010	12/2/2019	10	Sodium	163	mg/L		1.0	1.0
19MW4 20191202	CE70327	SW6020	12/2/2019	5	Thallium		mg/L	U	0.0005	0.0005
19MW4 20191202	CE70327	SW7470	12/2/2019	1	Mercury		mg/L	U	0.00015	0.0002
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Heptachlor epoxide		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Endosulfan Sulfate		ug/L	U	0.011	0.011
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Alachlor		ug/L	U	0.080	0.080
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Aldrin		ug/L	U	0.002	0.002
19MW4 20191202	CE70327	SW8081	12/2/2019	1	a-BHC		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	b-BHC		ug/L	U	0.020	0.020
19MW4 20191202	CE70327	SW8081	12/2/2019	1	d-BHC		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Endosulfan II		ug/L	U	0.011	0.011
19MW4 20191202	CE70327	SW8081	12/2/2019	1	4,4' -DDT		ug/L	U	0.010	0.010
19MW4 20191202	CE70327	SW8081	12/2/2019	1	a-chlordane		ug/L	U	0.011	0.011



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW4 20191202	CE70327	SW8081	12/2/2019	1	g-chlordane		ug/L	U	0.011	0.011
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Endrin ketone		ug/L	U	0.011	0.011
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Chlordane		ug/L	U	0.021	0.021
19MW4 20191202	CE70327	SW8081	12/2/2019	1	g-BHC (Lindane)		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Dieldrin		ug/L	U	0.002	0.002
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Endrin		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Methoxychlor		ug/L	U	0.11	0.11
19MW4 20191202	CE70327	SW8081	12/2/2019	1	4,4' -DDD		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	4,4' -DDE		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Endrin Aldehyde		ug/L	U	0.011	0.011
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Heptachlor		ug/L	U	0.005	0.005
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Toxaphene		ug/L	U	0.21	0.21
19MW4 20191202	CE70327	SW8081	12/2/2019	1	Endosulfan I		ug/L	U	0.011	0.011
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1260		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1254		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1268		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1221		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1232		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1248		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1016		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1262		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8082	12/2/2019	1	PCB-1242		ug/L	U	0.053	0.053
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Ethylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Styrene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW4 20191202	CE70327	SW8260	12/2/2019	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW4 20191202	CE70327	SW8260	12/2/2019	1	n-Propylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	n-Butylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	4-Chlorotoluene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Acrolein		ug/L	U	2.5	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Acrylonitrile		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Bromobenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Toluene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Chlorobenzene		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Dibromochloromethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Tetrachloroethene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	sec-Butylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Methyl t-butyl ether (MTBE)	0.89	ug/L	J	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	m&p-Xylene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Carbon tetrachloride		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	2-Hexanone		ug/L	U	2.5	2.5
19MW4 20191202	CE70327	SW8260	12/2/2019	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Acetone		ug/L	U	2.5	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Chloroform		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Benzene		ug/L	U	0.25	0.70
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Bromomethane		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Chloromethane		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Dibromomethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Bromochloromethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Chloroethane		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Vinyl chloride		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Methylene chloride		ug/L	U	1.0	3.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Carbon Disulfide		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Bromoform		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Bromodichloromethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Tert-butyl alcohol	160	ug/L		10	50
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2-Dichloropropane		ug/L	U	0.25	1.0



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Trichloroethene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Naphthalene		ug/L	U	1.0	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	o-Xylene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	2-Chlorotoluene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
19MW4 20191202	CE70327	SW8260	12/2/2019	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
19MW4 20191202	CE70327	SW8260	12/2/2019	1	tert-Butylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	Isopropylbenzene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8260	12/2/2019	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	4-Nitroaniline		ug/L	U	1.7	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	4-Nitrophenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	4-Bromophenyl phenyl ether		ug/L	U	1.5	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2,4-Dimethylphenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	1,4-Dichlorobenzene		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	4-Chloroaniline		ug/L	U	2.3	3.5
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Phenol		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Pyridine		ug/L	U	1.2	9.9
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Bis(2-chloroethyl)ether		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Bis(2-chloroethoxy)methane		ug/L	U	1.4	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Bis(2-ethylhexyl)phthalate		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Di-n-octylphthalate		ug/L	U	1.3	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Anthracene		ug/L	U	1.6	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	1.5	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2,4-Dichlorophenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2,4-Dinitrotoluene		ug/L	U	2.0	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	1,2-Diphenylhydrazine		ug/L	U	1.6	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Pyrene		ug/L	U	1.7	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Dimethylphthalate		ug/L	U	1.5	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Dibenzofuran		ug/L	U	1.4	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Fluoranthene		ug/L	U	1.6	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Bis(2-chloroisopropyl)ether		ug/L	UJ	1.4	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2,4-Dinitrophenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	4,6-Dinitro-2-methylphenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	1,3-Dichlorobenzene		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	4-Chloro-3-methylphenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2,6-Dinitrotoluene		ug/L	U	1.6	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	N-Nitrosodi-n-propylamine		ug/L	UJ	1.6	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Aniline		ug/L	UJ	3.5	3.5
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Benzoic acid		ug/L	U	9.9	25
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Hexachloroethane		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	4-Chlorophenyl phenyl ether		ug/L	U	1.7	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Hexachlorocyclopentadiene		ug/L	U	1.5	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Isophorone		ug/L	U	1.4	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Pentachloronitrobenzene		ug/L	U	2.5	2.5
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Acenaphthene		ug/L	U	1.5	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Diethyl phthalate		ug/L	U	1.6	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Di-n-butylphthalate		ug/L	U	1.3	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Benzyl butyl phthalate		ug/L	U	1.3	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	N-Nitrosodiphenylamine		ug/L	U	1.9	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Fluorene		ug/L	U	1.6	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Carbazole		ug/L	U	3.8	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2,4,6-Trichlorophenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2-Nitroaniline		ug/L	U	2.0	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2-Nitrophenol		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Naphthalene		ug/L	U	1.4	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2-Methylnaphthalene		ug/L	U	1.5	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2-Chloronaphthalene		ug/L	U	1.4	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	3,3'-Dichlorobenzidine		ug/L	U	2.3	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Benzidine		ug/L	U	2.9	4.5
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2-Methylphenol (o-cresol)		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	1,2-Dichlorobenzene		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2-Chlorophenol		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.5	3.5
19MW4 20191202	CE70327	SW8270	12/2/2019	1	2,4,5-Trichlorophenol		ug/L	U	0.99	0.99
19MW4 20191202	CE70327	SW8270	12/2/2019	1	Acetophenone		ug/L	UJ	1.5	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	3-Nitroaniline		ug/L	U	2.0	5.0
19MW4 20191202	CE70327	SW8270	12/2/2019	1	3&4-Methylphenol (m&p-cresol)		ug/L	UJ	0.99	0.99
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Hexachlorobenzene		ug/L	U	0.04	0.04
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Benz(a)anthracene		ug/L	UJ	0.02	0.02
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Benzo(a)pyrene		ug/L	UJ	0.02	0.02
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Benzo(b)fluoranthene		ug/L	UJ	0.02	0.02



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Benzo(ghi)perylene		ug/L	UJ	0.50	0.50
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Acenaphthylene		ug/L	U	0.50	0.50
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Benzo(k)fluoranthene		ug/L	UJ	0.02	0.02
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Chrysene		ug/L	UJ	0.02	0.02
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Dibenz(a,h)anthracene		ug/L	UJ	0.50	0.50
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Indeno(1,2,3-cd)pyrene		ug/L	UJ	0.02	0.02
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	N-Nitrosodimethylamine		ug/L	U	0.10	0.10
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Phenanthrene		ug/L	U	0.50	0.50
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.50	0.50
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Pentachlorophenol		ug/L	U	0.50	0.50
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	Nitrobenzene		ug/L	U	0.40	0.40
19MW4 20191202	CE70327	SW8270C-SIM	12/2/2019	1	1,4-dioxane		ug/L	U	0.20	0.20
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Aluminum	0.692	mg/L		0.0024	0.020
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Iron	48.1	mg/L		0.01	0.01
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Lead	0.102	mg/L		0.001	0.002
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Magnesium	58.0	mg/L		0.01	0.010
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Manganese	1.34	mg/L		0.001	0.005
19MW1 20191202	CE70326	SW6010	12/2/2019	1	Nickel	0.005	mg/L		0.001	0.004
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Potassium	18.2	mg/L		0.1	0.1
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Silver		mg/L	U	0.001	0.005
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Sodium	26.8	mg/L		0.1	0.10
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Arsenic - LDL	0.002	mg/L	U	0.001	0.004
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Barium	0.390	mg/L		0.001	0.010
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Beryllium	0.001	mg/L		0.001	0.001
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Cadmium	0.001	mg/L	J	0.0005	0.004
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Chromium	0.059	mg/L		0.001	0.001
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Cobalt	0.023	mg/L		0.001	0.005
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Copper	0.070	mg/L	J-	0.001	0.005
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Vanadium	0.070	mg/L		0.001	0.010
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Zinc	0.387	mg/L		0.002	0.010
19MW6 20191202	CE70328	SW6020	12/2/2019	5	Antimony	0.0044	mg/L		0.0005	0.0030
19MW6 20191202	CE70328	SW6020	12/2/2019	5	Selenium	0.002	mg/L	J	0.0005	0.010
19MW6 20191202	CE70328	SW6010	12/2/2019	10	Calcium	285	mg/L		0.030	0.10
19MW6 20191202	CE70328	SW6020	12/2/2019	5	Thallium		mg/L	U	0.0005	0.0005
19MW6 20191202	CE70328	SW7470	12/2/2019	1	Mercury		mg/L	U	0.00015	0.0002
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Heptachlor epoxide		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Endosulfan Sulfate		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Alachlor		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Aldrin		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	a-BHC		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	b-BHC		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	d-BHC		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Endosulfan II		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8081	12/2/2019	10	4,4' -DDT		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	a-chlordane		ug/L	U	0.10	0.10
19MW6 20191202	CE70328	SW8081	12/2/2019	10	g-chlordane		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Endrin ketone		ug/L	U	0.10	0.10
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Chlordane		ug/L	U	0.20	0.20
19MW6 20191202	CE70328	SW8081	12/2/2019	10	g-BHC (Lindane)		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Dieldrin		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Endrin		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Methoxychlor		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8081	12/2/2019	10	4,4' -DDD		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	4,4' -DDE		ug/L	U	0.020	0.020
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Endrin Aldehyde		ug/L	U	0.10	0.10
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Heptachlor		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Toxaphene		ug/L	U	2.0	2.0
19MW6 20191202	CE70328	SW8081	12/2/2019	10	Endosulfan I		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1260		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1254		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1268		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1221		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1232		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1248		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1016		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1262		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8082	12/2/2019	1	PCB-1242		ug/L	U	0.051	0.051
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Ethylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Styrene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW6 20191202	CE70328	SW8260	12/2/2019	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW6 20191202	CE70328	SW8260	12/2/2019	1	n-Propylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	n-Butylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	4-Chlorotoluene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Acrolein		ug/L	U	2.5	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2-Dichloroethane		ug/L	U	0.50	0.60



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Acrylonitrile		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Bromobenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Toluene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Chlorobenzene		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Dibromochloromethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Tetrachloroethene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	sec-Butylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	m&p-Xylene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Carbon tetrachloride		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	2-Hexanone		ug/L	U	2.5	2.5
19MW6 20191202	CE70328	SW8260	12/2/2019	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Acetone	7.0	ug/L		2.5	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Chloroform		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Benzene		ug/L	U	0.25	0.70
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Bromomethane		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Chloromethane		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Dibromomethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Bromochloromethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Chloroethane		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Vinyl chloride		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Methylene chloride		ug/L	U	1.0	3.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Carbon Disulfide		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Bromoform		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Bromodichloromethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Tert-butyl alcohol		ug/L	U	10	50
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Trichloroethene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Naphthalene		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	o-Xylene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	2-Chlorotoluene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
19MW6 20191202	CE70328	SW8260	12/2/2019	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
19MW6 20191202	CE70328	SW8260	12/2/2019	1	tert-Butylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	Isopropylbenzene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8260	12/2/2019	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	4-Nitroaniline		ug/L	U	1.7	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	4-Nitrophenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	4-Bromophenyl phenyl ether		ug/L	U	1.5	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2,4-Dimethylphenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	1,4-Dichlorobenzene		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	4-Chloroaniline		ug/L	U	2.4	3.5
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Phenol		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Pyridine		ug/L	U	1.2	10
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Bis(2-chloroethoxy)methane		ug/L	U	1.4	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Di-n-octylphthalate		ug/L	U	1.3	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Anthracene		ug/L	U	1.7	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	1.5	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2,4-Dichlorophenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2,4-Dinitrotoluene		ug/L	U	2.0	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	1,2-Diphenylhydrazine		ug/L	U	1.6	5.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Pyrene		ug/L	U	1.7	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Dimethylphthalate		ug/L	U	1.6	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Dibenzofuran		ug/L	U	1.5	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Fluoranthene		ug/L	U	1.6	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Bis(2-chloroisopropyl)ether		ug/L	UJ	1.4	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2,4-Dinitrophenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	1,3-Dichlorobenzene		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	4-Chloro-3-methylphenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2,6-Dinitrotoluene		ug/L	U	1.6	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	N-Nitrosodi-n-propylamine		ug/L	UJ	1.6	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Aniline		ug/L	UJ	3.5	3.5
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Benzoic acid		ug/L	U	10	25
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Hexachloroethane		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	4-Chlorophenyl phenyl ether		ug/L	U	1.7	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Hexachlorocyclopentadiene		ug/L	U	1.5	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Isophorone		ug/L	U	1.4	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Pentachloronitrobenzene		ug/L	U	2.5	2.5
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Acenaphthene		ug/L	U	1.5	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Diethyl phthalate		ug/L	U	1.6	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Di-n-butylphthalate		ug/L	U	1.3	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Benzyl butyl phthalate		ug/L	U	1.3	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	N-Nitrosodiphenylamine		ug/L	U	1.9	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Fluorene		ug/L	U	1.7	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Carbazole		ug/L	U	3.8	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2,4,6-Trichlorophenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2-Nitroaniline		ug/L	U	2.0	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2-Nitrophenol		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Naphthalene		ug/L	U	1.5	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2-Methylnaphthalene		ug/L	U	1.5	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2-Chloronaphthalene		ug/L	U	1.4	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	3,3'-Dichlorobenzidine		ug/L	U	2.4	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Benzidine		ug/L	U	3.0	4.5
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2-Methylphenol (o-cresol)		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	1,2-Dichlorobenzene		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2-Chlorophenol		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.5	3.5
19MW6 20191202	CE70328	SW8270	12/2/2019	1	2,4,5-Trichlorophenol		ug/L	U	1.0	1.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	Acetophenone		ug/L	UJ	1.6	5.1
19MW6 20191202	CE70328	SW8270	12/2/2019	1	3-Nitroaniline		ug/L	U	2.0	5.0
19MW6 20191202	CE70328	SW8270	12/2/2019	1	3&4-Methylphenol (m&p-cresol)		ug/L	UJ	1.0	1.0
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Hexachlorobenzene		ug/L	U	0.04	0.04
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Benz(a)anthracene		ug/L	UJ	0.02	0.02
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Benzo(a)pyrene		ug/L	UJ	0.02	0.02
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Benzo(b)fluoranthene		ug/L	UJ	0.02	0.02
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Benzo(ghi)perylene		ug/L	UJ	0.51	0.51
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Acenaphthylene		ug/L	U	0.51	0.51
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Benzo(k)fluoranthene		ug/L	UJ	0.02	0.02
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Chrysene		ug/L	UJ	0.02	0.02
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Dibenz(a,h)anthracene		ug/L	UJ	0.51	0.51
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Indeno(1,2,3-cd)pyrene		ug/L	UJ	0.02	0.02
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	N-Nitrosodimethylamine		ug/L	U	0.10	0.10
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Phenanthrene		ug/L	U	0.51	0.51
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.50	0.50
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Pentachlorophenol		ug/L	U	0.51	0.51
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	Nitrobenzene		ug/L	U	0.40	0.40
19MW6 20191202	CE70328	SW8270C-SIM	12/2/2019	1	1,4-dioxane		ug/L	U	0.20	0.20
19MW4 20191202	CE70327	SW6010	12/2/2019	1	Nickel	0.007	mg/L		0.001	0.004
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Iron	0.18	mg/L		0.01	0.01
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Lead		mg/L	U	0.001	0.002
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Magnesium	47.8	mg/L		0.01	0.010
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Manganese	0.843	mg/L		0.001	0.005
19MW6 20191202	CE70328	SW6010	12/2/2019	1	Nickel	0.039	mg/L		0.001	0.004
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Potassium	25.5	mg/L		0.1	0.1
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Silver		mg/L	U	0.001	0.005
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Sodium	48.4	mg/L		0.1	0.10
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Arsenic - LDL	0.002	mg/L	U	0.001	0.004
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Barium	0.181	mg/L		0.001	0.010
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Beryllium		mg/L	U	0.001	0.001
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Cadmium		mg/L	U	0.0005	0.004
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Chromium		mg/L	U	0.001	0.001
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Cobalt		mg/L	U	0.001	0.005
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Copper		mg/L	UJ	0.001	0.005
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Vanadium		mg/L	U	0.001	0.010
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Zinc	0.004	mg/L	J	0.002	0.010
19MW7 20191202	CE70329	SW6020	12/2/2019	5	Antimony		mg/L	U	0.0005	0.0030
19MW7 20191202	CE70329	SW6020	12/2/2019	5	Selenium	0.017	mg/L		0.0005	0.010
19MW7 20191202	CE70329	SW6010	12/2/2019	10	Calcium	181	mg/L		0.030	0.10



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW7 20191202	CE70329	SW6020	12/2/2019	5	Thallium		mg/L	U	0.0005	0.0005
19MW7 20191202	CE70329	SW7470	12/2/2019	1	Mercury		mg/L	U	0.00015	0.0002
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Heptachlor epoxide		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Endosulfan Sulfate		ug/L	U	0.011	0.011
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Alachlor		ug/L	U	0.079	0.079
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Aldrin		ug/L	U	0.002	0.002
19MW7 20191202	CE70329	SW8081	12/2/2019	1	a-BHC		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	b-BHC		ug/L	U	0.020	0.020
19MW7 20191202	CE70329	SW8081	12/2/2019	1	d-BHC		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Endosulfan II		ug/L	U	0.011	0.011
19MW7 20191202	CE70329	SW8081	12/2/2019	1	4,4' -DDT		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	a-chlordane		ug/L	U	0.011	0.011
19MW7 20191202	CE70329	SW8081	12/2/2019	1	g-chlordane		ug/L	U	0.011	0.011
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Endrin ketone		ug/L	U	0.011	0.011
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Chlordane		ug/L	U	0.021	0.021
19MW7 20191202	CE70329	SW8081	12/2/2019	1	g-BHC (Lindane)		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Dieldrin		ug/L	U	0.002	0.002
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Endrin		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Methoxychlor		ug/L	U	0.11	0.11
19MW7 20191202	CE70329	SW8081	12/2/2019	1	4,4' -DDD		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	4,4' -DDE		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Endrin Aldehyde		ug/L	U	0.011	0.011
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Heptachlor		ug/L	U	0.005	0.005
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Toxaphene		ug/L	U	0.21	0.21
19MW7 20191202	CE70329	SW8081	12/2/2019	1	Endosulfan I		ug/L	U	0.011	0.011
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1260		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1254		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1268		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1221		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1232		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1248		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1016		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1262		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8082	12/2/2019	1	PCB-1242		ug/L	U	0.053	0.053
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Ethylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Styrene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW7 20191202	CE70329	SW8260	12/2/2019	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW7 20191202	CE70329	SW8260	12/2/2019	1	n-Propylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	n-Butylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	4-Chlorotoluene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Acrolein		ug/L	U	2.5	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Acrylonitrile		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Bromobenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Toluene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Chlorobenzene		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Dibromochloromethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Tetrachloroethene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	sec-Butylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	m&p-Xylene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Carbon tetrachloride		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	2-Hexanone		ug/L	U	2.5	2.5
19MW7 20191202	CE70329	SW8260	12/2/2019	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Acetone		ug/L	U	2.5	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Chloroform		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Benzene		ug/L	U	0.25	0.70
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Bromomethane		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Chloromethane		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Dibromomethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Bromochloromethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Chloroethane		ug/L	U	0.25	5.0



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Vinyl chloride		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Methylene chloride		ug/L	U	1.0	3.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Carbon Disulfide		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Bromoform		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Bromodichloromethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Tert-butyl alcohol		ug/L	U	10	50
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Trichloroethene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Naphthalene		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	o-Xylene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	2-Chlorotoluene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
19MW7 20191202	CE70329	SW8260	12/2/2019	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
19MW7 20191202	CE70329	SW8260	12/2/2019	1	tert-Butylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	Isopropylbenzene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8260	12/2/2019	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	4-Nitroaniline		ug/L	U	1.7	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	4-Nitrophenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	4-Bromophenyl phenyl ether		ug/L	U	1.5	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2,4-Dimethylphenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	4-Chloroaniline		ug/L	U	2.3	3.5
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Phenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Pyridine		ug/L	U	1.2	10
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Bis(2-chloroethyl)ether		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Bis(2-chloroethoxy)methane		ug/L	U	1.4	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Di-n-octylphthalate		ug/L	U	1.3	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Anthracene		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	1.5	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2,4-Dichlorophenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2,4-Dinitrotoluene		ug/L	U	2.0	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	1,2-Diphenylhydrazine		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Pyrene		ug/L	U	1.7	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Dimethylphthalate		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Dibenzofuran		ug/L	U	1.5	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Fluoranthene		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Bis(2-chloroisopropyl)ether		ug/L	U	1.4	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2,4-Dinitrophenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	4-Chloro-3-methylphenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2,6-Dinitrotoluene		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	N-Nitrosodi-n-propylamine		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Aniline		ug/L	U	3.5	3.5
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Benzoic acid		ug/L	U	10	25
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Hexachloroethane		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	4-Chlorophenyl phenyl ether		ug/L	U	1.7	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Hexachlorocyclopentadiene		ug/L	U	1.5	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Isophorone		ug/L	U	1.4	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Pentachloronitrobenzene		ug/L	U	2.5	2.5
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Acenaphthene		ug/L	U	1.5	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Diethyl phthalate		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Di-n-butylphthalate		ug/L	U	1.3	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Benzyl butyl phthalate		ug/L	U	1.3	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	N-Nitrosodiphenylamine		ug/L	U	1.9	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Fluorene		ug/L	U	1.7	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Carbazole		ug/L	U	3.8	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2,4,6-Trichlorophenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2-Nitroaniline		ug/L	U	2.0	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2-Nitrophenol		ug/L	UJ	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Naphthalene		ug/L	U	1.4	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2-Methylnaphthalene		ug/L	U	1.5	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2-Chloronaphthalene		ug/L	U	1.4	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	3,3'-Dichlorobenzidine		ug/L	U	2.4	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Benzidine		ug/L	U	2.9	4.5



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2-Methylphenol (o-cresol)		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2-Chlorophenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.5	3.5
19MW7 20191202	CE70329	SW8270	12/2/2019	1	2,4,5-Trichlorophenol		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	Acetophenone		ug/L	U	1.6	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	3-Nitroaniline		ug/L	U	2.0	5.0
19MW7 20191202	CE70329	SW8270	12/2/2019	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0	1.0
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Hexachlorobenzene		ug/L	U	0.04	0.04
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Benz(a)anthracene	0.04	ug/L		0.02	0.02
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Benzo(a)pyrene	0.02	ug/L		0.02	0.02
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Benzo(b)fluoranthene	0.02	ug/L		0.02	0.02
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Benzo(ghi)perylene		ug/L	U	0.50	0.50
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Acenaphthylene		ug/L	U	0.50	0.50
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Benzo(k)fluoranthene	0.03	ug/L		0.02	0.02
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Chrysene	0.04	ug/L		0.02	0.02
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Dibenz(a,h)anthracene		ug/L	U	0.50	0.50
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02	0.02
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	N-Nitrosodimethylamine		ug/L	U	0.10	0.10
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Phenanthrene		ug/L	U	0.50	0.50
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.50	0.50
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Pentachlorophenol		ug/L	U	0.60	0.60
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	Nitrobenzene		ug/L	U	0.40	0.40
19MW7 20191202	CE70329	SW8270C-SIM	12/2/2019	1	1,4-dioxane		ug/L	U	0.20	0.20
19MW7 20191202	CE70329	SW6010	12/2/2019	1	Nickel	0.003	mg/L	J	0.001	0.004
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Iron	0.96	mg/L		0.01	0.01
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Lead	0.001	mg/L	J	0.001	0.002
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Magnesium	11.8	mg/L		0.01	0.010
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Manganese	0.288	mg/L		0.001	0.005
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Nickel	0.002	mg/L	J	0.001	0.004
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Potassium	4.0	mg/L		0.1	0.1
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Silver		mg/L	U	0.001	0.005
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Sodium	6.74	mg/L		0.1	0.10
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Arsenic - LDL		mg/L	U	0.001	0.004
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Barium	0.036	mg/L		0.001	0.010
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Beryllium		mg/L	U	0.001	0.001
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Cadmium		mg/L	U	0.0005	0.004
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Chromium		mg/L	U	0.001	0.001
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Cobalt		mg/L	U	0.001	0.005
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Copper	0.003	mg/L	J-	0.001	0.005
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Vanadium	0.004	mg/L	J	0.001	0.010
19MW8 20191202	CE70330	SW6010	12/2/2019	1	Zinc	0.080	mg/L		0.002	0.010
19MW8 20191202	CE70330	SW6020	12/2/2019	5	Antimony		mg/L	U	0.0005	0.0030
19MW8 20191202	CE70330	SW6020	12/2/2019	5	Selenium	0.001	mg/L	J	0.0005	0.010
19MW8 20191202	CE70330	SW6010	12/2/2019	10	Calcium	337	mg/L		0.030	0.10
19MW8 20191202	CE70330	SW6020	12/2/2019	5	Thallium		mg/L	U	0.0005	0.0005
19MW8 20191202	CE70330	SW7470	12/2/2019	1	Mercury		mg/L	U	0.00015	0.0002
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Heptachlor epoxide		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Endosulfan Sulfate		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Alachlor		ug/L	U	0.075	0.075
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Aldrin		ug/L	U	0.002	0.002
19MW8 20191202	CE70330	SW8081	12/2/2019	1	a-BHC		ug/L	U	0.005	0.005
19MW8 20191202	CE70330	SW8081	12/2/2019	1	b-BHC		ug/L	U	0.005	0.005
19MW8 20191202	CE70330	SW8081	12/2/2019	1	d-BHC		ug/L	U	0.005	0.005
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Endosulfan II		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	4,4' -DDT		ug/L	U	0.005	0.005
19MW8 20191202	CE70330	SW8081	12/2/2019	1	a-chlordane		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	g-chlordane		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Endrin ketone		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Chlordane		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8081	12/2/2019	1	g-BHC (Lindane)		ug/L	U	0.005	0.005
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Dieldrin		ug/L	U	0.002	0.002
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Endrin		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Methoxychlor		ug/L	U	0.10	0.10
19MW8 20191202	CE70330	SW8081	12/2/2019	1	4,4' -DDD		ug/L	U	0.005	0.005
19MW8 20191202	CE70330	SW8081	12/2/2019	1	4,4' -DDE		ug/L	U	0.005	0.005
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Endrin Aldehyde		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Heptachlor		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Toxaphene		ug/L	U	0.20	0.20
19MW8 20191202	CE70330	SW8081	12/2/2019	1	Endosulfan I		ug/L	U	0.010	0.010
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1260		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1254		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1268		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1221		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1232		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1248		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1016		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1262		ug/L	U	0.050	0.050



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW8 20191202	CE70330	SW8082	12/2/2019	1	PCB-1242		ug/L	U	0.050	0.050
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Ethylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Styrene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW8 20191202	CE70330	SW8260	12/2/2019	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
19MW8 20191202	CE70330	SW8260	12/2/2019	1	n-Propylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	n-Butylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	4-Chlorotoluene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Acrolein		ug/L	U	2.5	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Acrylonitrile		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Bromobenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Toluene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Chlorobenzene		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Dibromochloromethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Tetrachloroethene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	sec-Butylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	m&p-Xylene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Carbon tetrachloride		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	2-Hexanone		ug/L	U	2.5	2.5
19MW8 20191202	CE70330	SW8260	12/2/2019	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Acetone	6.3	ug/L	U	2.5	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Chloroform		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Benzene		ug/L	U	0.25	0.70
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Bromomethane		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Chloromethane		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Dibromomethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Bromochloromethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Chloroethane		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Vinyl chloride		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Methylene chloride		ug/L	U	1.0	3.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Carbon Disulfide		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Bromoform		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Bromodichloromethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Tert-butyl alcohol		ug/L	U	10	50
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Trichloroethene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Naphthalene		ug/L	U	1.0	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	o-Xylene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	2-Chlorotoluene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
19MW8 20191202	CE70330	SW8260	12/2/2019	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
19MW8 20191202	CE70330	SW8260	12/2/2019	1	tert-Butylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	Isopropylbenzene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8260	12/2/2019	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
19MW8 20191202	CE70330	SW8270	12/2/2019	1	4-Nitroaniline		ug/L	U	1.6	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	4-Nitrophenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	4-Bromophenyl phenyl ether		ug/L	U	1.4	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2,4-Dimethylphenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	0.97	0.97



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19MW8 20191202	CE70330	SW8270	12/2/2019	1	4-Chloroaniline		ug/L	U	2.3	3.4
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Phenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Pyridine		ug/L	U	1.2	9.7
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Bis(2-chloroethyl)ether		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Bis(2-chloroethoxy)methane		ug/L	U	1.3	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Bis(2-ethylhexyl)phthalate		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Di-n-octylphthalate		ug/L	U	1.3	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Anthracene		ug/L	U	1.6	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	1.5	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2,4-Dichlorophenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2,4-Dinitrotoluene		ug/L	U	1.9	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	1,2-Diphenylhydrazine		ug/L	U	1.6	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Pyrene		ug/L	U	1.7	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Dimethylphthalate		ug/L	U	1.5	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Dibenzofuran		ug/L	U	1.4	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Fluoranthene		ug/L	U	1.6	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Bis(2-chloroisopropyl)ether		ug/L	U	1.3	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2,4-Dinitrophenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	4,6-Dinitro-2-methylphenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	4-Chloro-3-methylphenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2,6-Dinitrotoluene		ug/L	U	1.5	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	N-Nitrosodi-n-propylamine		ug/L	U	1.6	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Aniline		ug/L	U	3.4	3.4
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Benzoic acid		ug/L	U	9.7	24
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Hexachloroethane		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	4-Chlorophenyl phenyl ether		ug/L	U	1.6	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Hexachlorocyclopentadiene		ug/L	U	1.5	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Isophorone		ug/L	U	1.4	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Pentachloronitrobenzene		ug/L	U	2.4	2.4
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Acenaphthene		ug/L	U	1.5	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Diethyl phthalate		ug/L	U	1.5	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Di-n-butylphthalate		ug/L	U	1.3	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Benzyl butyl phthalate		ug/L	U	1.3	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	N-Nitrosodiphenylamine		ug/L	U	1.9	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Fluorene		ug/L	U	1.6	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Carbazole		ug/L	U	3.7	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2,4,6-Trichlorophenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2-Nitroaniline		ug/L	U	1.9	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2-Nitrophenol		ug/L	UJ	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Naphthalene		ug/L	U	1.4	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2-Methylnaphthalene		ug/L	U	1.4	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2-Chloronaphthalene		ug/L	U	1.4	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	3,3'-Dichlorobenzidine		ug/L	U	2.3	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Benzidine		ug/L	U	2.9	4.4
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2-Methylphenol (o-cresol)		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2-Chlorophenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.4	3.4
19MW8 20191202	CE70330	SW8270	12/2/2019	1	2,4,5-Trichlorophenol		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270	12/2/2019	1	Acetophenone		ug/L	U	1.5	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	3-Nitroaniline		ug/L	U	1.9	4.9
19MW8 20191202	CE70330	SW8270	12/2/2019	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	0.97	0.97
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Hexachlorobenzene		ug/L	U	0.04	0.04
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Benz(a)anthracene		ug/L	U	0.02	0.02
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Benzo(a)pyrene		ug/L	U	0.02	0.02
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Benzo(b)fluoranthene		ug/L	U	0.02	0.02
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Benzo(ghi)perylene		ug/L	U	0.49	0.49
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Acenaphthylene		ug/L	U	0.49	0.49
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Benzo(k)fluoranthene		ug/L	U	0.02	0.02
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Chrysene		ug/L	U	0.02	0.02
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Dibenz(a,h)anthracene		ug/L	U	0.49	0.49
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02	0.02
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	N-Nitrosodimethylamine		ug/L	U	0.10	0.10
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Phenanthrene		ug/L	U	0.49	0.49
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.49	0.49
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Pentachlorophenol		ug/L	U	0.49	0.49
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	Nitrobenzene		ug/L	U	0.39	0.39
19MW8 20191202	CE70330	SW8270C-SIM	12/2/2019	1	1,4-dioxane	0.29	ug/L	U	0.20	0.20
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Ethylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Styrene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	n-Propylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	n-Butylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	4-Chlorotoluene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2-Dibromoethane		ug/L	U	0.25	0.25



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCE70326**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Acrolein		ug/L	U	2.5	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Acrylonitrile		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Bromobenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Toluene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Chlorobenzene		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,4-dioxane		ug/L	U	50	100
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Dibromochloromethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Tetrachloroethene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	sec-Butylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	m&p-Xylene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Carbon tetrachloride		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	2-Hexanone		ug/L	U	2.5	2.5
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Acetone		ug/L	U	2.5	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Chloroform		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Benzene		ug/L	U	0.25	0.70
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Bromomethane		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Chloromethane		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Dibromomethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Bromochloromethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Chloroethane		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Vinyl chloride		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Methylene chloride		ug/L	U	1.0	3.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Carbon Disulfide		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Bromoform		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Bromodichloromethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Tert-butyl alcohol		ug/L	U	10	50
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Trichloroethene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Naphthalene		ug/L	U	1.0	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	o-Xylene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	2-Chlorotoluene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	tert-Butylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	Isopropylbenzene		ug/L	U	0.25	1.0
CE70331-TB 20191202	CE70331	SW8260	12/2/2019	1	p-Isopropyltoluene		ug/L	U	0.25	1.0

DATA USABILITY SUMMARY REPORT (DUSR)
Volatile Organic Compounds
Method TO-15
USEPA Level 4 Review

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE68149
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/30/19
KGS Reviewer: Sherri Pullar	Project: 3020

Lab Sample ID	Client Sample ID	Collection Date	Analysis	Matrix
CE68149	SG10	11/25/18	VOA	Air
CE68150	SG5	11/25/18	VOA	Air
CE68151	SG4	11/25/18	VOA	Air
CE68152	SG7	11/25/18	VOA	Air
CE68153	SG6	11/25/18	VOA	Air
CE68154	SG8	11/25/18	VOA	Air
CE68155	SG11	11/25/18	VOA	Air
CE68156	SG9	11/25/18	VOA	Air
CE68157	SG12	11/25/18	VOA	Air

Summary - Data validation was performed on the data for nine (9) air samples collected from 69-02 Queens Blvd, Queens, NY on 11/25/2018 and submitted for Volatile Organic (VOC) analyses by Method TO-15. Samples were analyzed and reported for VOCs. All sample results in this SDG were subjected to Level 4 data validation, which includes evaluation of preparatory batch, instrument-related QC results and calculations. The USEPA Region-II SOP # HW-31, Revision 6, June 2014, Validating Air Samples Volatile Organic Analysis of Ambient Air in Canister by Method TO-15 was used in evaluating the Volatiles data in this summary report.

Narrative and Completeness Review – The case narrative and data package were checked for completeness.

Qualification: None required.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/26/2018 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All air samples were analyzed within the method holding time for summa canisters (30 days).

Qualification: None required.

GC/MS Tuning - All BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration - Initial calibration curve analyzed on 11/17/2019 (Chem24) exhibited acceptable %RSDs ($\leq 30.0\%$) for all compounds and average RRF values (≥ 0.050) for all compounds with the exception of some compounds listed in Table 4 in SOP # HW-31, were ≥ 0.01 .

Qualification: None required.

Continuing Calibration Verification (CCV): - The %D for the CCVs analyzed and reported with these samples on 11/26/2019 were within acceptance limits with the exception of ethanol (31.8%), 1,2,4-trichlorobenzene (80.0%), hexachlorobutadiene (33.0%), benzyl chloride (sim) (28.0%), 1,4-dichlorobenzene (sim) (22.0%), 1,2,4-trichlorobenzene (sim) (81.0%), and hexachlorobutadiene (sim) (48.3%). Results for the previously mentioned compounds were not reported from this batch in samples SG5, SG6 and SG11.

Qualification: None required.

- The %D for the CCVs analyzed and reported with these samples on 11/27/2019 were within acceptance limits with the exception of trichlorofluoromethane (33.7%), 1,2,4-trichlorobenzene (45.0%), 1,4-dioxane (sim) (23.0%), and 1,2,4-trichlorobenzene (sim) (46.0%).

Qualification: Results for trichlorofluoromethane in samples SG5 and SG8 were qualified as estimated (J). Non-detect results for trichlorofluoromethane in samples SG4, SG6, and SG12 were qualified as estimated (UJ). Non-detect results for 1,2,4-trichlorobenzene and 1,4-dioxane in samples SG5, SG4, SG6, SG8, and SG12 were qualified as estimated (UJ).

- The %D for the CCVs analyzed and reported with these samples on 12/02/2019 were within acceptance limits with the exception of carbon disulfide (62.8%), 1,2,4-trichlorobenzene (28.0%), benzyl chloride (sim) (46.0%), and 1,2,4-trichlorobenzene (sim) (33.0%).

Qualification: Non-detect results for carbon disulfide, 1,2,4-trichlorobenzene, and benzyl chloride in samples SG10, SG7, SG11, and SG9 were qualified as estimated (UJ).

Surrogates – 4-Bromofluorobenzene (BFB) surrogate spike recovered within the laboratory control limits.

Qualification: None required.

Internal Standard (IS) Area Performance: - Samples exhibited acceptable area counts for all internal standards.

Qualification: None required.

LCS – 1,2,4-trichlorobenzene (62%) in LCS CE66991 were above the LCS control limits. The remaining LCS percent recoveries (%R) for the reported analytes were within control limits. Result for the previously mentioned compound was not reported from this batch in samples SG5, SG6 and SG11.

Qualification: None required.

– 1,2,4-trichlorobenzene (61%) in LCS CE68149 were above the LCS control limits. The remaining LCS percent recoveries (%R) for the reported analytes were within control limits. Results for 1,2,4-trichlorobenzene were previously qualified as estimated due to CCV criteria.

Qualification: None required.

– LCS percent recoveries (%R) in LCS CE68150 for the reported analytes were within control limits.

Qualification: None required.

Method Blank – The method blank prepared and analyzed with these samples was free of contamination.

Qualification: None required.

Canister Blank – The canister blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Field Blanks – No field blanks were included in this SDG.

Qualification: None required.

Field Duplicate — No field duplicates were included in this SDG.

Qualification: None required.

Compound Quantitation – Acetone in samples SG5, SG6, SG11, SG9, and SG12 were at 5x dilution; reporting limits were adjusted accordingly. Analyte non-detections were reported as “U”; these results should be considered the equivalent of “RL (reporting limit) U.”

Qualification: None required.

- All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

$$\text{Concentration } (\mu\text{g}/\text{m}^3) = \frac{\text{Result (ppbv)} \times \text{Molecular weight} \times \text{DF}}{24.46}$$

SG10 (CE68149)

Toluene

Result (ppbv) = 0.918

Molecular Weight @ 25°C=92.14

DF = 1

$$\text{Concentration } (\mu\text{g}/\text{m}^3) = \frac{0.918 \times 92.14 \times 1}{24.46} = 3.46 \mu\text{g}/\text{m}^3$$

Compound	Laboratory ($\mu\text{g}/\text{m}^3$)	Validation ($\mu\text{g}/\text{m}^3$)	%D
Toluene	3.46	3.46	0.0

Data Review Summary – Volatile air data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– The VOC air results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE68149 at the end of the data validation report.



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG10_20191125	CE68149	TO15	11/25/2018	1	Ethylbenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)	1.67	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Toluene	3.46	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Tetrahydrofuran		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Hexane	5.14	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Cyclohexane	2.30	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Propylene	3.13	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Tetrachloroethene	0.94	ug/m3		0.25	0.25
SG10_20191125	CE68149	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Heptane	5.45	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG10_20191125	CE68149	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	m,p-Xylene	3.20	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,3-Dichlorobenzene	1.80	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Carbon Tetrachloride	0.26	ug/m3		0.20	0.20
SG10_20191125	CE68149	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	4-Ethyltoluene	1.04	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG10_20191125	CE68149	TO15	11/25/2018	1	Ethanol	25.4	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Isopropylalcohol	3.56	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Acetone	90.9	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Benzene	1.48	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Chloromethane	1.97	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG10_20191125	CE68149	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG10_20191125	CE68149	TO15	11/25/2018	1	Trichlorofluoromethane	22.1	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Dichlorodifluoromethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Methyl Ethyl Ketone	5.51	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Trichloroethene	0.25	ug/m3		0.20	0.20
SG10_20191125	CE68149	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	o-Xylene	1.02	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	1,2,4-Trimethylbenzene	1.06	ug/m3		1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Benzyl chloride		ug/m3	UJ	1.00	1.00
SG10_20191125	CE68149	TO15	11/25/2018	1	Carbon Disulfide		ug/m3	UJ	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	UJ	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG5_20191125	CE68150	TO15	11/25/2018	5	Acetone	229	ug/m3		5.01	5.01
SG5_20191125	CE68150	TO15	11/25/2018	1	Ethylbenzene	1.52	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Benzyl chloride		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Toluene	3.34	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Tetrahydrofuran		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Hexane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Propylene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Tetrachloroethene	5.99	ug/m3		0.25	0.25
SG5_20191125	CE68150	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Heptane	1.01	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG5_20191125	CE68150	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	m,p-Xylene	5.34	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,3-Dichlorobenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Carbon Tetrachloride	0.45	ug/m3		0.20	0.20
SG5_20191125	CE68150	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG5_20191125	CE68150	TO15	11/25/2018	1	Ethanol	27.7	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Isopropylalcohol	8.08	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Benzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Chloromethane	2.17	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG5_20191125	CE68150	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Carbon Disulfide		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG5_20191125	CE68150	TO15	11/25/2018	1	Dichlorodifluoromethane	1.39	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Methyl Ethyl Ketone	10.2	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Trichloroethene		ug/m3	U	0.20	0.20
SG5_20191125	CE68150	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	o-Xylene	1.60	ug/m3		1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG5_20191125	CE68150	TO15	11/25/2018	1	Trichlorofluoromethane	7.64	ug/m3	J	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Ethylbenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Benzyl chloride		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG4_20191125	CE68151	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)	1.44	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Toluene	4.71	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Tetrahydrofuran	10.3	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Hexane	65.2	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Propylene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	UJ	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Tetrachloroethene	4.34	ug/m3		0.25	0.25
SG4_20191125	CE68151	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Heptane	25.1	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG4_20191125	CE68151	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	m,p-Xylene	1.66	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,3-Dichlorobenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Carbon Tetrachloride	0.26	ug/m3		0.20	0.20
SG4_20191125	CE68151	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Ethanol	24.9	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Isopropylalcohol	1.60	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Acetone	13.6	ug/m3		1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG4_20191125	CE68151	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Benzene	1.92	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,1,1-Trichloroethane	1.36	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Chloromethane	6.60	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG4_20191125	CE68151	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Carbon Disulfide	10.3	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG4_20191125	CE68151	TO15	11/25/2018	1	Dichlorodifluoromethane	1.04	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Methyl Ethyl Ketone	2.12	ug/m3		1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Trichloroethene	0.24	ug/m3		0.20	0.20
SG4_20191125	CE68151	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	o-Xylene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG4_20191125	CE68151	TO15	11/25/2018	1	Trichlorofluoromethane		ug/m3	UJ	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Trichlorofluoromethane	1.45	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Benzyl chloride		ug/m3	UJ	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Ethylbenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG7_20191125	CE68152	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)	1.94	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Toluene	3.80	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Tetrahydrofuran	1.44	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Hexane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Propylene	4.85	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Tetrachloroethene	0.58	ug/m3		0.25	0.25
SG7_20191125	CE68152	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Heptane	1.09	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG7_20191125	CE68152	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	m,p-Xylene	2.49	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,3-Dichlorobenzene	1.86	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Carbon Tetrachloride	0.51	ug/m3		0.20	0.20
SG7_20191125	CE68152	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Ethanol	30.7	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Isopropylalcohol	3.83	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Acetone	52.7	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG7_20191125	CE68152	TO15	11/25/2018	1	Benzene	1.65	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Chloromethane	2.11	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG7_20191125	CE68152	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Carbon Disulfide		ug/m3	UJ	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG7_20191125	CE68152	TO15	11/25/2018	1	Dichlorodifluoromethane	1.77	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Methyl Ethyl Ketone	9.20	ug/m3		1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Trichloroethene	2.28	ug/m3		0.20	0.20
SG7_20191125	CE68152	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	o-Xylene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG7_20191125	CE68152	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	UJ	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	5	Acetone	451	ug/m3		5.01	5.01
SG6_20191125	CE68153	TO15	11/25/2018	1	Ethylbenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Benzyl chloride		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG6_20191125	CE68153	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Toluene	3.80	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Tetrahydrofuran		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Hexane	1.09	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Propylene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Tetrachloroethene	7.05	ug/m3		0.25	0.25
SG6_20191125	CE68153	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Heptane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG6_20191125	CE68153	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)	1.17	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	m,p-Xylene	3.48	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,3-Dichlorobenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Carbon Tetrachloride	0.26	ug/m3		0.20	0.20
SG6_20191125	CE68153	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Ethanol	40.1	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Isopropylalcohol		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Benzene	1.22	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG6_20191125	CE68153	TO15	11/25/2018	1	Chloromethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG6_20191125	CE68153	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Carbon Disulfide	7.50	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG6_20191125	CE68153	TO15	11/25/2018	1	Dichlorodifluoromethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Methyl Ethyl Ketone	11.7	ug/m3		1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Trichloroethene		ug/m3	U	0.20	0.20
SG6_20191125	CE68153	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	o-Xylene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG6_20191125	CE68153	TO15	11/25/2018	1	Trichlorofluoromethane		ug/m3	UJ	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	UJ	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Ethylbenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Benzyl chloride		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG8_20191125	CE68154	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)	1.89	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Toluene	3.54	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Tetrahydrofuran		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Hexane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Propylene	2.36	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Tetrachloroethene	0.92	ug/m3		0.25	0.25
SG8_20191125	CE68154	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Heptane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG8_20191125	CE68154	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	m,p-Xylene	2.16	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,3-Dichlorobenzene	1.56	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Carbon Tetrachloride	0.33	ug/m3		0.20	0.20
SG8_20191125	CE68154	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Ethanol	44.6	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Isopropylalcohol	3.51	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Acetone	43.9	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Benzene	1.45	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Chloromethane	1.36	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG8_20191125	CE68154	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG8_20191125	CE68154	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Carbon Disulfide		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG8_20191125	CE68154	TO15	11/25/2018	1	Dichlorodifluoromethane	1.15	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Methyl Ethyl Ketone	4.98	ug/m3		1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Trichloroethene		ug/m3	U	0.20	0.20
SG8_20191125	CE68154	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	o-Xylene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG8_20191125	CE68154	TO15	11/25/2018	1	Trichlorofluoromethane	1.66	ug/m3	J	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	5	Acetone	163	ug/m3		5.01	5.01
SG11_20191125	CE68155	TO15	11/25/2018	1	Ethylbenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)	2.02	ug/m3		1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG11_20191125	CE68155	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Toluene	3.58	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Tetrahydrofuran	1.37	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Hexane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Propylene	3.89	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Tetrachloroethene	1.65	ug/m3		0.25	0.25
SG11_20191125	CE68155	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Heptane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG11_20191125	CE68155	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	m,p-Xylene	2.24	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,3-Dichlorobenzene	1.53	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Carbon Tetrachloride	0.28	ug/m3		0.20	0.20
SG11_20191125	CE68155	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Ethanol	36.0	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Isopropylalcohol	8.50	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Benzene	2.21	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Chloromethane	3.24	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG11_20191125	CE68155	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG11_20191125	CE68155	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG11_20191125	CE68155	TO15	11/25/2018	1	Dichlorodifluoromethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Methyl Ethyl Ketone	6.96	ug/m3		1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Trichloroethene	0.63	ug/m3		0.20	0.20
SG11_20191125	CE68155	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	o-Xylene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Benzyl chloride		ug/m3	UJ	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Carbon Disulfide		ug/m3	UJ	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SG11_20191125	CE68155	TO15	11/25/2018	1	Trichlorofluoromethane	129	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Benzyl chloride		ug/m3	UJ	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Carbon Disulfide		ug/m3	UJ	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	5	Acetone	249	ug/m3		5.01	5.01
SG9_20191125	CE68156	TO15	11/25/2018	1	Ethylbenzene	1.04	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG9_20191125	CE68156	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)	1.50	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Toluene	6.29	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Tetrahydrofuran		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Hexane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Propylene	6.52	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Tetrachloroethene	1.00	ug/m3		0.25	0.25
SG9_20191125	CE68156	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Heptane	3.06	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SG9_20191125	CE68156	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	m,p-Xylene	3.69	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,3-Dichlorobenzene	2.36	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Carbon Tetrachloride		ug/m3	U	0.20	0.20
SG9_20191125	CE68156	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Ethanol	61.6	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Isopropylalcohol	10.6	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Chloroform	1.09	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Benzene	2.45	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Chloromethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG9_20191125	CE68156	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG9_20191125	CE68156	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SG9_20191125	CE68156	TO15	11/25/2018	1	Trichlorofluoromethane	5.24	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Dichlorodifluoromethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Methyl Ethyl Ketone	49.8	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Trichloroethene		ug/m3	U	0.20	0.20
SG9_20191125	CE68156	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	o-Xylene	1.35	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	1,2,4-Trimethylbenzene	1.11	ug/m3		1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG9_20191125	CE68156	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	5	Acetone	449	ug/m3		5.01	5.01
SG12_20191125	CE68157	TO15	11/25/2018	1	Ethylbenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Styrene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Benzyl chloride		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	n-Butylbenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Acrylonitrile		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	4-Methyl-2-pentanone(MIBK)	2.33	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Toluene	4.82	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Chlorobenzene		ug/m3	U	1.00	1.00



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG12_20191125	CE68157	TO15	11/25/2018	1	Tetrahydrofuran		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Hexane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Cyclohexane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Propylene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Tetrachloroethene	37.1	ug/m3		0.25	0.25
SG12_20191125	CE68157	TO15	11/25/2018	1	sec-Butylbenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Ethyl acetate		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Heptane	1.76	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Cis-1,2-Dichloroethene	19.8	ug/m3		0.20	0.20
SG12_20191125	CE68157	TO15	11/25/2018	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	m,p-Xylene	2.63	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,3-Dichlorobenzene	1.71	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Carbon Tetrachloride	0.29	ug/m3		0.20	0.20
SG12_20191125	CE68157	TO15	11/25/2018	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	4-Ethyltoluene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Ethanol	70.8	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Isopropylalcohol	24.0	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Chloroform		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Benzene	1.48	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Bromomethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Chloromethane	6.60	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Chloroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SG12_20191125	CE68157	TO15	11/25/2018	1	Methylene Chloride		ug/m3	U	3.00	3.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Carbon Disulfide	11.8	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Bromoform		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
AIR
SDG: GCE68149**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SG12_20191125	CE68157	TO15	11/25/2018	1	Dichlorodifluoromethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Methyl Ethyl Ketone	19.2	ug/m3		1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Trichloroethene	27.6	ug/m3		0.20	0.20
SG12_20191125	CE68157	TO15	11/25/2018	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	o-Xylene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Isopropylbenzene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	4-Isopropyltoluene		ug/m3	U	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	1,4-Dioxane		ug/m3	UJ	1.00	1.00
SG12_20191125	CE68157	TO15	11/25/2018	1	Trichlorofluoromethane		ug/m3	UJ	1.00	1.00

DATA USABILITY SUMMARY REPORT (DUSR)
TOTAL/TCLP LEAD
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE68136
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/30/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
3PB3 (12-16)	CE68136	11/25/2019	Total/TCLP Lead	Soil
2PB1 (8-12)	CE68137	11/25/2019	Total/TCLP Lead	Soil
2PB1 (12-16)	CE68138	11/25/2019	Total/TCLP Lead	Soil

Summary - Data validation was performed on the data for three (3) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/25/2019 and submitted for the following analyses:

- 1.1 Total Metals (Lead) -ICP-AES by SW-846 Method 6010C
- 1.2 TCLP Metals by SW-846 Method 1311 and SW-846 Method 6010C

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/26/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil/TCLP samples were analyzed within the 6 months holding times for lead analysis by ICP-AES.

Qualification: None required.

Initial and Continuing Calibration Verification (ICV and CCV) – ICP-AES – All %RECs in the ICV and CCVs were within QC limits for total/TCLP lead.

Qualification: None required.

CRQL Check Standard (CRI) –CRI analyzed %RECs were within the control limits for total/TCLP lead.

Qualification: None required.

ICP-AES Interference Check Sample – All %REC values were within the QC limits for ICSA and ICSAB for total/TCLP lead.

Qualification: None required.

Blanks (Method Blank, ICB and CCB)

– ICP-AES Method Blank-Soil (CE68136 BLK) digested on 11/26/2019 was free of contamination for total lead.

Qualification: None required.

– All ICB and CCBs were free of contamination for total lead.

Qualification: None required.

– ICP-AES Method Blank-TCLP Soil (CE67666 BLK) digested on 11/27/2019 was free of contamination for TCLP lead.

Qualification: None required.

– ICBs and CCBs associated with the field samples were free of contamination for TCLP lead.

Qualification: None required.

Field Blank (FB) and Equipment Blank (EB) – Field Blanks were not submitted with this SDG.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – ICP-AES and TCLP – Laboratory Control Sample %RECs were within the laboratory control limits for total/TCLP lead.

Qualification: None required.

Field Duplicate –A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – ICP-AES– Matrix Spike (MS) was performed on sample 3PB3 (12-16) (CE68136). %RECs were within the laboratory control limits.

Qualification: None required.

– TCLP– Matrix Spike (MS) was not performed on a sample from this SDG.

Qualification: None required.

Sample Duplicate – ICP-AES and TCLP – ICP-AES– Laboratory Duplicate was performed on sample 3PB3 (12-16) (CE68136). RPD was inside the laboratory control limits.

Qualification: None required.

– TCLP– Laboratory Duplicate was not performed on a sample from this SDG.

Qualification: None required.

ICP-AES Serial Dilution – ICP serial dilution was performed on total sample 3PB3 (12-16) (CE68136). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$).

Qualification: None required.

– ICP serial dilution was not performed on a sample from this SDG.

Qualification: None required.

Verification of Instrumental Parameters – The following Forms were present in the data package:

- Method Detection Limits, Form- X.
- ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
- ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were $>50\%$.

Qualification: None required.

Manual calculation

Sample: 3PB3 (12-16) (CE68136)

Total Lead

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{C \times V \times DF \times 1L \times 1000g \times 1mg}{W \times S \times 1000ml \times 1 kg \times 1000ug}$$

V= 50ml
W= 0.75g
%Solids =95
DF=1.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{139.479 \text{ ug/L} \times 50 \times 1.0 \times 1 \text{L} \times 1000 \text{gx} 1 \text{mg}}{0.75 \times 0.95 \times 1000 \text{ml} \times 1 \text{ kg} \times 1000 \text{ug}} = 9.788 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Total Lead	9.8	9.8	0.0

Data Review Summary – The total/TCLP lead results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Total/TCLP lead data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE68136 at the end of the data validation report.



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE68136**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
3PB3 (12-16) 20191125	CE68136	1311/6010C	11/25/2019	1	TCLP Lead		mg/L	U	0.010	0.10
3PB3 (12-16) 20191125	CE68136	E160.3	11/25/2019	1	SOLIDS, PERCENT	95	%		0	0
3PB3 (12-16) 20191125	CE68136	SW6010	11/25/2019	1	Lead	9.8	mg/Kg		0.35	0.7
2PB1 (8-12) 20191125	CE68137	1311/6010C	11/25/2019	1	TCLP Lead	0.41	mg/L		0.010	0.10
2PB1 (8-12) 20191125	CE68137	E160.3	11/25/2019	1	SOLIDS, PERCENT	89	%		0	0
2PB1 (8-12) 20191125	CE68137	SW6010	11/25/2019	1	Lead	304	mg/Kg		0.34	0.7
2PB1 (12-16) 20191125	CE68138	1311/6010C	11/25/2019	1	TCLP Lead		mg/L	U	0.010	0.10
2PB1 (12-16) 20191125	CE68138	E160.3	11/25/2019	1	SOLIDS, PERCENT	94	%		0	0
2PB1 (12-16) 20191125	CE68138	SW6010	11/25/2019	1	Lead	2.5	mg/Kg		0.32	0.6

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66370
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/29/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B12 (0-2)	CE66370	11/22/2019	SVOC	Soil
19B12 (18-20)	CE66371	11/22/2019	SVOC	Soil

Summary - Data validation was performed on the data for two (2) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/22/2019 and submitted for Semi-Volatile Organic (SVOC) analyses by SW846 Method 8270. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning - All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/15/2019 (CHEM05) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-35A.

Qualification: None required.

Continuing Calibration Verification (CCV) – The %D for the CCVs analyzed and reported with these samples on 11/25/2019 were within acceptance limits listed in Table 2 in SOP HW-35A with the exception of hexachlorocyclopentadiene (64.8%), 2,4-dinitrophenol (51.9%), fluorene (24.4%) and benzo(a)pyrene (29.3%).

Qualification: Non-detect results for 2,4-dinitrophenol and hexachlorocyclopentadiene in samples 19B12 (0-2) and 19B12 (18-20) were qualified as estimated (UJ). Non-detect results for benzo(a)pyrene and fluorene in sample 19B12 (18-20) were qualified as

estimated (UJ). The results for benzo(a)pyrene and fluorene in sample 19B12 (0-2) were qualified as estimated (J).

Surrogates – Surrogate %R values were within the QC acceptance limits.

Qualification: None required.

Internal Standard (IS) Area Performance – Samples exhibited acceptable area count for the six internal standards.

Qualification: None required.

Method Blank (MB) – The method blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – No field blanks were submitted with this SDG.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – MS/MSD were not performed on a sample from this SDG.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%. No qualifications were required.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.
 DF = Dilution factor calculated. If no dilution is performed, DF= 1
 V= Volume for liquids in ml, weight for soils/solids in grams.
 VE= final volume of concentrated extract

Sample: 19B12 (0-2) (CE66370)

Phenanthrene

Sample weight= 15.19g
 Volume purged=1.0ml
 DF = 1
 %Solids=88

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{2259654 \times 40 \times 1 \times 1000}{2250383 \times 1.176 \times 15.19 \times 0.88} = 2555.04 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Phenanthrene	2600	2600	0.0

Data Review Summary – The SVOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Semivolatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66370 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66370
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/29/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B12 (0-2)	CE66370	11/22/2019	VOC	Soil
19B12 (18-20)	CE66371	11/22/2019	VOC	Soil
Trip Blank High	CE66372	11/22/2019	VOC	Soil
Trip Blank Low	CE66373	11/22/2019	VOC	Soil

Summary - Data validation was performed on the data for two (2) soil samples and two (2) trip blank (TB) samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/22/2019 and submitted for Volatile Organic (VOC) analyses by SW846 Method 8260C. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times –All samples were analyzed within the 14-day holding time required for soil samples.

Qualification: None required.

GC/MS Tuning - All BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration - Initial calibration curve analyzed on 11/24/2019 (CHEM14) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A with the exception of dibromochloromethane (20.7%) and bromoform (24.1%). Results for dibromochloromethane and bromoform were non-detect in the samples.

Qualification: None required.

Continuing Calibration Verification (CCV) - The %D for the CCVs analyzed and reported with these samples on 11/25/2019 were within acceptance limits for target VOCs.

Qualification: None required.

Surrogates –All surrogate percent recoveries were within the control limits.

Qualification: None required.

Internal Standard (IS) Area Performance – Samples exhibited acceptable area counts for all internal standards.

Qualification: None required.

MS/MSD – Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were not performed on a sample from this SDG.

Qualification: None required.

Method Blank – The method blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Field Blanks – Trip Blank Low (Lab Sample ID: CE66373), was submitted with this sample set. All target VOCs were non-detect in the LL TB sample.

Qualification: None required.

– Trip Blank High (Lab Sample ID: CE66372) was submitted with this sample set. All target VOCs were non-detect in the HL TB sample.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

Qualification: None required.

– Sample compound spectra were compared against the laboratory standard spectra.

Qualification: None required.

Compound Quantitation – Sample High Trip Blank required 50x dilution; reporting limits were adjusted accordingly. Analyte non-detections were reported as “U”; these results should be considered the equivalent of “PQL U.” Analyte detections below the PQL were reported as J qualified results. These J qualifiers were retained unless superseded by a more severe qualifier.

Qualification: None required.

– Sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\%Solids)}$$

C_x = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF= 1

V= Volume for liquids in ml, weight for soils/solids in grams.

19B12 (18-20) (CE66371)

Methylene chloride

Sample weight= 5.97g

Volume purged=5.0ml

DF = 1

%Solids=89

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{8599 \times 50 \times 1 \times 5}{267507 \times 0.264 \times 5.97 \times 0.89} = 5.73 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Methylene chloride	5.7	5.7	0.0

Data Review Summary –VOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Volatile soil data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66370 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
POLYCHLORINATED BIPHENYLS (PCBs)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66370
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/29/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B12 (0-2)	CE66370	11/22/2019	PCB	Soil
19B12 (18-20)	CE66371	11/22/2019	PCB	Soil

Summary - Data validation was performed on the data for two (2) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/22/2019 and submitted for PCBs by SW-846 Method 8082 in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/25/2019 (ECD1) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 11/20/2019 (ECD48) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 11/26/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 11/26/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

Surrogates – All surrogates %RECs values for all soil samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE66371 BL) associated with the soil samples extracted on 11/23/2019 and analyzed on 11/25/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE66371 were analyzed on 11/25/2019. All %RECs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 19B12 (18-20) (CE66371). All %REC/RPDs were within the laboratory control limits.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual Calculation

CE66371 LCS

Aroclor-1016

On Column concentration (B)= 451.076ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{451.076\text{ng} \times 10\text{ml} \times 5}{15.0\text{g}} = 1503.59\mu\text{g/kg}$$

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Aroclor-1016	1500	1500	0.0

Data Review Summary – The PCBs results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66370 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
PESTICIDES

USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66370
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/29/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B12 (0-2)	CE66370	11/22/2019	Pesticides	Soil
19B12 (18-20)	CE66371	11/22/2019	Pesticides	Soil

Summary - Data validation was performed on the data for two (2) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/22/2019 and submitted for Pesticides by SW-846 Method 8081 in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

GC/ECD Instrument Performance Check – 4,4'-DDT and Endrin breakdown exhibited acceptable results.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/15/2019 (ECD35) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 11/19/2019 (ECD04) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 11/25/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

– All CCVs analyzed on 11/25/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

– All CCVs analyzed on 11/25/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

Surrogates – All surrogates %RECs values for all soil samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE66371 BL) associated with the soil samples extracted on 11/23/2019 and analyzed on 11/25/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE66371 LCS was analyzed on 11/25/2019. All %RECs/RPDs were within the laboratory control limits with the exception of aldrin (30.3% RPD), 4,4'-DDE (31.8%), endosulfan sulfate (30.5%), 4,4'-DDT (31.9%), and endrin ketone (32.8%). Results for aldrin, 4,4'-DDE, endosulfan sulfate, endrin ketone, and 4,4'-DDT were non-detect in the field samples.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 19B12 (18-20) (CE66371). All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

– Sample confirmation %D was <40%.

Qualification: None required.

Manual Calculation

CE66371 LCS

Alpha-BHC

On Column concentration (A) = 37.3123ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{37.3123\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 24.8749\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-BHC	24.9	24.9	0.0

Data Review Summary – The pesticide results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66370 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS (1,4-DIOXANE)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66370
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/29/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B12 (0-2)	CE66370	11/22/2019	SVOC	Soil
19B12 (18-20)	CE66371	11/22/2019	SVOC	Soil

Summary - Data validation was performed on the data for two (2) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/22/2019 and submitted for Semi-Volatile Organic (SVOC) SIMs analysis for 1,4-dioxane by SW846 Method 8270C SIM. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning – All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/13/2019 (CHEM33)-SIM Scan for 1,4-dioxane exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Continuing Calibration Verification (CCV)– CCV analyzed on 11/24-25/2019 (CHEM29)-SIM scan for 1,4-dioxane exhibited acceptable %Ds and RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Surrogates –Surrogate %REC values were within the QC acceptance limits for the SIM scan.

Qualification: None required.

Internal Standard (IS) Area Performance – All samples exhibited acceptable area count for the internal standard for 1,4-dioxane.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB)– Method Blank (CE66247 BLANK)-Scan for 1,4-dioxane associated with the soil samples extracted on 11/23/2019 and analyzed on 11/24/2019 was free of contamination.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – MS/MSD were not performed on a sample from this SDG.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF = 1

V = Volume for liquids in ml, weight for soils/solids in grams.

VE = final volume of concentrated extract

Sample: CE66247 LCS

1,4-Dioxane

Sample weight = 15.00g

Volume purged=1.0ml
DF = 1

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{327101 \times 100 \times 1 \times 1000}{668113 \times 1.151 \times 15.00} = 2835.73 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/Kg}$)	Validation ($\mu\text{g/Kg}$)	%D
1,4-Dioxane	2835	2835	0.0

Data Review Summary –The 1,4-dioxane results reported in this SDG are acceptable as reported and may be used for their intended purpose.

–1,4-dioxane water data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66370 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
TRACE METALS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66370
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/29/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B12 (0-2)	CE66370	11/22/2019	Metals	Soil
19B12 (18-20)	CE66371	11/22/2019	Metals	Soil

Summary - Data validation was performed on the data for two (2) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/22/2019 and submitted for the following analyses:

- 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
- 1.2 Mercury by SW-846 Method 7471A.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES.

Qualification: None required.

– All soil samples were digested and analyzed within the 28 days holding times for Mercury analysis.

Qualification: None required.

Initial and Continuing Calibration Verification (ICV and CCV) – ICP-AES – All %RECs in the ICV and CCVs were within QC limits.

Qualification: None required.

Mercury – All correlation coefficient for Mercury calibration curve analyzed were ≤ 0.995 .

Qualification: None required.

– All ICVs and CCVs %REC values were within the QC limits.

Qualification: None required.

CRQL Check Standard (CRI) –Iron (168.4% and 198.4%) and mercury (5.0%) were outside the control limits. Remaining CRI analyzed %RECs were within the control limits.

Qualification: Iron results in all the samples in this SDG were qualified as estimated bias high (J+). Non-detect result for mercury was qualified as estimated (UJ) in sample 19B12 (18-20). Result for mercury was qualified estimated bias low (J-) in sample 19B12 (0-2).

ICP-AES Interference Check Sample – All %REC values were within the QC limits for ICSA and ICSAB.

Qualification: None required.

Blanks (Method Blank, ICB and CCB) – ICP-AES Method Blank-Soil (CE66246 BLK) digested on 11/22/2019 was free of contamination.

Qualification: None required.

– All ICB and CCBs were free of contamination.

Qualification: None required.

– Mercury – All ICB and CCBs were free of contamination.

Qualification: None required.

– Method Blank (CE66265 BLK) digested on 11/25/2019 was free of contamination.

Qualification: None required.

Field Blank (FB) and Equipment Blank (EB) – Field Blanks were not submitted with this SDG.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – ICP-AES and Mercury – Laboratory Control Sample %RECs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – ICP-AES and Mercury – Matrix Spike (MS) was not performed on a sample from this SDG.

Qualification: None required.

Sample Duplicate – ICP-AES and Mercury – Laboratory Duplicate was not performed on a sample from this SDG.

Qualification: None required.

ICP-AES Serial Dilution – ICP serial dilution was not performed on a sample from this SDG.

Qualification: None required.

Verification of Instrumental Parameters – The following Forms were present in the data package:

- Method Detection Limits, Form- X.
- ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
- ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual calculation

Sample: 19B12 (0-2) (CE66370)

Aluminum

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{C \times V \times DF \times 1L \times 1000g \times 1mg}{W \times S \times 1000ml \times 1 kg \times 1000ug}$$

$$V = 50ml$$

$$W = 0.78g$$

$$\% \text{Solids} = 88$$

$$DF = 10.0$$

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{11932.38ug/L \times 50 \times 10.0 \times 1L \times 1000g \times 1mg}{0.78 \times 0.88 \times 1000ml \times 1 kg \times 1000ug} = 8692 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Aluminum	8690	8690	0.0

Data Review Summary – The trace metal results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Trace Metals data package requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66370 at the end of the data validation report.



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (0-2) 20191122	CE66370	E160.3	11/22/2019	1	SOLIDS, PERCENT	88	%		0	0
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	10	Aluminum	8690	mg/Kg		7.3	36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	10	Iron	18400	mg/Kg	J+	36	36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	10	Lead	1150	mg/Kg		3.6	7.3
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	10	Manganese	611	mg/Kg		3.6	3.6
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	10	Calcium	18100	mg/Kg		34	36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Magnesium	2770	mg/Kg		3.6	3.6
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Nickel	13.7	mg/Kg		0.36	0.36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Potassium	1080	mg/Kg		2.8	7
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Silver		mg/Kg	U	0.36	0.36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Sodium	300	mg/Kg		3.1	7
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Thallium		mg/Kg	U	1.5	1.5
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Antimony		mg/Kg	U	3.6	3.6
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Arsenic	6.09	mg/Kg		0.73	0.73
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Barium	399	mg/Kg		0.36	0.7
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Beryllium	0.41	mg/Kg		0.15	0.29
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Cadmium	1.32	mg/Kg		0.36	0.36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Chromium	20.6	mg/Kg		0.36	0.36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Cobalt	12.5	mg/Kg		0.36	0.36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Copper	72.8	mg/Kg		0.36	0.7
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Vanadium	28.3	mg/Kg		0.36	0.36
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Zinc	368	mg/Kg		0.36	0.7
19B12 (0-2) 20191122	CE66370	SW6010	11/22/2019	1	Selenium		mg/Kg	U	1.2	1.5
19B12 (0-2) 20191122	CE66370	SW7471	11/22/2019	5	Mercury	0.52	mg/Kg	J-	0.04	0.07
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	a-BHC		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	b-BHC		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	d-BHC		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Endosulfan II		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Endrin ketone		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Chlordane		ug/Kg	U	37	37
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Endrin		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Methoxychlor		ug/Kg	U	37	37
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Endrin aldehyde		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Heptachlor		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Toxaphene		ug/Kg	U	150	150
19B12 (0-2) 20191122	CE66370	SW8081	11/22/2019	2	Endosulfan I		ug/Kg	U	7.4	7.4
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1260		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1254		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1268		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1221		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1232		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1248		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1016		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1262		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8082	11/22/2019	2	PCB-1242		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Ethylbenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Styrene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	n-Propylbenzene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	n-Butylbenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	4-Chlorotoluene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2-Dibromoethane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Acrolein		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2-Dichloroethane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Acrylonitrile		ug/Kg	U	0.64	25
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	4-Methyl-2-pentanone		ug/Kg	U	6.4	32
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Bromobenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Toluene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Chlorobenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	3.2	13
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.2	13
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Dibromochloromethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Tetrachloroethene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	sec-Butylbenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,3-Dichloropropane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.3	13



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	m&p-Xylene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	2-Isopropyltoluene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Carbon tetrachloride		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,1-Dichloropropene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	2-Hexanone		ug/Kg	U	6.4	32
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	2,2-Dichloropropane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.3	25
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Acetone		ug/Kg	U	6.4	32
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Chloroform		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Benzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Bromomethane		ug/Kg	U	2.5	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Chloromethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Dibromomethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Bromochloromethane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Chloroethane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Vinyl chloride		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Methylene chloride		ug/Kg	U	6.4	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Carbon Disulfide		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Bromoform		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Bromodichloromethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,1-Dichloroethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,1-Dichloroethene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Tert-butyl alcohol		ug/Kg	U	25	130
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Trichlorofluoromethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2-Dichloropropane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Methyl Ethyl Ketone		ug/Kg	U	6.4	38
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Trichloroethene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Hexachlorobutadiene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Naphthalene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	o-Xylene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	2-Chlorotoluene		ug/Kg	U	1.3	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.3	6.4



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	tert-Butylbenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	Isopropylbenzene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8260	11/22/2019	1	p-Isopropyltoluene		ug/Kg	U	0.64	6.4
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	4-Nitroaniline		ug/Kg	U	120	370
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	4-Nitrophenol		ug/Kg	U	170	370
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2,4-Dimethylphenol		ug/Kg	U	93	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	4-Chloroaniline		ug/Kg	U	170	300
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Phenol		ug/Kg	U	120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Pyridine		ug/Kg	U	92	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Di-n-octylphthalate		ug/Kg	U	97	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Hexachlorobenzene		ug/Kg	U	110	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Anthracene	450	ug/Kg		120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Pyrene	2600	ug/Kg		130	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Dimethylphthalate		ug/Kg	U	120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Dibenzofuran	110	ug/Kg	J	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benzo(ghi)perylene	830	ug/Kg		120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Indeno(1,2,3-cd)pyrene	1000	ug/Kg		120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benzo(b)fluoranthene	1300	ug/Kg		130	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Fluoranthene	3100	ug/Kg		120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benzo(k)fluoranthene	1200	ug/Kg		120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Chrysene	1600	ug/Kg		130	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2,4-Dinitrophenol		ug/Kg	UJ	260	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	75	220
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Dibenz(a,h)anthracene	240	ug/Kg		120	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benz(a)anthracene	1600	ug/Kg		130	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Aniline		ug/Kg	U	300	300
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benzoic acid		ug/Kg	U	750	1900
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Hexachloroethane		ug/Kg	U	110	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Isophorone		ug/Kg	U	100	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Acenaphthene	180	ug/Kg	J	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Di-n-butylphthalate		ug/Kg	U	99	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Phenanthrene	2600	ug/Kg		110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benzyl butyl phthalate		ug/Kg	U	97	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benzo(a)pyrene	1600	ug/Kg	J	120	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Carbazole	220	ug/Kg		150	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Hexachlorobutadiene		ug/Kg	U	140	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2-Nitrophenol		ug/Kg	U	240	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Naphthalene		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2-Chloronaphthalene		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Benzidine		ug/Kg	U	220	370
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2-Chlorophenol		ug/Kg	U	110	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Acetophenone		ug/Kg	U	120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Nitrobenzene		ug/Kg	U	130	190
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	3-Nitroaniline		ug/Kg	U	750	370
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B12 (0-2) 20191122	CE66370	SW8270C-SIM	11/22/2019	1	1,4-dioxane		ug/Kg	U	74	74
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Fluorene	170	ug/Kg	J	120	260
19B12 (0-2) 20191122	CE66370	SW8270	11/22/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2,4-Dinitrophenol		ug/Kg	UJ	260	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benzo(a)pyrene		ug/Kg	UJ	120	180
19B12 (18-20) 20191122	CE66371	E160.3	11/22/2019	1	SOLIDS, PERCENT	89	%		0	0
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	10	Aluminum	9920	mg/Kg		6.8	34



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	10	Iron	13400	mg/Kg	J+	34	34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	10	Magnesium	16500	mg/Kg		34	34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	10	Manganese	221	mg/Kg		3.4	3.4
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	10	Calcium	31300	mg/Kg		31	34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Lead	3.6	mg/Kg		0.34	0.7
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Nickel	12.4	mg/Kg		0.34	0.34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Potassium	1930	mg/Kg		2.6	7
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Silver		mg/Kg	U	0.34	0.34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Sodium	394	mg/Kg		2.9	7
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Antimony		mg/Kg	U	3.4	3.4
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Arsenic	1.10	mg/Kg		0.68	0.68
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Barium	59.5	mg/Kg		0.34	0.7
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Beryllium	0.53	mg/Kg		0.14	0.27
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Cadmium		mg/Kg	U	0.34	0.34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Chromium	17.6	mg/Kg		0.34	0.34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Cobalt	7.34	mg/Kg		0.34	0.34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Copper	13.6	mg/Kg		0.34	0.7
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Vanadium	22.2	mg/Kg		0.34	0.34
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Zinc	31.9	mg/Kg		0.34	0.7
19B12 (18-20) 20191122	CE66371	SW6010	11/22/2019	1	Selenium		mg/Kg	U	1.2	1.4
19B12 (18-20) 20191122	CE66371	SW7471	11/22/2019	5	Mercury		mg/Kg	UJ	0.04	0.07
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	a-BHC		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	b-BHC		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	d-BHC		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Endosulfan II		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	4,4'-DDT		ug/Kg	U	2.2	2.2
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Endrin ketone		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Chlordane		ug/Kg	U	37	37
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Endrin		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Methoxychlor		ug/Kg	U	37	37
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	4,4'-DDD		ug/Kg	U	2.2	2.2
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	4,4'-DDE		ug/Kg	U	2.2	2.2
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Endrin aldehyde		ug/Kg	U	7.4	7.4



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Heptachlor		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Toxaphene		ug/Kg	U	150	150
19B12 (18-20) 20191122	CE66371	SW8081	11/22/2019	2	Endosulfan I		ug/Kg	U	7.4	7.4
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1260		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1254		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1268		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1221		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1232		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1248		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1016		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1262		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8082	11/22/2019	2	PCB-1242		ug/Kg	U	74	74
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Ethylbenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Styrene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	n-Propylbenzene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	n-Butylbenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	4-Chlorotoluene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2-Dibromoethane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Acrolein		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2-Dichloroethane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Acrylonitrile		ug/Kg	U	0.47	19
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.7	24
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Bromobenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Toluene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Chlorobenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.4	9.4
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.4	9.4
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Dibromochloromethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Tetrachloroethene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	sec-Butylbenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,3-Dichloropropane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.94	9.4
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	m&p-Xylene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	2-Isopropyltoluene		ug/Kg	U	0.47	4.7



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Carbon tetrachloride		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,1-Dichloropropene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	2-Hexanone		ug/Kg	U	4.7	24
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	2,2-Dichloropropane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.94	19
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Acetone		ug/Kg	U	4.7	24
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Chloroform		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Benzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Bromomethane		ug/Kg	U	1.9	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Chloromethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Dibromomethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Bromochloromethane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Chloroethane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Vinyl chloride		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Methylene chloride	5.7	ug/Kg		4.7	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Carbon Disulfide		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Bromoform		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Bromodichloromethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,1-Dichloroethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,1-Dichloroethene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Tert-butyl alcohol		ug/Kg	U	19	94
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Trichlorofluoromethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2-Dichloropropane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.7	28
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Trichloroethene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Hexachlorobutadiene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Naphthalene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	o-Xylene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	2-Chlorotoluene		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.94	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	tert-Butylbenzene		ug/Kg	U	0.47	4.7



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	Isopropylbenzene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8260	11/22/2019	1	p-Isopropyltoluene		ug/Kg	U	0.47	4.7
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	4-Nitroaniline		ug/Kg	U	120	370
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	4-Nitrophenol		ug/Kg	U	170	370
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2,4-Dimethylphenol		ug/Kg	U	91	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Phenol		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Pyridine		ug/Kg	U	91	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	99	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Di-n-octylphthalate		ug/Kg	U	95	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Anthracene		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2,4-Dinitrotoluene		ug/Kg	U	150	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Pyrene		ug/Kg	U	130	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Dimethylphthalate		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Dibenzofuran		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Fluoranthene		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Chrysene		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Fluorene		ug/Kg	UJ	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benz(a)anthracene		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Aniline		ug/Kg	U	290	290
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benzoic acid		ug/Kg	U	740	1800
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Isophorone		ug/Kg	U	100	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Acenaphthene		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Di-n-butylphthalate		ug/Kg	U	98	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Phenanthrene		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benzyl butyl phthalate		ug/Kg	U	95	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Carbazole		ug/Kg	U	150	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Hexachlorobutadiene		ug/Kg	U	130	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2-Nitrophenol		ug/Kg	U	230	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Naphthalene		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2-Chloronaphthalene		ug/Kg	U	100	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Benzidine		ug/Kg	U	220	370
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2-Chlorophenol		ug/Kg	U	100	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Acetophenone		ug/Kg	U	110	260
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	3-Nitroaniline		ug/Kg	U	740	370
19B12 (18-20) 20191122	CE66371	SW8270	11/22/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B12 (18-20) 20191122	CE66371	SW8270C-SIM	11/22/2019	1	1,4-dioxane		ug/Kg	U	73	73
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Ethylbenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Styrene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	cis-1,3-Dichloropropene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	trans-1,3-Dichloropropene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	n-Propylbenzene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	n-Butylbenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	4-Chlorotoluene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,4-Dichlorobenzene		ug/Kg	U	25	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2-Dibromoethane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Acrolein		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2-Dichloroethane		ug/Kg	U	25	25
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Acrylonitrile		ug/Kg	U	25	1000
TB HL 20191122	CE66372	SW8260	11/22/2019	50	4-Methyl-2-pentanone		ug/Kg	U	250	1300
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,3,5-Trimethylbenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Bromobenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Toluene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Chlorobenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Tetrahydrofuran (THF)		ug/Kg	U	130	500
TB HL 20191122	CE66372	SW8260	11/22/2019	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	500
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2,4-Trichlorobenzene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,4-dioxane		ug/Kg	U	2000	2000
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Dibromochloromethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Tetrachloroethene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	sec-Butylbenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,3-Dichloropropane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	cis-1,2-Dichloroethene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	trans-1,2-Dichloroethene		ug/Kg	U	25	190
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	50	500
TB HL 20191122	CE66372	SW8260	11/22/2019	50	m&p-Xylene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	2-Isopropyltoluene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,3-Dichlorobenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Carbon tetrachloride		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,1-Dichloropropene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	2-Hexanone		ug/Kg	U	250	1300
TB HL 20191122	CE66372	SW8260	11/22/2019	50	2,2-Dichloropropane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	50	1000
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Acetone		ug/Kg	U	250	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Chloroform		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Benzene		ug/Kg	U	25	60
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,1,1-Trichloroethane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Bromomethane		ug/Kg	U	100	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Chloromethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Dibromomethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Bromochloromethane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Chloroethane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Vinyl chloride		ug/Kg	U	25	25
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Methylene chloride		ug/Kg	U	100	100
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Carbon Disulfide		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Bromoform		ug/Kg	U	50	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Bromodichloromethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,1-Dichloroethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,1-Dichloroethene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Tert-butyl alcohol		ug/Kg	U	1000	5000
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Trichlorofluoromethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Dichlorodifluoromethane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Trichlorotrifluoroethane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2-Dichloropropane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Methyl Ethyl Ketone		ug/Kg	U	120	120
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,1,2-Trichloroethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Trichloroethene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2,3-Trichlorobenzene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Hexachlorobutadiene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Naphthalene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	o-Xylene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	2-Chlorotoluene		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2-Dichlorobenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2,4-Trimethylbenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	50	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	1,2,3-Trichloropropane		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	tert-Butylbenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	Isopropylbenzene		ug/Kg	U	25	250
TB HL 20191122	CE66372	SW8260	11/22/2019	50	p-Isopropyltoluene		ug/Kg	U	25	250
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Ethylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Styrene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Acrolein		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Acrylonitrile		ug/Kg	U	0.50	20
TB LL 20191122	CE66373	SW8260	11/22/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Bromobenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Toluene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Chlorobenzene		ug/Kg	U	0.50	5.0



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
TB LL 20191122	CE66373	SW8260	11/22/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,4-dioxane		ug/Kg	U	40	75
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
TB LL 20191122	CE66373	SW8260	11/22/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	2-Hexanone		ug/Kg	U	5.0	25
TB LL 20191122	CE66373	SW8260	11/22/2019	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Acetone		ug/Kg	U	5.0	25
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Chloroform		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Benzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Bromomethane		ug/Kg	U	2.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Chloromethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Dibromomethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Bromochloromethane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Chloroethane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Vinyl chloride		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Methylene chloride		ug/Kg	U	5.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Bromoform		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66370

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Trichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Naphthalene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	o-Xylene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191122	CE66373	SW8260	11/22/2019	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66246
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/28/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B13 (0-2)	CE66246	11/21/2019	SVOC	Soil
19B13 (18-20)	CE66247	11/21/2019	SVOC	Soil
19B14 (0-2)	CE66248	11/21/2019	SVOC	Soil
19B14 (18-20)	CE66249	11/21/2019	SVOC	Soil
19B15 (0-2)	CE66250	11/21/2019	SVOC	Soil
19B15 (18-20)	CE66251	11/21/2019	SVOC	Soil
19B16 (0-2)	CE66252	11/21/2019	SVOC	Soil
19B16 (18-20)	CE66253	11/21/2019	SVOC	Soil

Summary - Data validation was performed on the data for eight (8) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/21/2019 and submitted for Semi-Volatile Organic (SVOC) analyses by SW846 Method 8270. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning - All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/08/2019 (CHEM05) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-35A.

Qualification: None required.

– Initial calibration curve analyzed on 11/15/2019 (CHEM29) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-35A.

Qualification: None required.

Continuing Calibration Verification (CCV) – The %D for the CCVs analyzed and reported with these samples on 11/25/2019 were within acceptance limits listed in Table 2 in SOP HW-35A with the exception of benzo(a)pyrene (29.3%), hexachlorocyclopentadiene (64.8%), and 2,4-dinitrophenol (51.9%).

Qualification: Non-detect results for 2,4-dinitrotoluene and hexachlorocyclopentadiene in samples 19B13 (0-2), 19B13 (18-20), 19B14 (0-2), 19B14 (18-20), 19B15 (0-2), 19B15 (18-20), and 19B16 (18-20) were qualified as estimated (UJ). Non-detect result for benzo(a)pyrene in samples 19B13 (18-20), 19B14 (18-20), 19B15 (18-20), and 19B16 (18-20) were qualified as estimated (UJ). The result for benzo(a)pyrene in samples 19B13 (0-2), 19B14 (0-2), and 19B15 (0-2) were qualified as estimated (J).

– The %D for the CCVs analyzed and reported with these samples on 11/25/2019 were within acceptance limits listed in Table 2 in SOP HW-35A with the exception benzidine (41.0%), di-n-butylphthalate (21.6%), and 2,4-dinitrophenol (60.7%).

Qualification: Non-detect results for benzidine, di-n-butylphthalate, and 2,4-dinitrophenol were qualified as estimated (UJ) in sample 19B16 (0-2).

Surrogates – Surrogate %R values were within the QC acceptance limits. Note: Surrogates were diluted out of Sample 19B16 (0-2) (at 10X dilution).

Qualification: None required.

Internal Standard (IS) Area Performance – Samples exhibited acceptable area count for the six internal standards with the exception of perylene-d12 (high) in sample 19B16 (0-2).

Qualification: Results for benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(ghi)perylene in sample 19B16 (0-2) were qualified as estimated bias high (J+).

Method Blank (MB) – The method blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – No field blanks were submitted with this SDG.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – MS/MSD were performed on sample 19B13 (0-2) (CE66246). All %RECs/RPDs were within the laboratory control limits with the exception of n-nitrosodimethylamine (29% %R and 36.6% RPD), pyridine (19% %R and 48% RPD), benzoic acid (22% %R, 70.6% RPD), 2-nitroaniline (30.2% RPD), di-n-butylphthalate (30.1% RPD), benzidine (4% and 15% %R and 122.6% RPD), and 3,3'-dichlorobenzidine (33.3% RPD). Results for 2-nitroaniline, di-n-butylphthalate, and 3,3'-dichlorobenzidine were

non-detect in the parent sample.

Qualification: The non-detect results for pyridine, benzoic acid, benzidine, and n-nitrosodimethylamine were qualified as estimated (UJ) in sample 19B13 (0-2).

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%. No qualifications were required.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF = 1

V = Volume for liquids in ml, weight for soils/solids in grams.

VE = final volume of concentrated extract

Sample: 19B13 (0-2) (CE66246)

Phenanthrene

Sample weight = 15.15g

Volume purged = 1.0ml

DF = 1

%Solids = 93

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{207975 \times 40 \times 1 \times 1000}{2014027 \times 1.176 \times 15.15 \times 0.93} = 249.30 \mu\text{g/kg}$$

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Phenanthrene	250	250	0.0

Data Review Summary – The SVOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Semivolatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66246 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66246
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/28/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B13 (0-2)	CE66246	11/21/2019	VOC	Soil
19B13 (18-20)	CE66247	11/21/2019	VOC	Soil
19B14 (0-2)	CE66248	11/21/2019	VOC	Soil
19B14 (18-20)	CE66249	11/21/2019	VOC	Soil
19B15 (0-2)	CE66250	11/21/2019	VOC	Soil
19B15 (18-20)	CE66251	11/21/2019	VOC	Soil
19B16 (0-2)	CE66252	11/21/2019	VOC	Soil
19B16 (18-20)	CE66253	11/21/2019	VOC	Soil
Trip Blank High	CE66254	11/21/2019	VOC	Soil
Trip Blank Low	CE66255	11/21/2019	VOC	Soil

Summary - Data validation was performed on the data for eight (8) soil samples and two (2) trip blank (TB) samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/21/2019 and submitted for Volatile Organic (VOC) analyses by SW846 Method 8260C. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times –All samples were analyzed within the 14-day holding time required for soil samples.

Qualification: None required.

GC/MS Tuning - All BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration - Initial calibration curve analyzed on 11/19/2019 (CHEM14) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Continuing Calibration Verification (CCV) - The %D for the CCVs analyzed and reported with these samples on 11/23/2019 were within acceptance limits for target VOCs with the exception of trans-1,3-dichloropropene (22.7%).

Qualification: Results for trans-1,3-dichloropropene were qualified as estimated (UJ) in all samples of this SDG.

Surrogates –All surrogate percent recoveries were within the control limits.

Qualification: None required.

Internal Standard (IS) Area Performance – Samples exhibited acceptable area counts for all internal standards.

Qualification: None required.

MS/MSD – Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were not performed on a sample from this SDG.

Qualification: None required.

Method Blank – The method blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Field Blanks – Trip Blank Low (Lab Sample ID: CE66255), was submitted with this sample set. All target VOCs were non-detect in the LL TB sample.

Qualification: None required.

– Trip Blank High (Lab Sample ID: CE66254) was submitted with this sample set. All target VOCs were non-detect in the HL TB sample.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

Qualification: None required.

– Sample compound spectra were compared against the laboratory standard spectra.

Qualification: None required.

Compound Quantitation –Sample High Trip Blank required 50x dilution; reporting limits were adjusted accordingly. Analyte non-detections were reported as “U”; these results should be considered the equivalent of “PQL U.” Analyte detections below the PQL were reported as J qualified results. These J qualifiers were retained unless superseded by a more severe qualifier.

Qualification: None required.

– Sample results were reported within the linear calibration range with the exception of sample 19B13 (18-20) for tetrachloroethene.

Qualification: Result for tetrachloroethene was qualified as estimated (J) in sample 19B13 (18-20).

- %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\%Solids)}$$

C_x = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF= 1

V= Volume for liquids in ml, weight for soils/solids in grams.

19B13 (0-2) (CE66246)

Acetone

Sample weight= 5.1g

Volume purged=5.0ml

DF = 50

%Solids=93

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{3703 \times 50 \times 1 \times 5}{272892 \times 0.073 \times 5.1 \times 0.93} = 9.79 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Acetone	9.8	9.8	0.0

Data Review Summary –VOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Volatile soil data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66246 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
POLYCHLORINATED BIPHENYLS (PCBs)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66246
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/28/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B13 (0-2)	CE66246	11/21/2019	PCB	Soil
19B13 (18-20)	CE66247	11/21/2019	PCB	Soil
19B14 (0-2)	CE66248	11/21/2019	PCB	Soil
19B14 (18-20)	CE66249	11/21/2019	PCB	Soil
19B15 (0-2)	CE66250	11/21/2019	PCB	Soil
19B15 (18-20)	CE66251	11/21/2019	PCB	Soil
19B16 (0-2)	CE66252	11/21/2019	PCB	Soil
19B16 (18-20)	CE66253	11/21/2019	PCB	Soil

Summary - Data validation was performed on the data for eight (8) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/21/2019 and submitted for PCBs by SW-846 Method 8082 in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/21/2019 (ECD29) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 10/30/2019 (ECD3) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 11/24-25/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 11/26/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 11/24-25/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

Surrogates – All surrogates %RECs values for all soil samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE66249 BL) associated with the soil samples extracted on 11/22/2019 and analyzed on 11/24/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE66249 were analyzed on 11/24/2019. All %RECs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 19B14 (18-20) (CE66249). All %REC/RPDs were within the laboratory control limits.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual Calculation

CE66249 LCS

Aroclor-1016

On Column concentration (B)= 445.023ng

Sample weight= 15.0g

DF= 10
Vi= 5ml
%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{445.023\text{ng} \times 10\text{ml} \times 5}{15.0\text{g}} = 1483.41\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1480	1480	0.0

Data Review Summary – The PCBs results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66246 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
PESTICIDES

USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66246
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/28/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B13 (0-2)	CE66246	11/21/2019	Pesticides	Soil
19B13 (18-20)	CE66247	11/21/2019	Pesticides	Soil
19B14 (0-2)	CE66248	11/21/2019	Pesticides	Soil
19B14 (18-20)	CE66249	11/21/2019	Pesticides	Soil
19B15 (0-2)	CE66250	11/21/2019	Pesticides	Soil
19B15 (18-20)	CE66251	11/21/2019	Pesticides	Soil
19B16 (0-2)	CE66252	11/21/2019	Pesticides	Soil
19B16 (18-20)	CE66253	11/21/2019	Pesticides	Soil

Summary - Data validation was performed on the data for eight (8) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/21/2019 and submitted for Pesticides by SW-846 Method 8081 in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

GC/ECD Instrument Performance Check – 4,4'-DDT and Endrin breakdown exhibited acceptable results.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/15/2019 (ECD35) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 11/19/2019 (ECD04) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 11/25/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

– All CCVs analyzed on 11/25/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

– All CCVs analyzed on 11/25/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

Surrogates – All surrogates %RECs values for all soil samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE66249 BL) associated with the soil samples extracted on 11/22/2019 and analyzed on 11/25/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE66249 LCS was analyzed on 11/25/2019. All %RECs/RPDs were within the laboratory control limits with the exception of methoxychlor (32.3% RPD). Results for methoxychlor were non-detect in the field samples.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 19B14 (18-20) (CE66249). All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

– Sample confirmation %D was <40%.

Qualification: None required.

Manual Calculation

CE66249 LCS

Alpha-BHC

On Column concentration (A) = 35.2377ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{35.2377\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 23.4918\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-BHC	23.5	23.5	0.0

Data Review Summary – The pesticide results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66246 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS (1,4-DIOXANE)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66246
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/28/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B13 (0-2)	CE66246	11/21/2019	SVOC	Soil
19B13 (18-20)	CE66247	11/21/2019	SVOC	Soil
19B14 (0-2)	CE66248	11/21/2019	SVOC	Soil
19B14 (18-20)	CE66249	11/21/2019	SVOC	Soil
19B15 (0-2)	CE66250	11/21/2019	SVOC	Soil
19B15 (18-20)	CE66251	11/21/2019	SVOC	Soil
19B16 (0-2)	CE66252	11/21/2019	SVOC	Soil
19B16 (18-20)	CE66253	11/21/2019	SVOC	Soil

Summary - Data validation was performed on the data for eight (8) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/21/2019 and submitted for Semi-Volatile Organic (SVOC) SIMs analysis for 1,4-dioxane by SW846 Method 8270C SIM. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning – All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/13/2019 (CHEM33)-SIM Scan for 1,4-dioxane exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Continuing Calibration Verification (CCV)– CCV analyzed on 11/24-25/2019 (CHEM29)-SIM scan for 1,4-dioxane exhibited acceptable %Ds and RRF values for

compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Surrogates – Surrogate %REC values were within the QC acceptance limits for the SIM scan.

Qualification: None required.

Internal Standard (IS) Area Performance – All samples exhibited acceptable area count for the internal standard for 1,4-dioxane.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB)– Method Blank (CE66247 BLANK)-Scan for 1,4-dioxane associated with the soil samples extracted on 11/23/2019 and analyzed on 11/24/2019 was free of contamination.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – MS/MSD were performed on sample 19B13 (18-20) (CE66247) for 1,4-Dioxane. All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF = 1

V = Volume for liquids in ml, weight for soils/solids in grams.

VE = final volume of concentrated extract

Sample: CE66247 LCS

1,4-Dioxane

Sample weight= 15.00g

Volume purged=1.0ml

DF = 1

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{327101 \times 100 \times 1 \times 1000}{668113 \times 1.151 \times 15.00} = 2835.73 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/Kg}$)	Validation ($\mu\text{g/Kg}$)	%D
1,4-Dioxane	2835	2835	0.0

Data Review Summary –The 1,4-dioxane results reported in this SDG are acceptable as reported and may be used for their intended purpose.

–1,4-dioxane water data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66246 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
TRACE METALS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE66246
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/28/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B13 (0-2)	CE66246	11/21/2019	Metals	Soil
19B13 (18-20)	CE66247	11/21/2019	Metals	Soil
19B14 (0-2)	CE66248	11/21/2019	Metals	Soil
19B14 (18-20)	CE66249	11/21/2019	Metals	Soil
19B15 (0-2)	CE66250	11/21/2019	Metals	Soil
19B15 (18-20)	CE66251	11/21/2019	Metals	Soil
19B16 (0-2)	CE66252	11/21/2019	Metals	Soil
19B16 (18-20)	CE66253	11/21/2019	Metals	Soil

Summary - Data validation was performed on the data for eight (8) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/21/2019 and submitted for the following analyses:

- 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
- 1.2 Mercury by SW-846 Method 7471A.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/22/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES.

Qualification: None required.

– All soil samples were digested and analyzed within the 28 days holding times for Mercury analysis.

Qualification: None required.

Initial and Continuing Calibration Verification (ICV and CCV) – ICP-AES – All %RECs in the ICV and CCVs were within QC limits.

Qualification: None required.

Mercury – All correlation coefficient for Mercury calibration curve analyzed were ≤ 0.995 .

Qualification: None required.

– All ICVs and CCVs %REC values were within the QC limits.

Qualification: None required.

CRQL Check Standard (CRI) –Iron (168.4% and 198.4%) and mercury (5.0%) were outside the control limits. Remaining CRI analyzed %RECs were within the control limits.

Qualification: Iron results in all the samples in this SDG were qualified as estimated bias high (J+). Non-detect results for mercury were qualified as estimated (UJ) in samples 19B13 (18-20), 19B14 (18-20), 19B15 (18-20), 19B16 (18-20). Results for mercury were qualified estimated bias low (J-) in samples 19B13 (0-2), 19B14 (0-2), 19B15 (0-2), and 19B16 (0-2).

ICP-AES Interference Check Sample – All %REC values were within the QC limits for ICSA and ICSAB.

Qualification: None required.

Blanks (Method Blank, ICB and CCB) – ICP-AES Method Blank-Soil (CE66246 BLK) digested on 11/22/2019 was free of contamination.

Qualification: None required.

– All ICB and CCBs were free of contamination.

Qualification: None required.

– Mercury – All ICB and CCBs were free of contamination.

Qualification: None required.

– Method Blank (CE66265 BLK) digested on 11/25/2019 was free of contamination.

Qualification: None required.

Field Blank (FB) and Equipment Blank (EB) – Field Blanks were not submitted with this SDG.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – ICP-AES and Mercury – Laboratory Control Sample %RECs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – ICP-AES and Mercury – Matrix Spike (MS) was performed on sample 19B13 (0-2) (GCE66246). %Rec were outside the control limits for potassium (137%), sodium (165%), lead (148%), and zinc (70.6%).

Qualification: Results for lead were qualified as estimated bias high (J+) in sample 19B13 (0-2). Result of zinc was qualified as estimated bias low (J-) in sample 19B13 (0-2). Result for potassium and sodium was qualified as estimated (J) in sample 19B13 (0-2).

Sample Duplicate – ICP-AES and Mercury – Laboratory Duplicate was performed on sample 19B13 (0-2) (GCE66246). Laboratory duplicate RPD was outside the control limits for potassium (33.2%). Potassium was previously qualified as estimated in sample 19B13 (0-2).

Qualification: None required.

ICP-AES Serial Dilution – ICP serial dilution was performed on sample 19B13 (0-2) (GCE66246). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$) with the exception of sodium (11.2%). Result for sodium was previously qualified as estimated in sample 19B13 (0-2).

Qualification: None required.

Verification of Instrumental Parameters – The following Forms were present in the data package:

- Method Detection Limits, Form- X.
- ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
- ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual calculation

Sample: 19B13 (0-2) (CE66246)

Aluminum

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{C \times V \times DF \times 1L \times 1000g \times 1mg}{W \times S \times 1000ml \times 1 kg \times 1000ug}$$

V= 50ml

W= 0.76g

%Solids =93

DF=10.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{8412.33ug/L \times 50 \times 10.0 \times 1L \times 1000g \times 1mg}{0.76 \times 0.93 \times 1000ml \times 1 kg \times 1000ug} = 5950.99 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Aluminum	5950	5950	0.0

Data Review Summary – The trace metal results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Trace Metals data package requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE66246 at the end of the data validation report.



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (0-2) 20191121	CE66246	E160.3	11/21/2019	1	SOLIDS, PERCENT	93	%		0	0
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	10	Aluminum	5950	mg/Kg		7.1	35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	10	Iron	14800	mg/Kg	J+	35	35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	10	Manganese	331	mg/Kg		3.5	3.5
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	10	Zinc	540	mg/Kg	J-	3.5	7.1
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Lead	439	mg/Kg	J+	0.35	0.7
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Magnesium	2110	mg/Kg		3.5	3.5
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Nickel	12.5	mg/Kg		0.35	0.35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Potassium	873	mg/Kg	J	2.8	7
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.35	0.35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Sodium	427	mg/Kg	J	3.0	7
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.5	3.5
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Arsenic	6.76	mg/Kg		0.71	0.71
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Barium	94.8	mg/Kg		0.35	0.7
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Beryllium	0.29	mg/Kg		0.14	0.28
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Cadmium	1.94	mg/Kg		0.35	0.35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Chromium	15.1	mg/Kg		0.35	0.35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Cobalt	6.83	mg/Kg		0.35	0.35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Copper	38.2	mg/Kg		0.35	0.7
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Vanadium	24.7	mg/Kg		0.35	0.35
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Calcium	7060	mg/Kg		3.3	3.5
19B13 (0-2) 20191121	CE66246	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.2	1.4
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	3.6	3.6
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	5.0	5.0
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	36	36
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	3.6	3.6
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Endrin		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	36	36
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.1	2.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.1	2.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	140	140
19B13 (0-2) 20191121	CE66246	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.1	7.1
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1254	87	ug/Kg		71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	71	71
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.53	21
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.3	26
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	11
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	11
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Tetrachloroethene		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.1	11
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	1.1	5.3



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	5.3	26
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	21
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Acetone	9.8	ug/Kg	J	5.3	26
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	2.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	5.3	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	21	110
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.3	32
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.84	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.1	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.53	5.3



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.53	5.3
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	120	350
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	160	350
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	88	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	170	280
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Phenol		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Pyridine		ug/Kg	UJ	87	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	96	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	98	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	92	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	100	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Anthracene		ug/Kg	U	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	120	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	UJ	140	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Pyrene	280	ug/Kg		120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Dibenzofuran		ug/Kg	U	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benzo(ghi)perylene	130	ug/Kg	J	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene	130	ug/Kg	J	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benzo(b)fluoranthene	150	ug/Kg	J	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Fluoranthene	310	ug/Kg		110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benzo(k)fluoranthene	130	ug/Kg	J	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Acenaphthylene		ug/Kg	U	99	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Chrysene	190	ug/Kg	J	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	U	250	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	71	210
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	110	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benz(a)anthracene	170	ug/Kg	J	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	110	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Aniline		ug/Kg	U	280	280



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	UJ	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	UJ	710	1800
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	99	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Acenaphthene		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	U	94	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Phenanthrene	250	ug/Kg		100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	92	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Fluorene		ug/Kg	U	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Carbazole		ug/Kg	U	140	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	130	210
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	250	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	220	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Naphthalene		ug/Kg	U	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benzidine		ug/Kg	UJ	210	350
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	120	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	190	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	110	250
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	120	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	710	350
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B13 (0-2) 20191121	CE66246	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	72	72
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Benzo(a)pyrene	170	ug/Kg	J	120	180
19B13 (0-2) 20191121	CE66246	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
19B13 (0-2) 20191121	CE66246	SW7471	11/21/2019	5	Mercury	0.35	mg/Kg	J-	0.04	0.07
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Iron	8380	mg/Kg	J+	3.7	3.7
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	UJ	140	180
19B13 (18-20) 20191121	CE66247	E160.3	11/21/2019	1	SOLIDS, PERCENT	88	%		0	0
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	10	Aluminum	3390	mg/Kg		7.4	37



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	10	Manganese	175	mg/Kg		3.7	3.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Lead	2.7	mg/Kg		0.37	0.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Magnesium	3850	mg/Kg		3.7	3.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Nickel	7.50	mg/Kg		0.37	0.37
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Potassium	580	mg/Kg		2.9	7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.37	0.37
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Sodium	161	mg/Kg		3.2	7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.5	1.5
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.7	3.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Arsenic		mg/Kg	U	0.74	0.74
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Barium	24.0	mg/Kg		0.37	0.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Beryllium	0.17	mg/Kg	J	0.15	0.30
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Cadmium		mg/Kg	U	0.37	0.37
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Chromium	6.85	mg/Kg		0.37	0.37
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Cobalt	3.81	mg/Kg		0.37	0.37
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Copper	9.1	mg/Kg		0.37	0.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Vanadium	15.2	mg/Kg		0.37	0.37
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Zinc	16.4	mg/Kg		0.37	0.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Calcium	10100	mg/Kg		3.4	3.7
19B13 (18-20) 20191121	CE66247	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.3	1.5
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	37	37
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Endrin		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	37	37
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	150	150



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (18-20) 20191121	CE66247	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.4	7.4
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1254		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,4-Dichlorobenzene	1.6	ug/Kg	J	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.51	20
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.1	25
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Tetrachloroethene	620	ug/Kg	J	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	cis-1,2-Dichloroethene	3.5	ug/Kg	J	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.1



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	5.1	25
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Acetone	7.1	ug/Kg	J	5.1	25
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	2.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	5.1	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.1	30
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Trichloroethene	10	ug/Kg		0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.51	5.1
19B13 (18-20) 20191121	CE66247	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.51	5.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	120	370
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	170	370
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	91	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Phenol		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Pyridine		ug/Kg	U	90	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	99	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	95	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Anthracene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Pyrene		ug/Kg	U	130	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Dibenzofuran		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Fluoranthene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Chrysene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benz(a)anthracene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Aniline		ug/Kg	U	290	290
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	U	740	1800
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	100	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Acenaphthene		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	U	98	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Phenanthrene		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	95	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Fluorene		ug/Kg	U	120	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Carbazole		ug/Kg	U	150	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	130	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	230	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Naphthalene		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	100	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benzidine		ug/Kg	U	220	370
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	100	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	110	260
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	740	370
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	260
19B13 (18-20) 20191121	CE66247	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	74	74
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Benzo(a)pyrene		ug/Kg	UJ	120	180
19B13 (18-20) 20191121	CE66247	SW7471	11/21/2019	5	Mercury		mg/Kg	U	0.04	0.07
19B13 (18-20) 20191121	CE66247	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	UJ	150	190
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	10	Iron	16000	mg/Kg	J+	36	36
19B14 (0-2) 20191121	CE66248	E160.3	11/21/2019	1	SOLIDS, PERCENT	88	%		0	0
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	10	Aluminum	9000	mg/Kg		7.2	36
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	10	Manganese	300	mg/Kg		3.6	3.6
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Lead	245	mg/Kg		0.36	0.7
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Magnesium	2510	mg/Kg		3.6	3.6
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Nickel	14.4	mg/Kg		0.36	0.36



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QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Potassium	1070	mg/Kg		2.8	7
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.36	0.36
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Sodium	301	mg/Kg		3.1	7
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.6	3.6
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Arsenic	4.29	mg/Kg		0.72	0.72
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Barium	113	mg/Kg		0.36	0.7
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Beryllium	0.41	mg/Kg		0.14	0.29
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Cadmium	0.48	mg/Kg		0.36	0.36
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Chromium	20.2	mg/Kg		0.36	0.36
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Cobalt	8.70	mg/Kg		0.36	0.36
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Copper	46.1	mg/Kg		0.36	0.7
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Vanadium	31.9	mg/Kg		0.36	0.36
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Zinc	119	mg/Kg		0.36	0.7
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Calcium	4130	mg/Kg		3.3	3.6
19B14 (0-2) 20191121	CE66248	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.2	1.4
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	37	37
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Endrin		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	37	37
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	150	150
19B14 (0-2) 20191121	CE66248	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.5	7.5
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1254		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	75	75



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	75	75
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.52	21
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.2	26
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	10
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	10
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Tetrachloroethene	1.8	ug/Kg	J	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	5.2	26
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	21



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Acetone	9.4	ug/Kg	J	5.2	26
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	2.1	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	5.2	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	21	100
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.2	31
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.63	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.52	5.2
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	130	380
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	170	380
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	93	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	180	300
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Phenol		ug/Kg	U	120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Pyridine		ug/Kg	U	92	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	97	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	110	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Anthracene	450	ug/Kg		120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Pyrene	1900	ug/Kg		130	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Dibenzofuran	160	ug/Kg	J	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benzo(ghi)perylene	450	ug/Kg		120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene	580	ug/Kg		120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benzo(b)fluoranthene	730	ug/Kg		130	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Fluoranthene	2200	ug/Kg		120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benzo(k)fluoranthene	670	ug/Kg		120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Acenaphthylene		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Chrysene	910	ug/Kg		130	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	75	230
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Dibenz(a,h)anthracene	150	ug/Kg	J	120	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benz(a)anthracene	980	ug/Kg		130	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Aniline		ug/Kg	U	300	300
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	U	750	1900
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	110	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	110	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Acenaphthene	220	ug/Kg	J	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	120	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	U	100	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Phenanthrene	2000	ug/Kg		110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	97	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Fluorene	200	ug/Kg	J	120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Carbazole	170	ug/Kg	J	150	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	140	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	140	230
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	240	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Naphthalene	120	ug/Kg	J	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benzidine		ug/Kg	U	220	380
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	110	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	210	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	120	260
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	130	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	750	380
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B14 (0-2) 20191121	CE66248	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	74	74
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Benzo(a)pyrene	920	ug/Kg	J	120	190
19B14 (0-2) 20191121	CE66248	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
19B14 (0-2) 20191121	CE66248	SW7471	11/21/2019	5	Mercury	0.77	mg/Kg	J-	0.04	0.07
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	10	Iron	14800	mg/Kg	J+	36	36
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	UJ	150	180
19B14 (18-20) 20191121	CE66249	E160.3	11/21/2019	1	SOLIDS, PERCENT	90	%		0	0
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	10	Aluminum	5430	mg/Kg		7.1	36
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	10	Manganese	149	mg/Kg		3.6	3.6
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Lead	3.8	mg/Kg		0.36	0.7
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Magnesium	2700	mg/Kg		3.6	3.6
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Nickel	12.4	mg/Kg		0.36	0.36
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Potassium	884	mg/Kg		2.8	7
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.36	0.36
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Sodium	261	mg/Kg		3.1	7
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.4	1.4



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.6	3.6
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Arsenic	1.45	mg/Kg		0.71	0.71
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Barium	30.9	mg/Kg		0.36	0.7
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Beryllium	0.23	mg/Kg	J	0.14	0.28
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Cadmium	0.37	mg/Kg		0.36	0.36
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Chromium	13.0	mg/Kg		0.36	0.36
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Cobalt	5.41	mg/Kg		0.36	0.36
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Copper	14.3	mg/Kg		0.36	0.7
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Vanadium	20.3	mg/Kg		0.36	0.36
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Zinc	21.5	mg/Kg		0.36	0.7
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Calcium	2110	mg/Kg		3.3	3.6
19B14 (18-20) 20191121	CE66249	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.2	1.4
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	37	37
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Endrin		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	37	37
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	150	150
19B14 (18-20) 20191121	CE66249	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.3	7.3
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1254		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	73	73



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	73	73
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.46	18
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.6	23
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.3	9.2
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.2
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Tetrachloroethene	1.5	ug/Kg	J	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.92	9.2
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	4.6	23
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.92	18
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Acetone	6.0	ug/Kg	J	4.6	23
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.46	4.6



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	1.8	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	4.6	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	18	92
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.6	28
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.92	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.46	4.6
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	120	370
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	170	370
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	91	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Phenol		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Pyridine		ug/Kg	U	91	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	99	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	95	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Anthracene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benzo(a)pyrene		ug/Kg	UJ	120	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Pyrene		ug/Kg	U	130	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Dibenzofuran		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Fluoranthene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Chrysene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benz(a)anthracene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Aniline		ug/Kg	U	290	290
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	U	740	1800
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	100	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Acenaphthene		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	U	98	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Phenanthrene		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	95	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Fluorene		ug/Kg	U	120	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Carbazole		ug/Kg	U	150	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	130	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	230	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Naphthalene		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	100	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Benzidine		ug/Kg	U	220	370
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	100	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	110	260
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	740	370
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B14 (18-20) 20191121	CE66249	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	72	72
19B14 (18-20) 20191121	CE66249	SW7471	11/21/2019	5	Mercury		mg/Kg	U	0.04	0.07
19B14 (18-20) 20191121	CE66249	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	UJ	150	190
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	10	Iron	25000	mg/Kg	J+	37	37
19B15 (0-2) 20191121	CE66250	E160.3	11/21/2019	1	SOLIDS, PERCENT	89	%		0	0
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	10	Aluminum	10800	mg/Kg		7.5	37
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	10	Manganese	634	mg/Kg		3.7	3.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Lead	146	mg/Kg		0.37	0.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Magnesium	2710	mg/Kg		3.7	3.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Nickel	20.1	mg/Kg		0.37	0.37
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Potassium	892	mg/Kg		2.9	7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.37	0.37
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Sodium	457	mg/Kg		3.2	7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.5	1.5
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.7	3.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Arsenic	16.3	mg/Kg		0.75	0.75
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Barium	75.2	mg/Kg		0.37	0.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Beryllium	0.45	mg/Kg		0.15	0.30



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Cadmium	0.81	mg/Kg		0.37	0.37
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Chromium	20.4	mg/Kg		0.37	0.37
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Cobalt	11.8	mg/Kg		0.37	0.37
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Copper	80.3	mg/Kg		0.37	0.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Vanadium	50.1	mg/Kg		0.37	0.37
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Zinc	104	mg/Kg		0.37	0.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Calcium	8130	mg/Kg		3.4	3.7
19B15 (0-2) 20191121	CE66250	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.3	1.5
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	37	37
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Endrin		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	37	37
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	9.0	9.0
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	150	150
19B15 (0-2) 20191121	CE66250	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.4	7.4
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1254		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	74	74
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.63	6.3



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.63	25
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	6.3	31
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	3.1	13
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.1	13
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Tetrachloroethene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.3	13
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	6.3	31
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.3	25
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Acetone		ug/Kg	U	6.3	31
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	2.5	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.63	6.3



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	6.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	25	130
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	6.3	38
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.3	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.63	6.3
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	120	370
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	170	370
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	92	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	170	300
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Phenol		ug/Kg	U	120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Pyridine		ug/Kg	U	91	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	96	260



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	110	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Anthracene	430	ug/Kg		120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Pyrene	2100	ug/Kg		130	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Dibenzofuran	120	ug/Kg	J	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benzo(ghi)perylene	720	ug/Kg		120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene	870	ug/Kg		120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benzo(b)fluoranthene	1100	ug/Kg		130	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Fluoranthene	2700	ug/Kg		120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benzo(k)fluoranthene	1000	ug/Kg		120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Chrysene	1300	ug/Kg		120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benzo(a)pyrene	1300	ug/Kg	J	120	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Dibenz(a,h)anthracene	210	ug/Kg		120	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benz(a)anthracene	1300	ug/Kg		120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Aniline		ug/Kg	U	300	300
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	U	740	1900
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	110	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	100	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Acenaphthene	160	ug/Kg	J	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	U	99	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Phenanthrene	2200	ug/Kg		110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	96	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Fluorene	170	ug/Kg	J	120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Carbazole	300	ug/Kg		150	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	130	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	240	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Naphthalene		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Benzidine		ug/Kg	U	220	370
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	110	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	120	260
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	130	190
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	740	370
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B15 (0-2) 20191121	CE66250	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	73	73
19B15 (0-2) 20191121	CE66250	SW7471	11/21/2019	5	Mercury	0.11	mg/Kg	J-	0.04	0.07
19B15 (0-2) 20191121	CE66250	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	UJ	140	180
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	10	Iron	15700	mg/Kg	J+	36	36
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benzo(a)pyrene		ug/Kg	UJ	120	180
19B15 (18-20) 20191121	CE66251	E160.3	11/21/2019	1	SOLIDS, PERCENT	91	%		0	0
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	10	Aluminum	5510	mg/Kg		7.1	36
19B15 (18-20) 20191121	CE66251	SW7471	11/21/2019	5	Mercury		mg/Kg	U	0.04	0.07
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	10	Manganese	167	mg/Kg		3.6	3.6
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Lead	4.1	mg/Kg		0.36	0.7
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Magnesium	3990	mg/Kg		3.6	3.6
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Nickel	9.15	mg/Kg		0.36	0.36
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Potassium	910	mg/Kg		2.8	7
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.36	0.36
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Sodium	142	mg/Kg		3.1	7
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.6	3.6
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Arsenic	1.21	mg/Kg		0.71	0.71
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Barium	38.4	mg/Kg		0.36	0.7
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Beryllium	0.29	mg/Kg		0.14	0.29
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Cadmium	0.39	mg/Kg		0.36	0.36
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Chromium	16.3	mg/Kg		0.36	0.36



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Cobalt	5.46	mg/Kg		0.36	0.36
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Copper	13.2	mg/Kg		0.36	0.7
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Vanadium	25.7	mg/Kg		0.36	0.36
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Zinc	23.0	mg/Kg		0.36	0.7
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Calcium	5450	mg/Kg		3.3	3.6
19B15 (18-20) 20191121	CE66251	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.2	1.4
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	3.6	3.6
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	36	36
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	3.6	3.6
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Endrin		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	36	36
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	140	140
19B15 (18-20) 20191121	CE66251	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.2	7.2
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1254		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	72	72
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.41	4.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.41	16
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.1	20
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.0	8.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.0	8.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Tetrachloroethene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.81	8.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	4.1	20
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.81	16
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Acetone		ug/Kg	U	4.1	20
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	1.6	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.41	4.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	4.1	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	16	81
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.1	24
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.81	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.41	4.1
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	160	360
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	90	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Phenol		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Pyridine		ug/Kg	U	90	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	94	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Anthracene		ug/Kg	U	120	250



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Pyrene		ug/Kg	U	130	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Dibenzofuran		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Fluoranthene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Acenaphthylene		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Chrysene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	U	250	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	73	220
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benz(a)anthracene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Aniline		ug/Kg	U	290	290
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	U	730	1800
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	100	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Acenaphthene		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	U	97	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Phenanthrene		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	94	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Fluorene		ug/Kg	U	120	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Carbazole		ug/Kg	U	150	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	250	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	230	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Naphthalene		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Benzidine		ug/Kg	U	210	360
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	110	250
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	730	360
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B15 (18-20) 20191121	CE66251	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	71	71
19B15 (18-20) 20191121	CE66251	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	10	Iron	14200	mg/Kg	J+	36	36
19B16 (0-2) 20191121	CE66252	E160.3	11/21/2019	1	SOLIDS, PERCENT	91	%		0	0
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	10	Aluminum	7620	mg/Kg		7.1	36
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	10	Manganese	234	mg/Kg		3.6	3.6
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Lead	225	mg/Kg		0.36	0.7
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Magnesium	2080	mg/Kg		3.6	3.6
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Nickel	10.7	mg/Kg		0.36	0.36
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Potassium	703	mg/Kg		2.8	7
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.36	0.36
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Sodium	162	mg/Kg		3.1	7
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.6	3.6
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Arsenic	2.97	mg/Kg		0.71	0.71
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Barium	71.6	mg/Kg		0.36	0.7
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Beryllium	0.30	mg/Kg		0.14	0.29
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Cadmium	0.60	mg/Kg		0.36	0.36
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Chromium	17.9	mg/Kg		0.36	0.36
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Cobalt	5.96	mg/Kg		0.36	0.36
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Copper	42.9	mg/Kg		0.36	0.7
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Vanadium	23.3	mg/Kg		0.36	0.36
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Zinc	139	mg/Kg		0.36	0.7
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Calcium	3490	mg/Kg		3.3	3.6
19B16 (0-2) 20191121	CE66252	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.2	1.4
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.3	7.3



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	5.0	5.0
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	3.0	3.0
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	36	36
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	4.0	4.0
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Endrin		ug/Kg	U	14	14
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	36	36
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	9.0	9.0
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	150	150
19B16 (0-2) 20191121	CE66252	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.3	7.3
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1254		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	73	73
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.80	8.0



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.80	32
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	8.0	40
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	4.0	16
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	4.0	16
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Tetrachloroethene		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.6	16
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	8.0	40
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.6	32
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Acetone		ug/Kg	U	8.0	40
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Benzene	0.84	ug/Kg	J	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	3.2	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	8.0	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	32	160



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	8.0	48
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Naphthalene	5.1	ug/Kg	J	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.96	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.6	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.80	8.0
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	160	360
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	89	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Phenol		ug/Kg	U	120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Pyridine		ug/Kg	U	88	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	93	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Anthracene	1600	ug/Kg		120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Dibenzofuran	680	ug/Kg		110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benzo(ghi)perylene	2600	ug/Kg	J+	120	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene	3100	ug/Kg	J+	120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benzo(b)fluoranthene	4000	ug/Kg	J+	120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benzo(k)fluoranthene	3400	ug/Kg	J+	120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Acenaphthylene	250	ug/Kg	J	100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Chrysene	5000	ug/Kg		120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benzo(a)pyrene	4900	ug/Kg	J+	120	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	72	220
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Dibenz(a,h)anthracene	780	ug/Kg	J+	120	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benz(a)anthracene	5200	ug/Kg		120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Aniline		ug/Kg	U	290	290
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	U	720	1800
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	100	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Acenaphthene	600	ug/Kg		110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	UJ	96	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	93	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Fluorene	550	ug/Kg		120	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Carbazole	880	ug/Kg		140	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	250	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	230	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Naphthalene	740	ug/Kg		100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2-Methylnaphthalene	480	ug/Kg		110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Benzidine		ug/Kg	UJ	210	360
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250



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QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	110	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	720	360
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	10	Pyrene	13000	ug/Kg		1200	2500
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	10	Fluoranthene	14000	ug/Kg		1200	2500
19B16 (0-2) 20191121	CE66252	SW8270	11/21/2019	10	Phenanthrene	12000	ug/Kg		1000	2500
19B16 (0-2) 20191121	CE66252	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	71	71
19B16 (0-2) 20191121	CE66252	SW7471	11/21/2019	5	Mercury	0.58	mg/Kg	J-	0.04	0.07
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2,4-Dinitrotoluene		ug/Kg	UJ	150	190
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	10	Iron	9760	mg/Kg	J+	36	36
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benzo(a)pyrene		ug/Kg	UJ	130	190
19B16 (18-20) 20191121	CE66253	SW7471	11/21/2019	5	Mercury		mg/Kg	U	0.04	0.07
19B16 (18-20) 20191121	CE66253	E160.3	11/21/2019	1	SOLIDS, PERCENT	85	%		0	0
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	10	Aluminum	4720	mg/Kg		7.3	36
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	10	Manganese	259	mg/Kg		3.6	3.6
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Lead	2.5	mg/Kg		0.36	0.7
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Magnesium	5040	mg/Kg		3.6	3.6
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Nickel	9.44	mg/Kg		0.36	0.36
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Potassium	835	mg/Kg		2.8	7
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Silver		mg/Kg	U	0.36	0.36
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Sodium	241	mg/Kg		3.1	7
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Thallium		mg/Kg	U	1.5	1.5
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Antimony		mg/Kg	U	3.6	3.6
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Arsenic	0.78	mg/Kg		0.73	0.73
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Barium	29.1	mg/Kg		0.36	0.7
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Beryllium	0.22	mg/Kg	J	0.15	0.29
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Cadmium		mg/Kg	U	0.36	0.36
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Chromium	8.60	mg/Kg		0.36	0.36
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Cobalt	4.64	mg/Kg		0.36	0.36
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Copper	12.8	mg/Kg		0.36	0.7
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Vanadium	15.0	mg/Kg		0.36	0.36
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Zinc	19.2	mg/Kg		0.36	0.7
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Calcium	8120	mg/Kg		3.3	3.6
19B16 (18-20) 20191121	CE66253	SW6010	11/21/2019	1	Selenium		mg/Kg	U	1.2	1.5
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Heptachlor epoxide		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Endosulfan sulfate		ug/Kg	U	7.8	7.8



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Aldrin		ug/Kg	U	3.9	3.9
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	a-BHC		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	b-BHC		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	d-BHC		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Endosulfan II		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	4,4' -DDT		ug/Kg	U	2.3	2.3
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	a-Chlordane		ug/Kg	U	3.9	3.9
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	g-Chlordane		ug/Kg	U	3.9	3.9
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Endrin ketone		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Chlordane		ug/Kg	U	39	39
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	g-BHC		ug/Kg	U	1.6	1.6
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Dieldrin		ug/Kg	U	3.9	3.9
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Endrin		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Methoxychlor		ug/Kg	U	39	39
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	4,4' -DDD		ug/Kg	U	2.3	2.3
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	4,4' -DDE		ug/Kg	U	2.3	2.3
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Endrin aldehyde		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Heptachlor		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Toxaphene		ug/Kg	U	160	160
19B16 (18-20) 20191121	CE66253	SW8081	11/21/2019	2	Endosulfan I		ug/Kg	U	7.8	7.8
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1260		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1254		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1268		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1221		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1232		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1248		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1016		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1262		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8082	11/21/2019	2	PCB-1242		ug/Kg	U	78	78
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.49	20



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.9	24
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.4	9.8
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.4	9.8
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Tetrachloroethene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.98	9.8
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	4.9	24
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.98	20
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Acetone		ug/Kg	U	4.9	24
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	2.0	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	4.9	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	20	98
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	0.98	4.9



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QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.9	29
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.98	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.49	4.9
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	4-Nitroaniline		ug/Kg	U	130	390
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	4-Nitrophenol		ug/Kg	U	170	390
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2,4-Dimethylphenol		ug/Kg	U	96	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	4-Chloroaniline		ug/Kg	U	180	310
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Phenol		ug/Kg	U	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Pyridine		ug/Kg	U	95	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Di-n-octylphthalate		ug/Kg	U	100	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Hexachlorobenzene		ug/Kg	U	110	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Anthracene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2,4-Dichlorophenol		ug/Kg	U	140	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Pyrene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Dimethylphthalate		ug/Kg	U	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Dibenzofuran		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benzo(ghi)perylene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Fluoranthene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Acenaphthylene		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Chrysene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2,4-Dinitrophenol		ug/Kg	U	270	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	77	230
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	130	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benz(a)anthracene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Aniline		ug/Kg	U	310	310
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benzoic acid		ug/Kg	U	770	1900
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Hexachloroethane		ug/Kg	U	120	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Isophorone		ug/Kg	U	110	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Acenaphthene		ug/Kg	U	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Diethyl phthalate		ug/Kg	U	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Di-n-butylphthalate		ug/Kg	U	100	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Phenanthrene		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benzyl butyl phthalate		ug/Kg	U	100	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Fluorene		ug/Kg	U	130	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Carbazole		ug/Kg	U	150	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	140	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Pentachlorophenol		ug/Kg	U	150	230
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2-Nitroaniline		ug/Kg	U	270	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2-Nitrophenol		ug/Kg	U	240	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Naphthalene		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2-Methylnaphthalene		ug/Kg	U	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2-Chloronaphthalene		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Benzidine		ug/Kg	U	230	390
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2-Chlorophenol		ug/Kg	U	110	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Acetophenone		ug/Kg	U	120	270
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	Nitrobenzene		ug/Kg	U	140	190
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	3-Nitroaniline		ug/Kg	U	770	390
19B16 (18-20) 20191121	CE66253	SW8270	11/21/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
19B16 (18-20) 20191121	CE66253	SW8270C-SIM	11/21/2019	1	1,4-dioxane		ug/Kg	U	78	78
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Ethylbenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Styrene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	cis-1,3-Dichloropropene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	trans-1,3-Dichloropropene		ug/Kg	UJ	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	n-Propylbenzene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	n-Butylbenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	4-Chlorotoluene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,4-Dichlorobenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2-Dibromoethane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Acrolein		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2-Dichloroethane		ug/Kg	U	25	25
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Acrylonitrile		ug/Kg	U	25	1000
TB HL 20191121	CE66254	SW8260	11/21/2019	50	4-Methyl-2-pentanone		ug/Kg	U	250	1300
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,3,5-Trimethylbenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Bromobenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Toluene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Chlorobenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Tetrahydrofuran (THF)		ug/Kg	U	130	500
TB HL 20191121	CE66254	SW8260	11/21/2019	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	500
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2,4-Trichlorobenzene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,4-dioxane		ug/Kg	U	2000	2000
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Dibromochloromethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Tetrachloroethene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	sec-Butylbenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,3-Dichloropropane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	cis-1,2-Dichloroethene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	trans-1,2-Dichloroethene		ug/Kg	U	25	190
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	50	500
TB HL 20191121	CE66254	SW8260	11/21/2019	50	m&p-Xylene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	2-Isopropyltoluene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,3-Dichlorobenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Carbon tetrachloride		ug/Kg	U	50	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,1-Dichloropropene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	2-Hexanone		ug/Kg	U	250	1300
TB HL 20191121	CE66254	SW8260	11/21/2019	50	2,2-Dichloropropane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	50	1000
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Acetone		ug/Kg	U	250	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Chloroform		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Benzene		ug/Kg	U	25	60
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,1,1-Trichloroethane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Bromomethane		ug/Kg	U	100	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Chloromethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Dibromomethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Bromochloromethane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Chloroethane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Vinyl chloride		ug/Kg	U	25	25
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Methylene chloride		ug/Kg	U	100	100
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Carbon Disulfide		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Bromoform		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Bromodichloromethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,1-Dichloroethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,1-Dichloroethene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Tert-butyl alcohol		ug/Kg	U	1000	5000
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Trichlorofluoromethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Dichlorodifluoromethane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Trichlorotrifluoroethane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2-Dichloropropane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Methyl Ethyl Ketone		ug/Kg	U	120	120
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,1,2-Trichloroethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Trichloroethene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2,3-Trichlorobenzene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Hexachlorobutadiene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Naphthalene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	o-Xylene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	2-Chlorotoluene		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2-Dichlorobenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2,4-Trimethylbenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	50	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	1,2,3-Trichloropropane		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	tert-Butylbenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	Isopropylbenzene		ug/Kg	U	25	250
TB HL 20191121	CE66254	SW8260	11/21/2019	50	p-Isopropyltoluene		ug/Kg	U	25	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Ethylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Styrene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Acrolein		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Acrylonitrile		ug/Kg	U	0.50	20
TB LL 20191121	CE66255	SW8260	11/21/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Bromobenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Toluene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Chlorobenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
TB LL 20191121	CE66255	SW8260	11/21/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,4-dioxane		ug/Kg	U	40	75
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
TB LL 20191121	CE66255	SW8260	11/21/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	2-Hexanone		ug/Kg	U	5.0	25
TB LL 20191121	CE66255	SW8260	11/21/2019	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Acetone		ug/Kg	U	5.0	25
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Chloroform		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Benzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Bromomethane		ug/Kg	U	2.0	5.0



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE66246**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Chloromethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Dibromomethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Bromochloromethane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Chloroethane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Vinyl chloride		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Methylene chloride		ug/Kg	U	5.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Bromoform		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Trichloroethene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Naphthalene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	o-Xylene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.60	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
TB LL 20191121	CE66255	SW8260	11/21/2019	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE57958
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/27/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B1 (0-2)	CE57958	11/07/2019	SVOC	Soil
19B1 (20-22)	CE57959	11/07/2019	SVOC	Soil
19B3 (0-2)	CE57960	11/07/2019	SVOC	Soil
19B3 (18-20)	CE57961	11/07/2019	SVOC	Soil
19B4 (0-2)	CE57962	11/07/2019	SVOC	Soil
19B4 (18-20)	CE57963	11/07/2019	SVOC	Soil
19B5 (0-2)	CE57964	11/07/2019	SVOC	Soil
19B5 (18-20)	CE57965	11/07/2019	SVOC	Soil
19B6 (0-2)	CE57966	11/07/2019	SVOC	Soil
19B6 (18-20)	CE57967	11/07/2019	SVOC	Soil
19B17 (0-2)	CE57968	11/07/2019	SVOC	Soil
19B17 (18-20)	CE57970	11/07/2019	SVOC	Soil
19B1 (36')	CE57971	11/07/2019	SVOC	Soil
19B18 (28')	CE57972	11/07/2019	SVOC	Soil

Summary - Data validation was performed on the data for fourteen (14) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/07/2019 and submitted for Semi-Volatile Organic (SVOC) analyses by SW846 Method 8270. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/11/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times –All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning - All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/08/2019 (CHEM07) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-35A.

Qualification: None required.

– Initial calibration curve analyzed on 10/17/2019 (CHEM28) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-35A.

Qualification: None required.

Continuing Calibration Verification (CCV) – The %D for the CCVs analyzed and reported with these samples on 11/12-13/2019 were within acceptance limits listed in Table 2 in SOP HW-35A with the exception of benzoic acid (113.5%), 2-nitrophenol (26.3%), 2-nitroaniline (28.8%), and 4,6-dinitro-2-methylphenol (30.3%).

Qualification: Non-detect results for benzoic acid, 2-nitrophenol, 2-nitroaniline, and 4,6-dinitro-2-methylphenol in samples 19B17 (0-2) were qualified as estimated (UJ).

– The %D for the CCVs analyzed and reported with these samples on 11/12/2019 were within acceptance limits listed in Table 2 in SOP HW-35A with the exception 2-nitrophenol (35.6%).

Qualification: Non-detect results for 2-nitrophenol were qualified as estimated (UJ) in samples 19B1 (0-2), 19B1 (20-22), 19B3 (0-2), 19B3 (18-20), 19B4 (0-2), 19B4 (18-20), 19B5 (0-2), 19B5 (18-20), 19B6 (0-2), 19B6 (18-20), 19B17 (18-20), 19B1 (36'), and 19B18 (28').

Surrogates – Surrogate %R values were within the QC acceptance limits with the exception of 2-fluorophenol (27%) in sample 19B5 (18-20).

Qualification: Non-detect results for n-nitrosodimethylamine and pyridine were qualified as estimated (UJ) in sample 19B5 (18-20).

Internal Standard (IS) Area Performance – Samples exhibited acceptable area count for the six internal standards.

Qualification: None required.

Method Blank (MB) – The method blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – No field blanks were submitted with this SDG.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – MS/MSD were performed on sample 19B1 (0-2) (CE57958). All %RECs/RPDs were within the laboratory control limits with the exception of pyridine (26% and 27% %R), benzoic acid (12% and 26% %R, 73.7% RPD), 2,4-dinitrophenol (9% %R and 108.5% RPD), pentachlorophenol (44.2% RPD), benzidine (19% and 24% %R), and 4,6-dinitro-2-methylphenol (26% %R and RPD 81.9%). Results for

pentalchlorophenol were non-detect in the parent sample.

Qualification: The non-detect results for pyridine, benzoic acid, 2,4-dinitrophenol, benzidine, and 4,6-dinitro-2-methylphenol were qualified as estimated (UJ) in sample 19B1 (0-2).

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%. No qualifications were required.

Qualification: None required.

Manual Calculation

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF = 1

V = Volume for liquids in ml, weight for soils/solids in grams.

VE = final volume of concentrated extract

Sample: 19B1 (20-22) (CE57959)

Naphthalene

Sample weight = 15.04g

Volume purged = 1.0ml

DF = 1

%Solids = 90

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{124466 \times 40 \times 1 \times 1000}{690681 \times 1.011 \times 15.04 \times 0.90} = 526.73 \mu\text{g/kg}$$

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Naphthalene	530	530	0.0

Data Review Summary – The SVOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Semivolatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE57958 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE57958
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/27/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B1 (0-2)	CE57958	11/07/2019	VOC	Soil
19B1 (20-22)	CE57959	11/07/2019	VOC	Soil
19B3 (0-2)	CE57960	11/07/2019	VOC	Soil
19B3 (18-20)	CE57961	11/07/2019	VOC	Soil
19B4 (0-2)	CE57962	11/07/2019	VOC	Soil
19B4 (18-20)	CE57963	11/07/2019	VOC	Soil
19B5 (0-2)	CE57964	11/07/2019	VOC	Soil
19B5 (18-20)	CE57965	11/07/2019	VOC	Soil
19B6 (0-2)	CE57966	11/07/2019	VOC	Soil
19B6 (18-20)	CE57967	11/07/2019	VOC	Soil
19B17 (0-2)	CE57968	11/07/2019	VOC	Soil
19B17 (18-20)	CE57970	11/07/2019	VOC	Soil
19B1 (36')	CE57971	11/07/2019	VOC	Soil
Trip Blank High	CE57973	11/07/2019	VOC	Soil
Trip Blank Low	CE57974	11/07/2019	VOC	Soil

Summary - Data validation was performed on the data for thirteen (13) soil samples and two (2) trip blank (TB) samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/07/2019 and submitted for Volatile Organic (VOC) analyses by SW846 Method 8260C. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/11/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times –All samples were analyzed within the 14-day holding time required for soil samples.

Qualification: None required.

GC/MS Tuning - All BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration - Initial calibration curve analyzed on 11/11/2019 (CHEM31) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A with the exception of dibromochloromethane (21.1%) and bromoform (25.3%). Results for dibromochloromethane and bromoform were non-detect in the field samples.

Qualification: None required.

Continuing Calibration Verification (CCV) - The %D for the CCVs analyzed and reported with these samples on 11/11-12/2019 were within acceptance limits for all target VOCs.

Qualification: None required.

- The %D for the CCVs analyzed and reported with these samples on 11/12/2019 were within acceptance limits for all target VOCs.

Qualification: None required.

Surrogates – All surrogate percent recoveries were within the control limits.

Qualification: None required.

Internal Standard (IS) Area Performance – Samples exhibited acceptable area counts for all internal standards.

Qualification: None required.

MS/MSD – Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were not performed on a sample from this SDG.

Qualification: None required.

Method Blank – The method blanks prepared and analyzed with these samples were free of contamination.

Qualification: None required.

Field Blanks – Trip Blank Low (Lab Sample ID: CE57974), was submitted with this sample set. All target VOCs were non-detect in the LL TB sample.

Qualification: None required.

– Trip Blank High (Lab Sample ID: CE57973) was submitted with this sample set. All target VOCs were non-detect in the HL TB sample.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

Qualification: None required.

– Sample compound spectra were compared against the laboratory standard spectra.

Qualification: None required.

Compound Quantitation –Samples 19B1 (20-22) and High Trip Blank required 50x dilution; reporting limits were adjusted accordingly. Analyte non-detections were reported as “U”; these results should be considered the equivalent of “PQL U.” Analyte detections below the PQL were reported as J qualified results. These J qualifiers were retained unless superseded by a more severe qualifier.

Qualification: None required.

- All sample results were reported within the linear calibration range.
- %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual Calculation

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%Solids)}$$

Cx = concentration of analyte as ug/kg

Ax = Area of the characteristic ion for the compound to be measured, counts.

Ais = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

DF = Dilution factor calculated. If no dilution is performed, DF= 1

V= Volume for liquids in ml, weight for soils/solids in grams.

19B3 (18-20) (CE57961)

Acetone

Sample weight= 5.57g

Volume purged=5.0ml

DF = 50

%Solids=90

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{3261 \times 50 \times 1 \times 5}{293632 \times 0.086 \times 5.57 \times 0.90} = 6.44 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Acetone	6.5	6.5	0.0

Data Review Summary –VOC results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Volatile soil data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE57958 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
POLYCHLORINATED BIPHENYLS (PCBs)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE57958
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/24/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B1 (0-2)	CE57958	11/07/2019	PCB	Soil
19B1 (20-22)	CE57959	11/07/2019	PCB	Soil
19B3 (0-2)	CE57960	11/07/2019	PCB	Soil
19B3 (18-20)	CE57961	11/07/2019	PCB	Soil
19B4 (0-2)	CE57962	11/07/2019	PCB	Soil
19B4 (18-20)	CE57963	11/07/2019	PCB	Soil
19B5 (0-2)	CE57964	11/07/2019	PCB	Soil
19B5 (18-20)	CE57965	11/07/2019	PCB	Soil
19B6 (0-2)	CE57966	11/07/2019	PCB	Soil
19B6 (18-20)	CE57967	11/07/2019	PCB	Soil
19B17 (0-2)	CE57968	11/07/2019	PCB	Soil
19B17 (18-20)	CE57970	11/07/2019	PCB	Soil

Summary - Data validation was performed on the data for twelve (12) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/07/2019 and submitted for PCBs by SW-846 Method 8082 in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/11/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/04/2019 (ECD29) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 10/03/2019 (ECD3) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 10/24/2019 (ECD6) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 11/12/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 11/12-13/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 11/12/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 11/12/2019 exhibited acceptable %Ds for all compounds.

Qualification: None required.

Surrogates – All surrogates %RECs values for all soil samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE57961 BL) associated with the soil samples extracted on 11/11/2019 and analyzed on 11/12/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE57961 were analyzed on 11/12/2019. All %RECs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 19B3 (18-20) (CE57961). All %REC/RPDs were within the laboratory control limits.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual Calculation

CE57961 LCS

Aroclor-1016

On Column concentration (B)= 391.918ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{391.918\text{ng} \times 10\text{ml} \times 5}{15.0\text{g}} = 1306.40\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1310	1310	0.0

Data Review Summary – The PCBs results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE57958 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
PESTICIDES

USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE57958
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/24/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B1 (0-2)	CE57958	11/07/2019	Pesticides	Soil
19B1 (20-22)	CE57959	11/07/2019	Pesticides	Soil
19B3 (0-2)	CE57960	11/07/2019	Pesticides	Soil
19B3 (18-20)	CE57961	11/07/2019	Pesticides	Soil
19B4 (0-2)	CE57962	11/07/2019	Pesticides	Soil
19B4 (18-20)	CE57963	11/07/2019	Pesticides	Soil
19B5 (0-2)	CE57964	11/07/2019	Pesticides	Soil
19B5 (18-20)	CE57965	11/07/2019	Pesticides	Soil
19B6 (0-2)	CE57966	11/07/2019	Pesticides	Soil
19B6 (18-20)	CE57967	11/07/2019	Pesticides	Soil
19B17 (0-2)	CE57968	11/07/2019	Pesticides	Soil
19B17 (18-20)	CE57970	11/07/2019	Pesticides	Soil

Summary - Data validation was performed on the data for twelve (12) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/07/2019 and submitted for Pesticides by SW-846 Method 8081 in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/11/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All samples were extracted within 14 days from sample collection and analyzed within the 40 days following sample extraction.

Qualification: None required.

GC/ECD Instrument Performance Check – 4,4'-DDT and Endrin breakdown exhibited acceptable results.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/13/2019 (ECD35) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 10/30/2019 (ECD07) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 11/12/2019 (ECD04) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 11/13-14/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

– All CCVs analyzed on 11/13-14/2019 exhibited acceptable %Ds for all compounds on reporting column.

Qualification: None required.

– All CCVs analyzed on 11/13/2019 exhibited acceptable %Ds for all compounds on reporting column with the exception of endrin ketone (30%) and endrin aldehyde (34%).

Qualification: Non-detect results for endrin ketone and endrin aldehyde in samples 19B1 (0-2), 19B3 (0-2), 19B3 (18-20), 19B4 (0-2), 19B1 (20-22), 19B5 (18-20) were qualified as estimated (UJ).

Surrogates – All surrogates %RECs values for all soil samples were within the laboratory control limits.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CE57961 BL) associated with the soil samples extracted on 11/11/2019 and analyzed on 11/12/2019 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CE57961 LCS was analyzed on 11/12/2019. All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 19B3 (18-20) (CE57961). All %RECs/RPDs were

within the laboratory control limits.

Qualification: None required.

Compound Quantitation, Compound Identification and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

– Sample confirmation %D was <40%.

Qualification: None required.

Manual Calculation

CE57961 LCS

Alpha-BHC

On Column concentration (A) = 41.8124ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{41.8124\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 27.875\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-BHC	27.9	27.9	0.0

Data Review Summary – The pesticide results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE57958 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
SEMI-VOLATILE ORGANIC COMPOUNDS (1,4-DIOXANE)
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE57958
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/27/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B1 (0-2)	CE57958	11/07/2019	SVOC	Soil
19B1 (20-22)	CE57959	11/07/2019	SVOC	Soil
19B3 (0-2)	CE57960	11/07/2019	SVOC	Soil
19B3 (18-20)	CE57961	11/07/2019	SVOC	Soil
19B4 (0-2)	CE57962	11/07/2019	SVOC	Soil
19B4 (18-20)	CE57963	11/07/2019	SVOC	Soil
19B5 (0-2)	CE57964	11/07/2019	SVOC	Soil
19B5 (18-20)	CE57965	11/07/2019	SVOC	Soil
19B6 (0-2)	CE57966	11/07/2019	SVOC	Soil
19B6 (18-20)	CE57967	11/07/2019	SVOC	Soil
19B17 (0-2)	CE57968	11/07/2019	SVOC	Soil
19B17 (18-20)	CE57970	11/07/2019	SVOC	Soil

Summary - Data validation was performed on the data for twelve (12) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/07/2019 and submitted for Semi-Volatile Organic (SVOC) SIMs analysis for 1,4-dioxane by SW846 Method 8270C SIM. All sample results in this SDG were subjected to Level 4 data validation.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/11/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction.

Qualification: None required.

GC/MS Tuning – All DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 11/13/2019 (CHEM33)-SIM Scan for 1,4-dioxane exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Continuing Calibration Verification (CCV)– CCV analyzed on 11/14/2019 (CHEM29)-SIM scan for 1,4-dioxane exhibited acceptable %Ds and RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

Surrogates–Surrogate %REC values were within the QC acceptance limits for the SIM scan.

Qualification: None required.

Internal Standard (IS) Area Performance – All samples exhibited acceptable area count for the internal standard for 1,4-dioxane.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB)– Method Blank (CE57964 BLANK)-Scan for 1,4-dioxane associated with the soil samples extracted on 11/12/2019 and analyzed on 11/14/2019 was free of contamination.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – MS/MSD were performed on sample 19B5 (0-2) (CE57964) for 1,4-Dioxane. All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Target Compound Identification – All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

– Sample compound spectra were compared against the laboratory standard spectra.

– No QC deviations were observed.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

Manual Calculation

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ \mu L)(V)(\%Solids)}$$

Cx = concentration of analyte as ug/kg

A_x = Area of the characteristic ion for the compound to be measured, counts.
 A_{is} = Area of the characteristic ion for the specific internal standard, counts.
 IS = Concentration of the internal standard spiking mixture, ng
 RRF = Mean relative response factor from the initial calibration.
 DF = Dilution factor calculated. If no dilution is performed, $DF = 1$
 V = Volume for liquids in ml, weight for soils/solids in grams.
 VE = final volume of concentrated extract

Sample: CE57958 LCS

1,4-Dioxane

Sample weight= 15.00g
 Volume purged=5.0ml
 $DF = 1$
 $\%Solids = 1$

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{109690 \times 100 \times 1 \times 5000}{236257 \times 1.151 \times 15.00} = 13445.77 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/Kg}$)	Validation ($\mu\text{g/Kg}$)	%D
1,4-Dioxane	13440	13440	0.0

Data Review Summary –The 1,4-dioxane results reported in this SDG are acceptable as reported and may be used for their intended purpose.

–1,4-dioxane water data package meets the requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE57958 at the end of the data validation report.

DATA USABILITY SUMMARY REPORT (DUSR)
TRACE METALS
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE57958
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/27/19
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
19B1 (0-2)	CE57958	11/07/2019	Metals	Soil
19B1 (20-22)	CE57959	11/07/2019	Metals	Soil
19B3 (0-2)	CE57960	11/07/2019	Metals	Soil
19B3 (18-20)	CE57961	11/07/2019	Metals	Soil
19B4 (0-2)	CE57962	11/07/2019	Metals	Soil
19B4 (18-20)	CE57963	11/07/2019	Metals	Soil
19B5 (0-2)	CE57964	11/07/2019	Metals	Soil
19B5 (18-20)	CE57965	11/07/2019	Metals	Soil
19B6 (0-2)	CE57966	11/07/2019	Metals	Soil
19B6 (18-20)	CE57967	11/07/2019	Metals	Soil
19B17 (0-2)	CE57968	11/07/2019	Metals	Soil
19B17 (18-20)	CE57970	11/07/2019	Metals	Soil

Summary - Data validation was performed on the data for twelve (12) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/07/2019 and submitted for the following analyses:

- 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
- 1.2 Mercury by SW-846 Method 7471A.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/11/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES.

Qualification: None required.

– All soil samples were digested and analyzed within the 28 days holding times for Mercury analysis.

Qualification: None required.

Initial and Continuing Calibration Verification (ICV and CCV) – ICP-AES – All %RECs in the ICV and CCVs were within QC limits.

Qualification: None required.

Mercury – All correlation coefficient for Mercury calibration curve analyzed were ≤ 0.995 .

Qualification: None required.

– All ICVs and CCVs %REC values were within the QC limits.

Qualification: None required.

CRQL Check Standard (CRI) – Aluminum (157%), iron (136.7%), calcium (164.6%), zinc (133.4%), copper (68.2%), mercury (44.3%) were outside the control limits. Remaining CRI analyzed %RECs were within the control limits.

Qualification: Aluminum and iron results in samples 19B1 (0-2), 19B1 (20-22), 19B3 (0-2), 19B3 (18-20), 19B4 (0-2), 19B4 (18-20), 19B5 (0-2), 19B5 (18-20), 19B6 (0-2), and 19B6 (18-20) were qualified as estimated bias high (J+). Calcium and zinc in samples 19B17 (0-2) and 19B17 (18-20) were qualified as estimated bias high (J+). Non-detect results for mercury were qualified as estimated (UJ) in samples 19B1 (0-2), 19B1 (20-22), 19B3 (18-20), 19B4 (18-20), 19B5 (18-20), 19B6 (18-20), and 19B17 (18-20). Results for mercury were qualified estimated bias low (J-) in samples 19B3 (0-2), 19B4 (0-2), 19B5 (0-2), 19B6 (0-2), and 19B17 (0-2). Results for copper in samples 19B17 (0-2) and 19B17 (18-20) were qualified as estimated bias low (J-).

ICP-AES Interference Check Sample – All %REC values were within the QC limits for ICSA and ICSAB.

Qualification: None required.

Blanks (Method Blank, ICB and CCB) – ICP-AES Method Blank-Soil (CE57948 BLK) digested on 11/11/2019 was free of contamination.

Qualification: None required.

– ICP-AES Method Blank-Soil (CE58056 BLK) digested on 11/11/2019 was free of

contamination.

Qualification: None required.

– All ICB and CCBs were free of contamination.

Qualification: None required.

– Mercury – All ICB and CCBs were free of contamination.

Qualification: None required.

– Method Blank (CE57965 BLK) digested on 11/12/2019 was free of contamination.

Qualification: None required.

Field Blank (FB) and Equipment Blank (EB) – Field Blanks were not submitted with this SDG.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – ICP-AES and Mercury – Laboratory Control Sample %RECs were within the laboratory control limits with the exception of selenium (77.6%).

Qualification: Non-detect results for selenium in samples 19B1 (0-2), 19B1 (20-22), 19B3 (0-2), 19B3 (18-20), 19B4 (0-2), 19B4 (18-20), 19B5 (0-2), 19B5 (18-20), 19B6 (0-2), and 19B6 (18-20) were qualified as estimated (UJ).

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – ICP-AES and Mercury – Matrix Spike (MS) was performed on sample 19B5 (18-20) (GCE57965) for mercury. MS %Rec was within control limits.

Qualification: None required.

Sample Duplicate – ICP-AES and Mercury – Laboratory Duplicate was performed on sample 19B5 (18-20) (GCE57965) for mercury. Laboratory duplicate RPD was within control limit.

Qualification: None required.

ICP-AES Serial Dilution – ICP serial dilution was not performed on a sample from this SDG.

Qualification: None required.

Verification of Instrumental Parameters – The following Forms were present in the data package:

- Method Detection Limits, Form- X.
- ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.

– ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were >50%.

Qualification: None required.

Manual calculation

Sample: 19B1 (0-2) (CE57958)

Aluminum

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{C \times V \times DF \times 1L \times 1000g \times 1mg}{W \times S \times 1000ml \times 1 kg \times 1000ug}$$

$$V = 50ml$$

$$W = 0.78g$$

$$\%Solids = 93$$

$$DF = 10.0$$

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{2971.24ug/L \times 50 \times 10.0 \times 1L \times 1000g \times 1mg}{0.78 \times 0.93 \times 1000ml \times 1 kg \times 1000ug} = 2048 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Aluminum	2050	2050	0.0

Data Review Summary – The trace metal results reported in this SDG are acceptable as reported and may be used for their intended purpose.

– Trace Metals data package requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

– Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE57958 at the end of the data validation report.



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (0-2) 20191107	CE57958	E160.3	11/7/2019	1	SOLIDS, PERCENT	93	%		0	0
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	10	Aluminum	2050	mg/Kg	J+	6.9	34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	10	Iron	7670	mg/Kg	J+	34	34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	10	Magnesium	8180	mg/Kg		34	34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	10	Calcium	14600	mg/Kg		32	34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Lead	4.2	mg/Kg		0.34	0.7
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Manganese	66.7	mg/Kg		0.34	0.34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Nickel	2.38	mg/Kg		0.34	0.34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Potassium	325	mg/Kg		2.7	7
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.34	0.34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Sodium	34	mg/Kg		3.0	7
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.4	3.4
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Arsenic	3.90	mg/Kg		0.69	0.69
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Barium	9.7	mg/Kg		0.34	0.7
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Beryllium	0.21	mg/Kg	J	0.14	0.28
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Cadmium	0.40	mg/Kg		0.34	0.34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Chromium	5.47	mg/Kg		0.34	0.34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Cobalt	2.17	mg/Kg		0.34	0.34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Copper	4.5	mg/Kg		0.34	0.7
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Vanadium	14.3	mg/Kg		0.34	0.34
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Zinc	12.4	mg/Kg		0.34	0.7
19B1 (0-2) 20191107	CE57958	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.2	1.4
19B1 (0-2) 20191107	CE57958	SW7471	11/7/2019	2	Mercury		mg/Kg	UJ	0.02	0.03
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.5	3.5
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.1	2.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.5	3.5
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.5	3.5
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	UJ	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	35	35
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.5	3.5
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	35	35
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.1	2.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.1	2.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	UJ	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	140	140
19B1 (0-2) 20191107	CE57958	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.1	7.1
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	71	71
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.47	19
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.7	24
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.4	9.5
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.4	9.5
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.95	9.5



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	4.7	24
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.95	19
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Acetone		ug/Kg	U	4.7	24
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	1.9	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	4.7	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	19	95
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.7	28
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	0.95	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.95	4.7



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.47	4.7
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	360
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	88	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	280
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Phenol		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Pyridine		ug/Kg	UJ	88	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	96	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	98	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	92	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	100	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	120	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	71	210
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Aniline		ug/Kg	U	280	280
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	UJ	710	1800
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	100	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	95	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	92	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	140	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	UJ	130	210
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	250	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	230	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Benzidine		ug/Kg	UJ	210	360
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	250
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	120	180
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	710	360
19B1 (0-2) 20191107	CE57958	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B1 (0-2) 20191107	CE57958	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B1 (20-22) 20191107	CE57959	E160.3	11/7/2019	1	SOLIDS, PERCENT	90	%		0	0
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	10	Aluminum	6320	mg/Kg	J+	6.9	34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	10	Iron	17500	mg/Kg	J+	34	34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	10	Manganese	251	mg/Kg		3.4	3.4



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Lead	4.4	mg/Kg		0.34	0.7
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Magnesium	5090	mg/Kg		3.4	3.4
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Nickel	9.21	mg/Kg		0.34	0.34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Potassium	1150	mg/Kg		2.7	7
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.34	0.34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Sodium	513	mg/Kg		2.9	7
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.4	3.4
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Arsenic	1.59	mg/Kg		0.69	0.69
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Barium	35.2	mg/Kg		0.34	0.7
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Beryllium	0.36	mg/Kg		0.14	0.27
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Cadmium	0.66	mg/Kg		0.34	0.34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Chromium	16.3	mg/Kg		0.34	0.34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Cobalt	5.89	mg/Kg		0.34	0.34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Copper	11.9	mg/Kg		0.34	0.7
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Vanadium	23.4	mg/Kg		0.34	0.34
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Zinc	24.5	mg/Kg		0.34	0.7
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Calcium	7500	mg/Kg		3.2	3.4
19B1 (20-22) 20191107	CE57959	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.2	1.4
19B1 (20-22) 20191107	CE57959	SW7471	11/7/2019	2	Mercury		mg/Kg	UJ	0.02	0.03
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	UJ	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	37	37
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	37	37
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	UJ	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	150	150



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (20-22) 20191107	CE57959	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.4	7.4
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	74	74
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Ethylbenzene	6000	ug/Kg		23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Styrene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	cis-1,3-Dichloropropene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	trans-1,3-Dichloropropene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	n-Propylbenzene	2400	ug/Kg		45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	n-Butylbenzene	530	ug/Kg		23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	4-Chlorotoluene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,4-Dichlorobenzene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2-Dibromoethane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Acrolein		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2-Dichloroethane		ug/Kg	U	23	23
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Acrylonitrile		ug/Kg	U	23	900
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	4-Methyl-2-pentanone		ug/Kg	U	230	1100
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,3,5-Trimethylbenzene	2100	ug/Kg		23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Bromobenzene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Toluene	42	ug/Kg	J	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Chlorobenzene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Tetrahydrofuran (THF)		ug/Kg	U	110	450
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	trans-1,4-dichloro-2-butene		ug/Kg	U	110	450
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2,4-Trichlorobenzene		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Dibromochloromethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Tetrachloroethene		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	sec-Butylbenzene	250	ug/Kg		23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,3-Dichloropropane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	cis-1,2-Dichloroethene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	trans-1,2-Dichloroethene		ug/Kg	U	23	190
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	45	450
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	m&p-Xylene	5100	ug/Kg		45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	2-Isopropyltoluene	40	ug/Kg	J	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,3-Dichlorobenzene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Carbon tetrachloride		ug/Kg	U	45	230



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,1-Dichloropropene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	2-Hexanone		ug/Kg	U	230	1100
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	2,2-Dichloropropane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Acetone		ug/Kg	U	230	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Chloroform		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Benzene	340	ug/Kg		23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,1,1-Trichloroethane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Bromomethane		ug/Kg	U	90	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Chloromethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Dibromomethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Bromochloromethane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Chloroethane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Vinyl chloride		ug/Kg	U	23	23
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Methylene chloride		ug/Kg	U	90	90
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Carbon Disulfide		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Bromoform		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Bromodichloromethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,1-Dichloroethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,1-Dichloroethene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Tert-butyl alcohol		ug/Kg	U	900	4500
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Trichlorofluoromethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Dichlorodifluoromethane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Trichlorotrifluoroethane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2-Dichloropropane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Methyl Ethyl Ketone		ug/Kg	U	120	120
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,1,2-Trichloroethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Trichloroethene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2,3-Trichlorobenzene		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Hexachlorobutadiene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Naphthalene	3900	ug/Kg		45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	o-Xylene	540	ug/Kg		45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	2-Chlorotoluene		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2-Dichlorobenzene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2,4-Trimethylbenzene	7000	ug/Kg		23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	45	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	1,2,3-Trichloropropane		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	tert-Butylbenzene		ug/Kg	U	23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	Isopropylbenzene	720	ug/Kg		23	230
19B1 (20-22) 20191107	CE57959	SW8260	11/7/2019	50	p-Isopropyltoluene	140	ug/Kg	J	23	230



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	370
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	170	370
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	92	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	300
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Phenol		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	91	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	95	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	150	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	130	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	120	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Aniline		ug/Kg	U	300	300
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	740	1800



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	100	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	98	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	95	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	150	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	230	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Naphthalene	530	ug/Kg		110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2-Methylnaphthalene	390	ug/Kg		110	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	220	370
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	120	260
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	740	370
19B1 (20-22) 20191107	CE57959	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B1 (20-22) 20191107	CE57959	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	240	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.3	1.6
19B3 (0-2) 20191107	CE57960	E160.3	11/7/2019	1	SOLIDS, PERCENT	89	%		0	0
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	10	Aluminum	8460	mg/Kg	J+	7.8	39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	10	Iron	18100	mg/Kg	J+	39	39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	10	Manganese	212	mg/Kg		3.9	3.9



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	10	Zinc	439	mg/Kg		3.9	7.8
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Lead	145	mg/Kg		0.39	0.8
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Magnesium	2590	mg/Kg		3.9	3.9
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Nickel	16.4	mg/Kg		0.39	0.39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Potassium	1390	mg/Kg		3.0	8
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.39	0.39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Sodium	181	mg/Kg		3.4	8
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.6	1.6
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.9	3.9
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Arsenic	2.52	mg/Kg		0.78	0.78
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Barium	67.8	mg/Kg		0.39	0.8
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Beryllium	0.37	mg/Kg		0.16	0.31
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Cadmium	1.37	mg/Kg		0.39	0.39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Chromium	19.8	mg/Kg		0.39	0.39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Cobalt	7.22	mg/Kg		0.39	0.39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Copper	57.7	mg/Kg		0.39	0.8
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Vanadium	25.5	mg/Kg		0.39	0.39
19B3 (0-2) 20191107	CE57960	SW6010	11/7/2019	1	Calcium	4890	mg/Kg		3.6	3.9
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	UJ	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	37	37
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	37	37
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	4,4' -DDD	6.4	ug/Kg		2.2	2.2
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	UJ	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	150	150
19B3 (0-2) 20191107	CE57960	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.4	7.4
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	74	74



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	74	74
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.50	20
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Tetrachloroethene	1.2	ug/Kg	J	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	5.0	25



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Acetone		ug/Kg	U	5.0	25
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	2.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	5.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	370
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	170	370
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	92	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	300
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Phenol		ug/Kg	U	120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	92	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate	430	ug/Kg		110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	96	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	110	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Anthracene	300	ug/Kg		120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Pyrene	1400	ug/Kg		130	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benzo(ghi)perylene	320	ug/Kg		120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene	360	ug/Kg		120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benzo(b)fluoranthene	700	ug/Kg		130	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Fluoranthene	1700	ug/Kg		120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benzo(k)fluoranthene	600	ug/Kg		120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Chrysene	700	ug/Kg		130	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benzo(a)pyrene	690	ug/Kg		120	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benz(a)anthracene	710	ug/Kg		130	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Aniline		ug/Kg	U	300	300
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	740	1900
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	100	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Acenaphthene	150	ug/Kg	J	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	99	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Phenanthrene	1300	ug/Kg		110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	96	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Fluorene	160	ug/Kg	J	120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Carbazole	150	ug/Kg	J	150	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	220	370
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	110	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	120	260
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	190
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	740	370
19B3 (0-2) 20191107	CE57960	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B3 (0-2) 20191107	CE57960	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B3 (0-2) 20191107	CE57960	SW7471	11/7/2019	5	Mercury	0.19	mg/Kg	J-	0.04	0.07
19B3 (18-20) 20191107	CE57961	SW7471	11/7/2019	2	Mercury		mg/Kg	UJ	0.02	0.03
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.2	1.5
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	230	250
19B3 (18-20) 20191107	CE57961	E160.3	11/7/2019	1	SOLIDS, PERCENT	90	%		0	0
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	10	Aluminum	5920	mg/Kg	J+	7.3	37
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	10	Iron	16800	mg/Kg	J+	37	37
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	10	Manganese	230	mg/Kg		3.7	3.7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Lead	4.1	mg/Kg		0.37	0.7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Magnesium	2130	mg/Kg		3.7	3.7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Nickel	9.14	mg/Kg		0.37	0.37



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Potassium	1030	mg/Kg		2.9	7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.37	0.37
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Sodium	227	mg/Kg		3.1	7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.5	1.5
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.7	3.7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Arsenic	2.31	mg/Kg		0.73	0.73
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Barium	38.9	mg/Kg		0.37	0.7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Beryllium	0.33	mg/Kg		0.15	0.29
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Cadmium	0.62	mg/Kg		0.37	0.37
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Chromium	15.8	mg/Kg		0.37	0.37
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Cobalt	5.62	mg/Kg		0.37	0.37
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Copper	12.6	mg/Kg		0.37	0.7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Vanadium	24.4	mg/Kg		0.37	0.37
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Zinc	21.9	mg/Kg		0.37	0.7
19B3 (18-20) 20191107	CE57961	SW6010	11/7/2019	1	Calcium	2260	mg/Kg		3.4	3.7
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.6	3.6
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	UJ	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	36	36
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.6	3.6
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	36	36
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	UJ	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	140	140
19B3 (18-20) 20191107	CE57961	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.2	7.2
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	72	72



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	72	72
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.50	20
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	5.0	25
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Acetone	6.5	ug/Kg	J	5.0	25
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.50	5.0



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	2.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	5.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	360
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	90	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	290



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Phenol		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	89	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	93	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	120	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	250	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	72	220
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Aniline		ug/Kg	U	290	290
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	720	1800
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	100	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	96	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	93	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	140	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	250	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	360
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	250
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	720	360
19B3 (18-20) 20191107	CE57961	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B3 (18-20) 20191107	CE57961	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	21
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	220	240
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.1	1.3
19B4 (0-2) 20191107	CE57962	E160.3	11/7/2019	1	SOLIDS, PERCENT	94	%		0	0
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	10	Aluminum	9350	mg/Kg	J+	6.4	32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	10	Iron	21800	mg/Kg	J+	32	32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	10	Magnesium	8670	mg/Kg		32	32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	10	Manganese	387	mg/Kg		3.2	3.2
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	10	Calcium	36900	mg/Kg		29	32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Lead	366	mg/Kg		0.32	0.6
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Nickel	15.7	mg/Kg		0.32	0.32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Potassium	1140	mg/Kg		2.5	6
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.32	0.32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Sodium	378	mg/Kg		2.8	6
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.3	1.3



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.2	3.2
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Arsenic	5.10	mg/Kg		0.64	0.64
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Barium	178	mg/Kg		0.32	0.6
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Beryllium	0.42	mg/Kg		0.13	0.26
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Cadmium	1.36	mg/Kg		0.32	0.32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Chromium	20.5	mg/Kg		0.32	0.32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Cobalt	7.30	mg/Kg		0.32	0.32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Copper	75.1	mg/Kg		0.32	0.6
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Vanadium	29.9	mg/Kg		0.32	0.32
19B4 (0-2) 20191107	CE57962	SW6010	11/7/2019	1	Zinc	217	mg/Kg		0.32	0.6
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.5	3.5
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.1	2.1
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	a-Chlordane	16	ug/Kg		3.5	3.5
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	g-Chlordane	10	ug/Kg		3.5	3.5
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	UJ	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Chlordane	76	ug/Kg		35	35
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.5	3.5
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	35	35
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.1	2.1
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.1	2.1
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	UJ	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	140	140
19B4 (0-2) 20191107	CE57962	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.0	7.0
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	70	70
19B4 (0-2) 20191107	CE57962	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	70	70



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.52	21
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.2	26
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	10
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	10
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	5.2	26
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Acetone		ug/Kg	U	5.2	26
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	2.1	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	1.0	5.2



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	5.2	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	21	100
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.2	31
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.52	5.2
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	350
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	350
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	87	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	100	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	160	280
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Phenol		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	86	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	94	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	96	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	240



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	90	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	100	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	120	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Pyrene	290	ug/Kg		120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	100	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene	120	ug/Kg	J	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benzo(b)fluoranthene	210	ug/Kg	J	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Fluoranthene	300	ug/Kg		110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benzo(k)fluoranthene	170	ug/Kg	J	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	98	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Chrysene	200	ug/Kg	J	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	97	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benzo(a)pyrene	190	ug/Kg		110	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	240	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	70	210
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	110	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	100	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benz(a)anthracene	170	ug/Kg	J	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	110	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Aniline		ug/Kg	U	280	280
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	99	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	700	1700
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	100	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	98	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	93	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Phenanthrene	140	ug/Kg	J	100	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	90	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	130	240



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	140	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	130	210
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	240	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	100	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	99	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	160	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	350
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	160	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	99	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	99	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	190	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	240
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	120	170
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	700	350
19B4 (0-2) 20191107	CE57962	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	240
19B4 (0-2) 20191107	CE57962	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B4 (0-2) 20191107	CE57962	SW7471	11/7/2019	5	Mercury	0.17	mg/Kg	J-	0.04	0.06
19B4 (18-20) 20191107	CE57963	SW7471	11/7/2019	2	Mercury		mg/Kg	UJ	0.02	0.03
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.82	16
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	220	250
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.3	1.5
19B4 (18-20) 20191107	CE57963	E160.3	11/7/2019	1	SOLIDS, PERCENT	91	%		0	0
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	10	Aluminum	6910	mg/Kg	J+	7.4	37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	10	Iron	21700	mg/Kg	J+	37	37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	10	Manganese	274	mg/Kg		3.7	3.7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Lead	5.3	mg/Kg		0.37	0.7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Magnesium	2080	mg/Kg		3.7	3.7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Nickel	11.0	mg/Kg		0.37	0.37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Potassium	1030	mg/Kg		2.9	7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.37	0.37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Sodium	297	mg/Kg		3.2	7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.5	1.5
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.7	3.7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Arsenic	1.72	mg/Kg		0.74	0.74
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Barium	37.1	mg/Kg		0.37	0.7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Beryllium	0.39	mg/Kg		0.15	0.30



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Cadmium	0.80	mg/Kg		0.37	0.37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Chromium	20.9	mg/Kg		0.37	0.37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Cobalt	7.01	mg/Kg		0.37	0.37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Copper	15.5	mg/Kg		0.37	0.7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Vanadium	30.6	mg/Kg		0.37	0.37
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Zinc	27.2	mg/Kg		0.37	0.7
19B4 (18-20) 20191107	CE57963	SW6010	11/7/2019	1	Calcium	1480	mg/Kg		3.4	3.7
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.6	3.6
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	36	36
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.6	3.6
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	36	36
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	150	150
19B4 (18-20) 20191107	CE57963	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.3	7.3
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	73	73
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.41	4.1



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.41	16
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.1	21
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.1	8.2
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.2
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.82	8.2
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	4.1	21
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Acetone	5.7	ug/Kg	J	4.1	21
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	1.6	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.41	4.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	4.1	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	16	82
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.1	25
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.82	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.41	4.1
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	350
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	350
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	88	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	280
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Phenol		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	87	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	96	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	98	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	92	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	100	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	120	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	99	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	120	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	250	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	71	210
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	110	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	110	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Aniline		ug/Kg	U	280	280
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	710	1800
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	99	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	94	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	92	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	140	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	130	210
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	250	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	350
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	190	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	250
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	120	180
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	710	350
19B4 (18-20) 20191107	CE57963	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B4 (18-20) 20191107	CE57963	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	120	240
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.2	25
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	220	240
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.1	1.4
19B5 (0-2) 20191107	CE57964	E160.3	11/7/2019	1	SOLIDS, PERCENT	96	%		0	0
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	10	Aluminum	8750	mg/Kg	J+	6.8	34
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	10	Iron	29400	mg/Kg	J+	34	34
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	10	Manganese	630	mg/Kg		3.4	3.4
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	10	Copper	181	mg/Kg		3.4	6.8
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Lead	210	mg/Kg		0.34	0.7
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Magnesium	2970	mg/Kg		3.4	3.4
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Nickel	17.3	mg/Kg		0.34	0.34
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Potassium	1300	mg/Kg		2.6	7
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.34	0.34
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Sodium	269	mg/Kg		2.9	7
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.4	3.4
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Arsenic	3.33	mg/Kg		0.68	0.68
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Barium	185	mg/Kg		0.34	0.7
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Beryllium	0.46	mg/Kg		0.14	0.27
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Cadmium	1.56	mg/Kg		0.34	0.34
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Chromium	25.1	mg/Kg		0.34	0.34
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Cobalt	8.35	mg/Kg		0.34	0.34
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Vanadium	38.9	mg/Kg		0.34	0.34



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QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Zinc	164	mg/Kg		0.34	0.7
19B5 (0-2) 20191107	CE57964	SW6010	11/7/2019	1	Calcium	5050	mg/Kg		3.1	3.4
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.5	3.5
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.1	2.1
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	a-Chlordane	39	ug/Kg		3.5	3.5
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	g-Chlordane	27	ug/Kg		3.5	3.5
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Chlordane	210	ug/Kg		35	35
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.5	3.5
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Endrin		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	35	35
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.1	2.1
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.1	2.1
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	140	140
19B5 (0-2) 20191107	CE57964	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	6.9	6.9
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	69	69
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Ethylbenzene	1.1	ug/Kg	J	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.61	6.1



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QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.61	25
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	6.1	31
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	3.1	12
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.1	12
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.2	12
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	m&p-Xylene	2.9	ug/Kg	J	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	6.1	31
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Acetone	11	ug/Kg	J	6.1	31
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	2.5	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	6.1	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	1.2	6.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	25	120
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	6.1	37
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.2	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.61	6.1
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	110	340
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	150	340
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	84	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	100	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	160	270
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Phenol		ug/Kg	U	110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	84	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	92	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	94	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	98	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	88	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	99	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Anthracene	500	ug/Kg		110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	100	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	120	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	130	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Pyrene	5900	ug/Kg		120	240



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	99	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benzo(ghi)perylene	2000	ug/Kg		110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene	2200	ug/Kg		110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benzo(b)fluoranthene	2800	ug/Kg		120	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Fluoranthene	6600	ug/Kg		110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benzo(k)fluoranthene	2300	ug/Kg		110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	95	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Chrysene	3500	ug/Kg		110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	94	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benzo(a)pyrene	2700	ug/Kg		110	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	240	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	68	200
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Dibenz(a,h)anthracene	400	ug/Kg		110	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	100	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benz(a)anthracene	3100	ug/Kg		110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	120	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	110	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Aniline		ug/Kg	U	270	270
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	96	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	680	1700
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	100	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	100	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	95	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	100	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	90	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Phenanthrene	2100	ug/Kg		97	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	88	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	130	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Carbazole	140	ug/Kg	J	140	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	120	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	130	200
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	240	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	98	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	100	240



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	96	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	160	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	200	340
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	160	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	96	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	96	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	190	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	240
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	120	170
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	680	340
19B5 (0-2) 20191107	CE57964	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	130	240
19B5 (0-2) 20191107	CE57964	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B5 (0-2) 20191107	CE57964	SW7471	11/7/2019	5	Mercury	0.12	mg/Kg	J-	0.04	0.07
19B5 (18-20) 20191107	CE57965	SW7471	11/7/2019	2	Mercury		mg/Kg	UJ	0.02	0.03
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	220	240
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.2	1.4
19B5 (18-20) 20191107	CE57965	E160.3	11/7/2019	1	SOLIDS, PERCENT	93	%		0	0
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	10	Aluminum	4380	mg/Kg	J+	6.8	34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	10	Iron	10300	mg/Kg	J+	34	34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	10	Manganese	348	mg/Kg		3.4	3.4
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Lead	2.9	mg/Kg		0.34	0.7
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Magnesium	1670	mg/Kg		3.4	3.4
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Nickel	8.56	mg/Kg		0.34	0.34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Potassium	833	mg/Kg		2.7	7
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.34	0.34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Sodium	137	mg/Kg		2.9	7
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.4	3.4
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Arsenic	0.83	mg/Kg		0.68	0.68
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Barium	37.1	mg/Kg		0.34	0.7
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Beryllium	0.23	mg/Kg	J	0.14	0.27
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Cadmium	0.43	mg/Kg		0.34	0.34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Chromium	11.5	mg/Kg		0.34	0.34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Cobalt	4.34	mg/Kg		0.34	0.34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Copper	10.1	mg/Kg		0.34	0.7
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Vanadium	17.6	mg/Kg		0.34	0.34
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Zinc	17.3	mg/Kg		0.34	0.7
19B5 (18-20) 20191107	CE57965	SW6010	11/7/2019	1	Calcium	943	mg/Kg		3.1	3.4
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.1	7.1



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QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.6	3.6
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.1	2.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	UJ	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	36	36
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.6	3.6
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	36	36
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.1	2.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.1	2.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	UJ	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	140	140
19B5 (18-20) 20191107	CE57965	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.1	7.1
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	71	71
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.51	5.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.51	20
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.1	26
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	10
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	10
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	5.1	26
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Acetone	5.6	ug/Kg	J	5.1	26
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	2.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	5.1	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.1	31
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.51	5.1
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	350
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	350
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	87	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	160	280
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Phenol		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Pyridine		ug/Kg	UJ	86	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	94	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	96	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	90	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	100	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	120	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	110	240



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	98	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	97	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	110	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	240	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	70	210
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	110	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	110	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Aniline		ug/Kg	U	280	280
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	UJ	99	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	700	1700
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	100	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	98	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	93	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	90	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	130	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	140	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	130	210
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	240	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	100	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	99	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	160	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	350



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	160	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	99	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	99	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	190	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	240
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	120	170
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	700	350
19B5 (18-20) 20191107	CE57965	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	240
19B5 (18-20) 20191107	CE57965	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	230	250
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.2	1.4
19B6 (0-2) 20191107	CE57966	E160.3	11/7/2019	1	SOLIDS, PERCENT	90	%		0	0
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	10	Aluminum	10400	mg/Kg	J+	6.8	34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	10	Iron	18700	mg/Kg	J+	34	34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	10	Manganese	379	mg/Kg		3.4	3.4
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	10	Calcium	17200	mg/Kg		31	34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Lead	191	mg/Kg		0.34	0.7
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Magnesium	3880	mg/Kg		3.4	3.4
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Nickel	17.2	mg/Kg		0.34	0.34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Potassium	1520	mg/Kg		2.6	7
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.34	0.34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Sodium	471	mg/Kg		2.9	7
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.4	3.4
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Arsenic	6.43	mg/Kg		0.68	0.68
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Barium	220	mg/Kg		0.34	0.7
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Beryllium	0.46	mg/Kg		0.14	0.27
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Cadmium	0.98	mg/Kg		0.34	0.34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Chromium	20.4	mg/Kg		0.34	0.34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Cobalt	8.19	mg/Kg		0.34	0.34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Copper	92.1	mg/Kg		0.34	0.7
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Vanadium	30.1	mg/Kg		0.34	0.34
19B6 (0-2) 20191107	CE57966	SW6010	11/7/2019	1	Zinc	211	mg/Kg		0.34	0.7
19B6 (0-2) 20191107	CE57966	SW7471	11/7/2019	5	Mercury	0.35	mg/Kg	J-	0.04	0.07
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.3	7.3



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	37	37
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	37	37
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	150	150
19B6 (0-2) 20191107	CE57966	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.3	7.3
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	73	73
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.50	20
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.50	5.0



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	5.0	25
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Acetone		ug/Kg	U	5.0	25
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	2.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	5.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30



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QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	360
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	89	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Phenol		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	88	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	92	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	100	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Pyrene	540	ug/Kg		120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benzo(ghi)perylene	340	ug/Kg		120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene	380	ug/Kg		120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benzo(b)fluoranthene	430	ug/Kg		120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Fluoranthene	610	ug/Kg		120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benzo(k)fluoranthene	360	ug/Kg		120	250



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Chrysene	280	ug/Kg		120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benzo(a)pyrene	490	ug/Kg		120	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	250	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	72	220
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benz(a)anthracene	280	ug/Kg		120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Aniline		ug/Kg	U	290	290
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	720	1800
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	100	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	95	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Phenanthrene	410	ug/Kg		100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	92	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	140	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	250	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	360
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	250
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	720	360
19B6 (0-2) 20191107	CE57966	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B6 (0-2) 20191107	CE57966	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B6 (18-20) 20191107	CE57967	SW7471	11/7/2019	2	Mercury		mg/Kg	UJ	0.02	0.03
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.81	16
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	230	250
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Selenium		mg/Kg	UJ	1.3	1.5
19B6 (18-20) 20191107	CE57967	E160.3	11/7/2019	1	SOLIDS, PERCENT	91	%		0	0
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	10	Aluminum	5580	mg/Kg	J+	7.7	39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	10	Iron	17700	mg/Kg	J+	39	39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	10	Manganese	277	mg/Kg		3.9	3.9
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Lead	3.4	mg/Kg		0.39	0.8
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Magnesium	2000	mg/Kg		3.9	3.9
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Nickel	10.0	mg/Kg		0.39	0.39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Potassium	1220	mg/Kg		3.0	8
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.39	0.39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Sodium	191	mg/Kg		3.3	8
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.5	1.5
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.9	3.9
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Arsenic	1.86	mg/Kg		0.77	0.77
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Barium	42.9	mg/Kg		0.39	0.8
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Beryllium	0.28	mg/Kg	J	0.15	0.31
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Cadmium	0.63	mg/Kg		0.39	0.39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Chromium	16.1	mg/Kg		0.39	0.39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Cobalt	5.88	mg/Kg		0.39	0.39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Copper	12.6	mg/Kg		0.39	0.8
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Vanadium	30.6	mg/Kg		0.39	0.39
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Zinc	24.6	mg/Kg		0.39	0.8
19B6 (18-20) 20191107	CE57967	SW6010	11/7/2019	1	Calcium	1470	mg/Kg		3.6	3.9
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.6	3.6
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	36	36
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.6	3.6
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	36	36
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	150	150
19B6 (18-20) 20191107	CE57967	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.3	7.3
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	73	73
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.41	16
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.1	20
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.0	8.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.0	8.1



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.81	8.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	4.1	20
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Acetone	12	ug/Kg	J	4.1	20
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	1.6	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	4.1	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	16	81
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.1	24
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.81	4.1



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.81	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.41	4.1
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	360
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	90	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Phenol		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	90	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	94	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	130	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	120	180



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	250	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	73	220
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Aniline		ug/Kg	U	290	290
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	730	1800
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	100	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	97	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	94	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	150	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	250	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	360
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	250
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	730	360
19B6 (18-20) 20191107	CE57967	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B6 (18-20) 20191107	CE57967	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B17 (0-2) 20191107	CE57968	E160.3	11/7/2019	1	SOLIDS, PERCENT	91	%		0	0
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	10	Aluminum	7170	mg/Kg		6.5	33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	10	Iron	15800	mg/Kg		33	33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	10	Magnesium	5020	mg/Kg		33	33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	10	Manganese	240	mg/Kg		3.3	3.3
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	10	Calcium	32400	mg/Kg	J+	30	33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Lead	597	mg/Kg		0.33	0.7
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Nickel	12.7	mg/Kg		0.33	0.33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Potassium	2220	mg/Kg		2.6	7
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.33	0.33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Sodium	202	mg/Kg		2.8	7
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.3	1.3
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.3	3.3
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Arsenic	2.11	mg/Kg		0.65	0.65
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Barium	73.6	mg/Kg		0.33	0.7
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Beryllium	0.28	mg/Kg		0.13	0.26
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Cadmium	0.71	mg/Kg		0.33	0.33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Chromium	16.0	mg/Kg		0.33	0.33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Cobalt	6.86	mg/Kg		0.33	0.33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Copper	28.6	mg/Kg	J-	0.33	0.7
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Vanadium	22.4	mg/Kg		0.33	0.33
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Zinc	99.2	mg/Kg	J+	0.33	0.7
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.6	3.6
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.6	3.6
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.6	3.6
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	36	36
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.4	1.4
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.6	3.6
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	36	36
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	140	140
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.2	7.2
19B17 (0-2) 20191107	CE57968	SW8081	11/7/2019	100	Endrin aldehyde	3200	ug/Kg		360	360
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	72	72
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Ethylbenzene	0.48	ug/Kg	J	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.42	17
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.2	21
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene	0.65	ug/Kg	J	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Toluene	1.9	ug/Kg	J	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.1	8.4
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.4
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.84	8.4
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	m&p-Xylene	1.6	ug/Kg	J	0.84	4.2



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	4.2	21
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Acetone	6.6	ug/Kg	J	4.2	21
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Benzene	1.6	ug/Kg	J	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	1.7	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	4.2	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	17	84
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.2	25
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	o-Xylene	0.86	ug/Kg	J	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene	0.71	ug/Kg	J	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.84	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.42	4.2



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.42	4.2
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	360
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	89	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Phenol		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	88	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate	580	ug/Kg		100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	92	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	100	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Pyrene	990	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benzo(ghi)perylene	450	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene	530	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benzo(b)fluoranthene	520	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Fluoranthene	1100	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benzo(k)fluoranthene	490	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Acenaphthylene	140	ug/Kg	J	100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Chrysene	530	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benzo(a)pyrene	630	ug/Kg		120	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	250	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	72	210
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benz(a)anthracene	570	ug/Kg		120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Aniline		ug/Kg	U	290	290



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	UJ	720	1800
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	1400	1400
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	130	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	95	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Phenanthrene	400	ug/Kg		100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benzyl butyl phthalate	6300	ug/Kg		92	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	140	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	210
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	UJ	250	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	230	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	360
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	250
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	720	360
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
19B17 (0-2) 20191107	CE57968	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B17 (0-2) 20191107	CE57968	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
19B17 (0-2) 20191107	CE57968	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.84	17
19B17 (0-2) 20191107	CE57968	SW6010	11/7/2019	1	Selenium		mg/Kg	U	1.1	1.3
19B17 (0-2) 20191107	CE57968	SW7471	11/7/2019	2	Mercury	0.10	mg/Kg	J-	0.02	0.03
19B17 (18-20) 20191107	CE57970	E160.3	11/7/2019	1	SOLIDS, PERCENT	90	%		0	0
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	10	Aluminum	6130	mg/Kg		6.9	34
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	10	Iron	18200	mg/Kg		34	34



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	10	Manganese	262	mg/Kg		3.4	3.4
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Lead	3.7	mg/Kg		0.34	0.7
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Magnesium	3270	mg/Kg		3.4	3.4
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Nickel	9.40	mg/Kg		0.34	0.34
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Potassium	1030	mg/Kg		2.7	7
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Silver		mg/Kg	U	0.34	0.34
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Sodium	275	mg/Kg		2.9	7
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Thallium		mg/Kg	U	1.4	1.4
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Antimony		mg/Kg	U	3.4	3.4
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Arsenic	1.82	mg/Kg		0.69	0.69
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Barium	41.8	mg/Kg		0.34	0.7
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Beryllium	0.27	mg/Kg	J	0.14	0.27
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Cadmium	0.62	mg/Kg		0.34	0.34
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Chromium	15.2	mg/Kg		0.34	0.34
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Cobalt	6.39	mg/Kg		0.34	0.34
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Copper	14.2	mg/Kg	J-	0.34	0.7
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Vanadium	28.4	mg/Kg		0.34	0.34
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Zinc	22.4	mg/Kg	J+	0.34	0.7
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Calcium	4310	mg/Kg	J+	3.2	3.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Aldrin		ug/Kg	U	3.7	3.7
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	a-BHC		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	b-BHC		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	d-BHC		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Endosulfan II		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	4,4' -DDT		ug/Kg	U	2.2	2.2
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	a-Chlordane		ug/Kg	U	3.7	3.7
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	g-Chlordane		ug/Kg	U	3.7	3.7
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Endrin ketone		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Chlordane		ug/Kg	U	37	37
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	g-BHC		ug/Kg	U	1.5	1.5
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Dieldrin		ug/Kg	U	3.7	3.7
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Endrin		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Methoxychlor		ug/Kg	U	37	37
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	4,4' -DDD		ug/Kg	U	2.2	2.2
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	4,4' -DDE		ug/Kg	U	2.2	2.2
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Endrin aldehyde		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Heptachlor		ug/Kg	U	7.4	7.4
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Toxaphene		ug/Kg	U	150	150
19B17 (18-20) 20191107	CE57970	SW8081	11/7/2019	2	Endosulfan I		ug/Kg	U	7.4	7.4



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1260		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1254		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1268		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1221		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1232		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1248		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1016		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1262		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8082	11/7/2019	2	PCB-1242		ug/Kg	U	74	74
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.39	16
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	3.9	20
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.0	7.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.0	7.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.79	7.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.39	3.9



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	3.9	20
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Acetone	6.6	ug/Kg	J	3.9	20
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	1.6	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	3.9	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Carbon Disulfide	1.1	ug/Kg	J	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	16	79
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	3.9	24
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.79	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.39	3.9
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	120	360
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	160	360



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	90	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	170	290
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Phenol		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	90	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	94	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	110	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	130	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	120	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	73	220
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Aniline		ug/Kg	U	290	290
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	730	1800
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	100	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	97	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	94	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	150	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	130	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	220
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	210	360
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	100	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	110	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	180
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	730	360
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	260
19B17 (18-20) 20191107	CE57970	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B17 (18-20) 20191107	CE57970	SW7471	11/7/2019	2	Mercury		mg/Kg	UJ	0.02	0.03
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	230	260
19B17 (18-20) 20191107	CE57970	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
19B17 (18-20) 20191107	CE57970	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.79	16
19B17 (18-20) 20191107	CE57970	SW6010	11/7/2019	1	Selenium		mg/Kg	U	1.2	1.4
19B1 (36') 20191107	CE57971	E160.3	11/7/2019	1	SOLIDS, PERCENT	85	%		0	0
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Ethylbenzene	0.67	ug/Kg	J	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.44	4.4



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.44	17
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	4.4	22
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene	0.55	ug/Kg	J	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.2	8.7
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	8.7
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.87	8.7
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	m&p-Xylene	0.92	ug/Kg	J	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	4.4	22
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Acetone	13	ug/Kg	J	4.4	22
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	1.7	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	4.4	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Carbon Disulfide	2.1	ug/Kg	J	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	0.87	4.4



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Tert-butyl alcohol	110	ug/Kg		17	87
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	4.4	26
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene	1.9	ug/Kg	J	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.87	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.44	4.4
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	130	390
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	180	390
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	96	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	180	310
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Phenol		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	96	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	100	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	110	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	140	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	150	190



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	130	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	270	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	78	230
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	130	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Aniline		ug/Kg	U	310	310
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	780	1900
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	120	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	110	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	100	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benzyol butyl phthalate		ug/Kg	U	100	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	130	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	160	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	140	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	150	230
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	270	270



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	230	390
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	110	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	120	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	140	190
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	780	390
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
19B1 (36') 20191107	CE57971	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	250	270
19B1 (36') 20191107	CE57971	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
19B1 (36') 20191107	CE57971	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.87	17
19B18 (28') 20191107	CE57972	E160.3	11/7/2019	1	SOLIDS, PERCENT	88	%		0	0
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	4-Nitroaniline		ug/Kg	U	130	380
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	4-Nitrophenol		ug/Kg	U	170	380
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2,4-Dimethylphenol		ug/Kg	U	93	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	4-Chloroaniline		ug/Kg	U	180	300
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Phenol		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Pyridine		ug/Kg	U	92	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Di-n-octylphthalate		ug/Kg	U	97	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Hexachlorobenzene		ug/Kg	U	110	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Anthracene		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2,4-Dichlorophenol		ug/Kg	U	130	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Pyrene		ug/Kg	U	130	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Dimethylphthalate		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Dibenzofuran		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benzo(ghi)perylene		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Fluoranthene		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Acenaphthylene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Chrysene		ug/Kg	U	130	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benzo(a)pyrene		ug/Kg	U	120	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2,4-Dinitrophenol		ug/Kg	U	260	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	75	230
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benz(a)anthracene		ug/Kg	U	130	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Aniline		ug/Kg	U	300	300
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benzoic acid		ug/Kg	U	750	1900
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Hexachloroethane		ug/Kg	U	110	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Isophorone		ug/Kg	U	110	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Pentachloronitrobenzene		ug/Kg	U	140	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Acenaphthene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Diethyl phthalate		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Di-n-butylphthalate		ug/Kg	U	100	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Phenanthrene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benzyl butyl phthalate		ug/Kg	U	97	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Fluorene		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Carbazole		ug/Kg	U	150	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	140	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Pentachlorophenol		ug/Kg	U	140	230
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2-Nitroaniline		ug/Kg	U	260	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Naphthalene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2-Methylnaphthalene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2-Chloronaphthalene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Benzidine		ug/Kg	U	220	380
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2-Chlorophenol		ug/Kg	U	110	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2,4,5-Trichlorophenol		ug/Kg	U	210	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Acetophenone		ug/Kg	U	120	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	Nitrobenzene		ug/Kg	U	130	190
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	3-Nitroaniline		ug/Kg	U	750	380
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
19B18 (28') 20191107	CE57972	SW8270C-SIM	11/7/2019	1	1,4-dioxane		ug/Kg	U	100	100
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	2-Nitrophenol		ug/Kg	UJ	240	260
19B18 (28') 20191107	CE57972	SW8270	11/7/2019	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Ethylbenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Styrene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	cis-1,3-Dichloropropene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	trans-1,3-Dichloropropene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	n-Propylbenzene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	n-Butylbenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	4-Chlorotoluene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,4-Dichlorobenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2-Dibromoethane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Acrolein		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2-Dichloroethane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Acrylonitrile		ug/Kg	U	25	1000
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	4-Methyl-2-pentanone		ug/Kg	U	250	1300
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,3,5-Trimethylbenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Bromobenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Toluene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Chlorobenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Tetrahydrofuran (THF)		ug/Kg	U	130	500
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	500
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2,4-Trichlorobenzene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Dibromochloromethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Tetrachloroethene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	sec-Butylbenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,3-Dichloropropane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	cis-1,2-Dichloroethene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	trans-1,2-Dichloroethene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	50	500
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	m&p-Xylene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	2-Isopropyltoluene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,3-Dichlorobenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Carbon tetrachloride		ug/Kg	U	50	250



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,1-Dichloropropene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	2-Hexanone		ug/Kg	U	250	1300
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	2,2-Dichloropropane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	50	1000
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Acetone		ug/Kg	U	250	1300
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Chloroform		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Benzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,1,1-Trichloroethane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Bromomethane		ug/Kg	U	100	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Chloromethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Dibromomethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Bromochloromethane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Chloroethane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Vinyl chloride		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Methylene chloride		ug/Kg	U	250	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Carbon Disulfide		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Bromoform		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Bromodichloromethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,1-Dichloroethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,1-Dichloroethene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Tert-butyl alcohol		ug/Kg	U	1000	5000
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Trichlorofluoromethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Dichlorodifluoromethane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Trichlorotrifluoroethane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2-Dichloropropane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Methyl Ethyl Ketone		ug/Kg	U	250	1500
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,1,2-Trichloroethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Trichloroethene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2,3-Trichlorobenzene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Hexachlorobutadiene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Naphthalene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	o-Xylene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	2-Chlorotoluene		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2-Dichlorobenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2,4-Trimethylbenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	50	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	1,2,3-Trichloropropane		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	tert-Butylbenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	Isopropylbenzene		ug/Kg	U	25	250
CE57973-TB 20191107	CE57973	SW8260	11/7/2019	50	p-Isopropyltoluene		ug/Kg	U	25	250



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Ethylbenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Styrene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Acrolein		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Acrylonitrile		ug/Kg	U	0.50	20
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Bromobenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Toluene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Chlorobenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	m&p-Xylene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	2-Hexanone		ug/Kg	U	5.0	25
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Acetone		ug/Kg	U	5.0	25
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Chloroform		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Benzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Bromomethane		ug/Kg	U	2.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Chloromethane		ug/Kg	U	1.0	5.0



69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57958

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Dibromomethane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Bromochloromethane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Chloroethane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Vinyl chloride		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Methylene chloride		ug/Kg	U	5.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Bromoform		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Tert-butyl alcohol		ug/Kg	U	20	100
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Trichloroethene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Naphthalene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	o-Xylene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
CE57974-TB 20191107	CE57974	SW8260	11/7/2019	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0

DATA USABILITY SUMMARY REPORT (DUSR)
TOTAL/TCLP LEAD
USEPA Region II –Data Validation

Site: 69-02 Queens Blvd, Queens, NY	SDG #: GCE57937
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 01/24/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
2PB1 (0-4)	CE57937	11/07/2019	Total/TCLP Lead	Soil
2PB1 (4-8)	CE57938	11/07/2019	Total/TCLP Lead	Soil
2PB2 (0-4)	CE57939	11/07/2019	Total/TCLP Lead	Soil
2PB2 (4-8)	CE57940	11/07/2019	Total/TCLP Lead	Soil
2PB2 (8-12)	CE57941	11/07/2019	Total/TCLP Lead	Soil
2PB2 (12-16)	CE57942	11/07/2019	Total/TCLP Lead	Soil
2PB3 (0-4)	CE57943	11/07/2019	Total/TCLP Lead	Soil
2PB3 (4-8)	CE57944	11/07/2019	Total/TCLP Lead	Soil
2PB3 (8-12)	CE57945	11/07/2019	Total/TCLP Lead	Soil
2PB3 (12-16)	CE57946	11/07/2019	Total/TCLP Lead	Soil
3PB1 (0-4)	CE57947	11/07/2019	Total/TCLP Lead	Soil
3PB1 (4-8)	CE57948	11/07/2019	Total/TCLP Lead	Soil
3PB1 (8-12)	CE57949	11/07/2019	Total/TCLP Lead	Soil
3PB1 (12-16)	CE57950	11/07/2019	Total/TCLP Lead	Soil
3PB2 (0-4)	CE57951	11/07/2019	Total/TCLP Lead	Soil
3PB2 (4-8)	CE57952	11/07/2019	Total/TCLP Lead	Soil
3PB2 (8-12)	CE57953	11/07/2019	Total/TCLP Lead	Soil
3PB2 (12-16)	CE57954	11/07/2019	Total/TCLP Lead	Soil
3PB3 (0-4)	CE57955	11/07/2019	Total/TCLP Lead	Soil
3PB3 (4-8)	CE57956	11/07/2019	Total/TCLP Lead	Soil
3PB3 (8-12)	CE57957	11/07/2019	Total/TCLP Lead	Soil

Summary - Data validation was performed on the data for twenty-one (21) soil samples that were collected from 69-02 Queens Blvd, Queens, NY on 11/07/2019 and submitted for the following analyses:

- 1.1 Total Metals (Lead) -ICP-AES by SW-846 Method 6010C
- 1.2 TCLP Metals by SW-846 Method 1311 and SW-846 Method 6010C

Narrative and Completeness Review – The case narrative and data package were checked for completeness. No discrepancies were noted.

Sample Delivery and Condition – All samples arrived at the laboratory on 11/11/2019 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All soil/TCLP samples were analyzed within the 6 months holding times for lead analysis by ICP-AES.

Qualification: None required.

Initial and Continuing Calibration Verification (ICV and CCV) – ICP-AES – All %RECs in the ICV and CCVs were within QC limits for total/TCLP lead.

Qualification: None required.

CRQL Check Standard (CRI) –CRI analyzed %RECs were within the control limits for total/TCLP lead.

Qualification: None required.

ICP-AES Interference Check Sample – All %REC values were within the QC limits for ICSA and ICSAB for total/TCLP lead.

Qualification: None required.

Blanks (Method Blank, ICB and CCB)

– ICP-AES Method Blank-Soil (CE57937 BLK) digested on 11/11/2019 was free of contamination for total lead.

Qualification: None required.

– ICP-AES Method Blank-Soil (CE57948 BLK) digested on 11/11/2019 was free of contamination for total lead.

Qualification: None required.

– All ICB and CCBs were free of contamination for total lead.

Qualification: None required.

– ICP-AES Method Blank-TCLP Soil (CE57888 BLK) digested on 11/12/2019 was free of contamination for TCLP lead.

Qualification: None required.

– ICP-AES Method Blank-TCLP Soil (CE58223 BLK) digested on 11/12/2019 was free of contamination for TCLP lead.

Qualification: None required.

- ICBs and CCBs associated with the field samples were free of contamination for TCLP lead.

Qualification: None required.

Field Blank (FB) and Equipment Blank (EB) – Field Blanks were not submitted with this SDG.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – ICP-AES and TCLP – Laboratory Control Sample %RECs were within the laboratory control limits for total/TCLP lead.

Qualification: None required.

Field Duplicate – A soil duplicate pair was not submitted with this SDG.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – ICP-AES– Matrix Spike (MS) was performed on sample 2PB1 (0-4) (CE57937). %RECs were within the laboratory control limits.

Qualification: None required.

- ICP-AES– Matrix Spike (MS) was performed on sample 3PB1 (4-8) (CE57948). %RECs were within the laboratory control limits.

Qualification: None required.

- TCLP– Matrix Spike (MS) was not performed on a sample from this SDG.

Qualification: None required.

Sample Duplicate – ICP-AES and TCLP – ICP-AES– Laboratory Duplicate was performed on sample 2PB1 (0-4) (CE57937). Lead RPD (31.4%) was outside the laboratory control limits.

Qualification: Result for lead was qualified as estimated (J) in sample 2PB1 (0-4).

- ICP-AES– Laboratory Duplicate was performed on sample 3PB1 (4-8) (CE57948). Lead RPD was inside the laboratory control limits.

Qualification: None required.

- TCLP– Laboratory Duplicate was not performed on a sample from this SDG.

Qualification: None required.

ICP-AES Serial Dilution – ICP serial dilution was performed on total sample 2PB1 (0-4) (CE57937). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$).

Qualification: None required.

– ICP serial dilution was performed on total sample 3PB1 (4-8) (CE57948). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$).

Qualification: None required.

– ICP serial dilution was not performed on a sample from this SDG.

Qualification: None required.

Verification of Instrumental Parameters – The following Forms were present in the data package:

- Method Detection Limits, Form- X.
- ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
- ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits – All sample results were reported within the linear calibration range.

Qualification: None required.

– %Solids for all soil samples in this SDG were $>50\%$.

Qualification: None required.

Manual calculation

Sample: 2PB2 (0-4) (CE57939)

Total Lead

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{C \times V \times DF \times 1L \times 1000g \times 1mg}{W \times S \times 1000ml \times 1 kg \times 1000ug}$$

$$V = 50ml$$

$$W = 0.75g$$

$$\%Solids = 92$$

$$DF = 1.0$$

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{274.34 ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.75 \times 0.92 \times 1000ml \times 1 kg \times 1000ug} = 19.88 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Total Lead	19.9	19.9	0.0

Data Review Summary – The total/TCLP lead results reported in this SDG are acceptable as reported and may be used for their intended purpose.

- Total/TCLP lead data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- Validation qualifiers (if required) were entered into the EDD and a summary of the data are listed in the Data Summary Table for SDG: GCE57937 at the end of the data validation report.



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57937**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
2PB1 (0-4) 20191107	CE57937	1311/6010C	11/7/2019	1	TCLP Lead	0.32	mg/L		0.010	0.10
2PB1 (0-4) 20191107	CE57937	SW6010	11/7/2019	1	Lead	166	mg/Kg	J	0.35	0.7
2PB1 (4-8) 20191107	CE57938	1311/6010C	11/7/2019	1	TCLP Lead	0.18	mg/L		0.010	0.10
2PB1 (4-8) 20191107	CE57938	SW6010	11/7/2019	1	Lead	33.7	mg/Kg		0.32	0.6
2PB2 (0-4) 20191107	CE57939	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10
2PB2 (0-4) 20191107	CE57939	SW6010	11/7/2019	1	Lead	19.9	mg/Kg		0.36	0.7
2PB2 (12-16) 20191107	CE57942	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10
2PB2 (12-16) 20191107	CE57942	SW6010	11/7/2019	1	Lead	4.9	mg/Kg		0.34	0.7
2PB2 (4-8) 20191107	CE57940	1311/6010C	11/7/2019	1	TCLP Lead	6.39	mg/L		0.010	0.10
2PB2 (4-8) 20191107	CE57940	SW6010	11/7/2019	10	Lead	1270	mg/Kg		3.3	6.7
2PB2 (8-12) 20191107	CE57941	1311/6010C	11/7/2019	1	TCLP Lead	0.28	mg/L		0.010	0.10
2PB2 (8-12) 20191107	CE57941	SW6010	11/7/2019	1	Lead	221	mg/Kg		0.35	0.7
2PB3 (0-4) 20191107	CE57943	1311/6010C	11/7/2019	1	TCLP Lead	0.03	mg/L	J	0.010	0.10
2PB3 (0-4) 20191107	CE57943	SW6010	11/7/2019	1	Lead	181	mg/Kg		0.33	0.7
2PB3 (12-16) 20191107	CE57946	1311/6010C	11/7/2019	1	TCLP Lead	0.12	mg/L		0.010	0.10
2PB3 (12-16) 20191107	CE57946	SW6010	11/7/2019	1	Lead	50.0	mg/Kg		0.33	0.7
2PB3 (4-8) 20191107	CE57944	1311/6010C	11/7/2019	1	TCLP Lead	0.19	mg/L		0.010	0.10
2PB3 (4-8) 20191107	CE57944	SW6010	11/7/2019	1	Lead	142	mg/Kg		0.33	0.7
2PB3 (8-12) 20191107	CE57945	1311/6010C	11/7/2019	1	TCLP Lead	2.58	mg/L		0.010	0.10
2PB3 (8-12) 20191107	CE57945	SW6010	11/7/2019	10	Lead	1540	mg/Kg		3.4	6.8
3PB1 (0-4) 20191107	CE57947	1311/6010C	11/7/2019	1	TCLP Lead	0.24	mg/L		0.010	0.10
3PB1 (0-4) 20191107	CE57947	SW6010	11/7/2019	1	Lead	102	mg/Kg		0.33	0.7
3PB1 (12-16) 20191107	CE57950	1311/6010C	11/7/2019	1	TCLP Lead	0.01	mg/L	J	0.010	0.10
3PB1 (12-16) 20191107	CE57950	SW6010	11/7/2019	1	Lead	6.9	mg/Kg		0.31	0.6
3PB1 (4-8) 20191107	CE57948	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10
3PB1 (4-8) 20191107	CE57948	SW6010	11/7/2019	1	Lead	5.8	mg/Kg		0.38	0.8
3PB1 (8-12) 20191107	CE57949	1311/6010C	11/7/2019	1	TCLP Lead	0.33	mg/L		0.010	0.10
3PB1 (8-12) 20191107	CE57949	SW6010	11/7/2019	1	Lead	181	mg/Kg		0.35	0.7
3PB2 (0-4) 20191107	CE57951	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10
3PB2 (0-4) 20191107	CE57951	SW6010	11/7/2019	1	Lead	6.9	mg/Kg		0.32	0.6
3PB2 (12-16) 20191107	CE57954	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10
3PB2 (12-16) 20191107	CE57954	SW6010	11/7/2019	1	Lead	4.2	mg/Kg		0.36	0.7
3PB2 (4-8) 20191107	CE57952	1311/6010C	11/7/2019	1	TCLP Lead	0.01	mg/L	J	0.010	0.10
3PB2 (4-8) 20191107	CE57952	SW6010	11/7/2019	1	Lead	15.5	mg/Kg		0.34	0.7
3PB2 (8-12) 20191107	CE57953	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10
3PB2 (8-12) 20191107	CE57953	SW6010	11/7/2019	1	Lead	48.4	mg/Kg		0.37	0.7
3PB3 (0-4) 20191107	CE57955	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10



**69-02 QUEENS BLVD
QUEENS, NY
DATA SUMMARY TABLE
SOILS
SDG: GCE57937**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
3PB3 (0-4) 20191107	CE57955	SW6010	11/7/2019	10	Lead	1160	mg/Kg		3.3	6.6
3PB3 (4-8) 20191107	CE57956	1311/6010C	11/7/2019	1	TCLP Lead	0.05	mg/L	J	0.010	0.10
3PB3 (4-8) 20191107	CE57956	SW6010	11/7/2019	1	Lead	34.4	mg/Kg		0.36	0.7
3PB3 (8-12) 20191107	CE57957	1311/6010C	11/7/2019	1	TCLP Lead		mg/L	U	0.010	0.10
3PB3 (8-12) 20191107	CE57957	SW6010	11/7/2019	1	Lead	19.7	mg/Kg		0.38	0.8

APPENDIX - G
EDD Upload Confirmation
