HOPE STREET PROJECT
428 RODNEY STREET
BROOKLYN, NY 11211
Block 2386 Lot 4

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT

FEBRUARY 2021

Prepared for:

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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: 2/25/2021

1.0 INTRODUCTION

This Supplemental Remedial Investigation Report (RIR) was prepared on behalf of Hope Keap LLC for the property located at 428 Rodney Street, Brooklyn, New York (Block 386, Lot 4).

The Hope Street Project Site previously consisted of an approximately 20,000-square foot parcel identified as Brooklyn Tax Block 2386, Lot 7 on the New York City Tax Map. An application for merger was filed with the New York City Department of Finance (NYCDOF) on June 13, 2018, which combined former lots 7, 12, and 14 into Lot 7. The street addresses for Lot 7 consist of 118, 120, and 130 Hope Street; 138 Hope Street/429 Keap Street; and 134 Hope Street.

Hope Keap LLC entered into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on January 17, 2019 as a Participant. The Site is identified as BCP Site No. C224281 and was assigned Brownfield Cleanup Agreement (BCA) Index No. C224281-12-18. On January 15, 2020, ownership of the property was transferred to Hope-Keap Owner LLC. An application to amend the Brownfield Cleanup Agreement to add Hope-Keap LLC and to modify the property description to reflect a lot merger. The amendment is pending.

The purpose of this Remedial Investigation Report is to collect data of sufficient quality and quantity to characterize the nature and extent of contamination associated with the 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 residential 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 Supplemental Remedial Investigation performed on Lot 4 (428 Rodney Street) was conducted by EBC on July 3, 2020, and July 6, 2020.

1.1 Site Location and Description

The Hope Street Project Site is located in the Williamsburg neighborhood of Kings County (Figure 1) and is comprised of a two tax lots (Block 2386, Lots 7 and 4). The rectangular shaped lot consists of 50 feet of street frontage along Rodney Street and 100 feet of street frontage along Hope Street Site for a total of 5,000 square feet (0.11 acres).

Lot 7 (formerly lots 7, 12, 1nd 14) was previously developed with three one-story brick buildings. Former lot 14 (138 Hope Street) was utilized by Parkway Equipment Handlers, Inc. and former lots 12 and 7 (118-130 Hope Street) were utilized by D.C. Center Corp, a drycleaning facility. Each of the former buildings has been demolished. Lot 4 is currently developed with two residential buildings and a 1-story garage building.

The Site is bounded by Hope Street, followed by residential and commercial buildings to the north; Keap Street followed by residential buildings and a daycare to the east; residential buildings followed by Grand Street to the south; and Rodney Street followed by the Brooklyn Queens Expresswaty to the west. The Site is located in a developed area predominantly consisting of residential and commercial

properties.

The following six schools were identified within 1,000 feet of the Site;

- Brooklyn Arbor School - 325 South 3rd Street, Brooklyn, New York 11211
  Distance: 920 feet south-southwest of the Site

- Williamsburg Northside Lower & Middle School - 299 North 7th Street, Brooklyn, New York 11211
  Distance: 985 feet north of the Site

- P.S. 319 - 360 Keap Street, Brooklyn, New York 11211
  Distance: 895 feet south-southeast of the Site

- P.S. 19 Roberto Clemente - 325 South 3rd Street, Brooklyn, New York 11211
  Distance: 920 feet south-southwest of the Site

- Williamsburg Northside Preschool -299 North 7th Street, Brooklyn, New York 11211
  Distance: 985 feet north of the Site

- Acorn Community High School - 561 Grand Street, Brooklyn, New York 11211
  Distance: 1,000 feet west-southwest of the Site

The following two daycare facilities were identified within 1000 feet of the Site;

- Two By Two Childcare Academy - 418 Keap Street, Brooklyn, New York 11211
  Distance: 30 feet west of the Site

- Williamsburg Northside Infant & Toddler Center - 70 Havenmeyer Street, Brooklyn, New York 11249
  Distance: 500 feet northeast of the Site

There were no nursing homes or hospitals identified within 1,000 feet of the Site.

1.2 Redevelopment Plans

The Requestors intend to redevelop Lots 7 and 4 with a new 7-story mixed use building with a cellar. The cellar will consist of 22,052.77 ft2 of parking, and the building's meter rooms. The first floor will consist of residential apartments, a 701 ft retail space along Keap Street, a 1,501.27 ft^2 communal and co-working space at the corner of Hope Street and Keap Street, and the residential lobby, mail and package room, and bicycle storage room. The 2^{nd} through 7^{th} floors will consist of residential apartments.

1.3 Site History

Lot 7
According to historic Sanborn fire insurance maps, Lot 7 was divided into several lots developed with one- and two-story residences on the eastern portion and by the Matson and Hibbard Foundry with a molding shop on the western portion by 1887. By 1905, Brooklyn Coal Company was shown with coal sheds on the southwestern portion, a wagon shed on the central portion of the Site, and a wheel wright shop with a lumber shed and wagon painting on the western portion. By 1942, the Site was developed as two garages with a 550-gallon underground storage tank (UST) at 120 Hope Street (former lot 7) and a gasoline tank at 138 Hope Street/429 Keap Street (former lot 14). By 1951, 138 Hope Street/429 Keap Street (former lot 14) was shown as a steel warehouse and the gasoline tank was no longer depicted on the map. By 2007, two gasoline tanks were shown at 138 Hope Street/429 Keap Street (former lot 14), and the Site was depicted as three flats (delivery services).

City Directory listings indicate that 120 Hope Street (former lot 7) was formerly occupied by a garage between 1928 and 1949, a service garage in 1960, an electrical manufacturer between 1965 and 1973, an upholsterer between 1976 and 1992, a machinery shop between 1997 and 2014, and a metal fabricator between 2000 and 2014; and 128 Hope Street (also former lot 7) was occupied by Terriss Consolidated Industries Inc. between 1965 and 1976. 130 Hope Street (former lot 12) was occupied by a dry cleaner between 2000 and 2005, and in 2010. 429 Keap Street (former lot 14) was occupied by a trucking company in 1945, a steel service company in 1949, a taxi company in 1960, and a plumbing and heating company in 1965 to 1976; and 138 Hope Street (former lot 14) was occupied by Parkway Equipment Handlers between 1997 and 2005, and by World Trade Copiers Corp. between 2010 and 2014.

Lot 4
According to historic Sanborn fire insurance maps, Lot 4 was developed prior to 1887 with two 2-story dwellings, a 1-story office building and a 1-story building with a furnace and yard area utilized as part of a brass foundry operation. The 1906 and 1916 Sanborn map shows the same buildings, but the former foundry buildings are utilized for rag storage. The 1942 Sanborn map identifies the former rag storage buildings as waste paper storage.

The Requestor purchased the property in January 2019.

1.4 Summary of Previous Investigations

Investigations performed at the Site include the following:

- Phase I Environmental Site Assessment (URS Corporation, July 2013)
- Phase II Environmental Site Assessment, 118 Hope Street, 120 Hope Street, 130 Hope Street, 138 Hope Street, and 429 Keap Street (FPM Group, Ltd./FPM Engineering Group, P.C., July 2013)
- Preliminary Geotechnical Engineering Report – 118 Hope Street, Brooklyn, New York, (AKRF, Inc., March 22, 2018)

1.4.1 Phase I Environmental Site Assessment, 118 Hope Street, 120 Hope Street, 130 Hope Street, 138 Hope Street, and 429 Keap Street, URS Corporation, July 2013

URS Corporation (URS) conducted a Phase I Environmental Site Assessment (ESA) of the Site and prepared a Phase I ESA Report in July 2013. The report included the findings of a reconnaissance, and an evaluation of historical Sanborn insurance maps and select environmental databases. The assessment revealed the following Recognized Environmental Conditions (RECs):

- The Site address [130 Hope Street (former Lot 12)] was identified in the Drycleaners, Resource Conservation and Recovery Act (RCRA) Small Quantity Generator (SQG), FINDS, and NY Manifest databases.
- Each of the former Site lots is listed with a hazardous materials E-Designation (E-138) for UST testing protocols.
- Several gasoline USTs were identified on Sanborn maps at 138 Hope Street/429 Keap Street (former Lot 14) and at 120 Hope Street (former Lot 7). Vent pipes were visible on the former Site building roofs on former Lots 7 and 14; however, no tanks were observed and fuel oil was reportedly not being used at the Site at the time of the inspection.

Based on the RECs, URS recommended that a Subsurface (Phase II) Investigation be conducted at the Site, including the collection of soil, groundwater, and soil vapor samples, to determine if former and/or current uses at the Site or in the Site vicinity had adversely affected subsurface conditions.

1.4.2 Phase II Environmental Site Assessment, 118 Hope Street, 120 Hope Street, 130 Hope Street, 138 Hope Street, and 429 Keap Street, FPM Group, Ltd./FPM Engineering Group, P.C., July 2013

FPM Group, Ltd./FPM Engineering Group, P.C. (FPM) conducted a Subsurface (Phase II) Investigation at the Site and prepared a Subsurface (Phase II) Investigation Report in July 2013. The investigation included the advancement of eight soil borings with the collection and laboratory analysis of eight soil samples; and the installation of four temporary sub-slab soil vapor probes with the collection and laboratory analysis of four soil vapor samples.

Soil borings were advanced to a maximum depth of 5 feet below surface grade using a hand auger. Subsurface materials generally consisted of fill material comprised of sand with silt, clay, concrete, brick, gravel, and porcelain to boring termination depths, with the exception of soil boring SB-6 where native material (sand, silt, and clay) was reportedly observed below the fill stratum. Field evidence of contamination, including elevated photoionization detector (PID) readings, petroleum-like odors, and dark staining, was observed in soil boring B-1 in the former Site building partial cellar on the northwestern portion of the Site, and in soil boring B-4 on the north-central portion of the Site.

The results of the investigation identified SVOCs and metals at concentrations above the Restricted Residential Soil Cleanup Objectives (RRSCOs) in soil across the Site. Petroleum- and solvent-related VOCs were detected in soil vapor, including tetrachloroethylene (PCE) at concentrations up to 17,200 micrograms per cubic meter (µg/m^3), trichloroethylene (TCE) at concentrations up to 2,770 µg/m^3, carbon disulfide at concentrations up to 63,200 µg/m^3, and petroleum-related compounds at individual concentrations up to 35,100 µg/m^3.

1.4.3 Preliminary Geotechnical Engineering Report – 118 Hope Street, Brooklyn, New York, AKRF, Inc., March 22, 2018

AKRF performed a preliminary geotechnical investigation at the Site in February and March 2018 and provided geotechnical engineering recommendations in a March 2018 Preliminary Geotechnical Engineering Report. The investigation included the advancement of four test borings with the collection and laboratory analysis of soil samples; and the installation of one observation well to document groundwater elevation at the Site. Subsurface conditions generally consisted of approximately 8 to 15 feet of fill material comprised of sand with varying amounts of gravel, silt, clay, brick, concrete, and cinders. An approximately 3.5- to 10-foot thick layer of organic silt and clay was observed beneath the fill stratum, which was underlain by glacial till to boring termination depths (up to 104 feet below grade). Groundwater was measured in an observation well ranging between approximately 10 to 11 feet below grade (elevation +4 to +4.5). Bedrock was encountered. The report provided foundation design recommendations and construction considerations.

1.4.4 Remedial Investigation Report – 134 Hope Street, Brooklyn, New York, AKRF, Inc., May 2019.

AKRF performed a Remedial Investigation across Lot 7. The Remedial Investigation consisted of the installation of 14 soil borings to collect 22 soil/fill soil samples (plus 2 duplicates) for laboratory analysis, installation of 7 permanent monitoring wells to collect 7 groundwater samples for laboratory analysis, and installation of 13 temporary soil vapor probes (7 on-site and 6 off-site) to collect 13 soil vapor samples and 1 ambient air sample for laboratory analysis.

Soil Sample Results

Three petroleum-related VOCs (benzene, ethylbenzene, and toluene) were detected above UUSCOs, but below RRSCOs in soil/fill sample RI-SB-09_7-9_20190211. Seven polycyclic aromatic hydrocarbons (PAHs) were detected above their respective UUSCOs and/or RRSCOs in 4 soil/fill samples and 1 blind duplicate sample. Individual SVOCs were detected at concentrations up to 41 milligrams per kilogram (mg/kg) and total SVOC concentrations were detected up to 213.24 mg/kg (both in soil/fill sample RI-SB-03_0-2_20190211). Neither pesticides nor PCBs were detected above the laboratory reporting limit in any of the samples. Eight metals (arsenic, barium, copper, lead, mercury, nickel, selenium, and zinc) were detected within 5 of the soil/fill samples and 1 blind duplicate sample at concentrations above UUSCOs and/or RRSCOs, including: arsenic in 1 sample (concentration of 30.9 mg/kg), barium in 1 sample (concentration of 628 mg/kg), copper in 2 samples (maximum concentration of 285 mg/kg), lead in 5 samples (maximum concentration of 1,750 mg/kg), mercury in 5 samples (maximum concentration of 1.3 mg/kg), nickel in 1 sample (concentration of 134 mg/kg), selenium in 1 sample (concentration of 6.8 mg/kg), and zinc in 3 samples (maximum concentration of 434 mg/kg). Of these exceedances, arsenic, barium, copper, lead, and mercury were also detected at concentrations above RRSCOs.

Groundwater Sample Results

Petroleum-related VOCs, including benzene, ethylbenzene, toluene, and isopropylbenzene were detected in groundwater samples RI-MW-03_20190221 at concentrations above AWQSGVs. The chlorinated solvents cis-1,2-dichloroethylene (cis-1,2-DCE) and vinyl chloride were detected in groundwater sample RI-MW-03_20190221; and tetrachloroethylene (PCE) was detected in groundwater sample RI-MW-06_20190221, and its blind duplicate RI-MW-X01_20190221 at concentrations above AWQSGVs. SVOCs were not detected above AWQSGVs in any of the groundwater samples. Neither pesticides nor PCBs were detected above laboratory reporting limits in the groundwater samples. Seven total and 7 dissolved metals (chromium, iron, lead, magnesium, manganese, selenium and sodium) were detected in at least one groundwater sample at concentrations above AWQSGVs. PFAS concentrations mostly

exceeded 2 ng/L, the recommended reporting limit specified in NYSDEC's July 2018 Groundwater Sampling for Emerging Contaminants guidance document, with concentrations up to an estimated 119.44 nanograms per Liter (ng/L) in groundwater sample RI-MW-03_20190221. 1,4-Dioxane was detected in groundwater above the reporting limit of 0.35 µg/L in one groundwater sample at a low level estimated concentration.

Soil Vapor Sample Results

VOCs typically associated with petroleum were detected at individual concentrations up to 2,500 micrograms per cubic meter (µg/m^3) from a diluted analysis and solvent-related VOCs were detected at individual concentrations up to 12,000 µg/m^3 from a diluted analysis.

Findings

AKRF found subsurface soil generally consisted of fill material comprising sand, silt, gravel, concrete, brick, and cinders up to approximately 16.5 feet below surface grade, underlain by apparent native sand, gravel, silt, clay, and peat to boring termination depths (up to 17.5 feet below surface grade). Groundwater was measured at depths ranging from 6.5 to 11.0 feet below grade, and groundwater flow in a generally southeasterly direction

AKRF noted contaminated soil/fill, groundwater, and soil vapor present at the Site, which is likely attributable to historic on- and off-site usage, and fill material observed throughout the Site subsurface. The elevated metals and polycyclic aromatic hydrocarbons (PAHs) concentrations are most likely attributable to the fill material observed across the Site and/or from past operations at the Site. The presence of petroleum-related VOCs in soil/fill and groundwater on the northern portion of the Site are likely related to historic Site operations and/or fuel oil/gasoline storage and handling. The presence of petroleum- and solvent-related VOCs in soil vapor are likely related to historical operations at the Site and/or nearby properties.

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

The field work portion of the supplemental subsurface investigation performed on Lot 4 only was conducted by EBC on July 3, 2020, and July 6, 2020. The field investigation consisted of environmental sampling, field observations and measurements to determine:

- Local geologic/hydro geological conditions;
- Definition of source areas;
- Potential migration of contaminants from the Site to surrounding areas; and,
- Overall characterization of site-related contamination in all media.

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). Analysis for emerging contaminants (PFAS, 1,4-dioxane) in soil and groundwater samples was provided by Alpha Analytical Laboratories (NY Cert No. 11148) of Westborough, Massachusetts. A sample matrix showing the number, type and analysis of samples collected during the Remedial Investigation is provided as Table 1.

2.2 Soil Sampling

A total of 4 soil borings were advanced across Lot 4 on July 3, 2020, to identify source areas and to obtain general soil quality information present at the Site (Figure 3).

2.2.1 Soil Borings

On July 3, 2020, four soil borings (428B1 - 428B4) were advanced at the Site. Soil samples were collected continuously in 5-foot intervals to a depth of 15 feet below grade using a track-mounted Geoprobe™ model 6712DT sampling system. The Geoprobe™ uses a direct push hydraulic percussion system to drive and retrieve core samplers. Soil samples were retrieved using a 1.25-inch diameter, 5-foot long dual tube with disposable acetate liners. Each soil sample recovered from the soil borings was characterized by an experienced geologist and field screened for the presence of VOCs using a PID. The geologist's field observations and PID readings were recorded for each boring in a soil boring log (Appendix A).

Two samples were retained for laboratory analysis from the 0-2 ft and 10-12 ft interval from each of the ten soil borings.

2.2.2 Soil Sample Analysis

A total of 8 soil samples (and one duplicate) were retained for laboratory analysis from the 4 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 Environmental Laboratories, Inc. (Phoenix) and Alpha Analytical Laboratories (Alpha). The soil samples were analyzed for the following: VOCs

(EPA Method 8260), SVOCs and 1,4-dioxane (EPA Method 8270), TAL metals (EPA Method 6010), pesticides/PCBs (EPA Method 8081/8082) and PFAS compounds (EPA Method 537).

2.4 Monitoring Well Installation

Three monitoring wells (428MW1, 428MW2, and 428 MW3) were installed on Lot 4 on July 3, 2020, with a track mounted Geoprobe. Each of the three new monitoring wells was constructed of 1-inch diameter PVC casing and 10 feet of 0.010 inch slotted PVC well screen set 7 to 8 feet below the water table.

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 was surveyed to determine relative casing elevation to the nearest 0.01 ft and horizontal position to the nearest 0.1 ft. Groundwater elevations and generic 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. A groundwater elevation map is provided as Figure 5.

2.4.1 Groundwater Sampling

A groundwater sample was collected from each of the four monitoring wells on July 6, 2020, for laboratory analysis of VOCs EPA method 8260, SVOCs by EPA method 8270, 1,4-dioxane by EPA Method 8270 SIM, target analyte list (TAL) total metals by EPA method 6010, Pesticides/PCBs by method 8081/8082, and PFAS compounds by EPA method 537. Each of the monitoring wells was sampled using low-flow sampling techniques and were monitored continuously until parameters stabilized. A peristaltic pump was used to develop and purge each well and collect the sample. Samples were collected directly into pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix and Alpha. Groundwater sampling logs are provided in Appendix C.

2.4.2 Groundwater Sample Analysis

All groundwater samples from the monitoring wells were analyzed for VOCs EPA method 8260, SVOCs by EPA method 8270, 1,4-dioxane by EPA Method 8270 SIM, target analyte list (TAL) total metals and dissolved metals by EPA method 6010, Pesticides/PCBs by method 8081/8082, and PFAS compounds by EPA method 537.

2.5 Soil Vapor Sampling

Four soil vapor probes were installed at a depth of approximately 6 feet below grade across Lot 4. A soil vapor sample was collected from each of the four soil vapor probes on July 6, 2020. 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)*.

2.5.1 Installation of Sub-Slab Soil Vapor Points

The four soil vapor implants (SS1 through SS8) were installed on July 3, 2020. The soil vapor probes consisted of Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire were installed to a depth of 6 feet below grade. The ¼" tubing protruding from the concrete/asphalt was then sealed to the surface with hydrated bentonite and a 6"x6" (approximate) plastic sheet.

2.5.2 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 four soil vapor sampling locations. All seals tested tight with no infiltration of helium through the surface.

2.5.3 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 D). 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.

2.6 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 (Phoenix) and Appendix F (Alpha). Soil sample results for SVOCs, pesticides, PCBs, and metals were compared to Unrestricted Use Soil Cleanup Objectives (SCOs), Restricted Residential SCOs, and Commercial SCOs as promulgated in 6 NYCRR Subpart 375-6. Soil sample results for VOCs were also compared to Protection of Groundwater SCOs. 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.

Table 7 summarizes the concentrations of 1,4-dioxane and PFAS in soil, and Table 13 summarizes the concentrations of 1,4-dioxane and PFAS in groundwater.

2.6.1 Analytical Results – Soil Samples

A total of 8 soil samples and duplicate were collected from 4 soil borings for laboratory analysis of VOCs (EPA Method 8260), SVOCs and 1,4-dioxane (EPA Method 8270), TAL metals, pesticides/PCBs (EPA Method 8081/8082), and PFAS compounds (EPA Method 537).

Soil sampling results are summarized in 3 through 7. All soil results above Unrestricted Use SCOs are presented in Table 15 and posted on Figure 6. 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:

428-B1(0-2) - 1,2,4-Trimethylbenzene (18,000 µg/Kg), benzene (130 µg/Kg), ethylbenzene (3,200 µg/Kg), m&p-Xylenes (11,000 µg/Kg), o-Xylene (5,000 µg/Kg), Toluene (810 µg/Kg).

428-B2 (0-2) - Acetone (68 µg/Kg)

428-B4 (10-12) - Acetone (77 µg/Kg)

SVOCs in Soil Above Unrestricted Use SCOs:

428-B1(10-12) - Benz(k)fluoranthene (3,100 µg/Kg)

428-B4(0-2) - 2-Methylphenol (340 µg/Kg)

SVOCs in Soil Above Restricted Residential SCOs:

428-B1(10-12) - Benz(a)anthracene (4,800 µg/Kg), benzo(a)pyrene (4,100 µg/Kg), Benzo(b)fluoranthene (3,600 µg/Kg), Chrysene (4,200 µg/Kg), indeno(1,2,3-cd)pyrene (2,400 µg/Kg)

428-B4(0-2) - Benzo(b)fluoranthene (15,000 µg/Kg), Benzo(k)fluoranthene (14,000 µg/Kg), Chrysene (21,000 µg/Kg), indeno(1,2,3-cd)pyrene (2,400 µg/Kg)

SVOCs in Soil Above Commercial SCOs:

428-B1(10-12) - Dibenz(a,h)anthracene (560 µg/Kg)

428-B4(0-2) - Benzo(a)anthracene (22,000 µg/Kg), Benzo(a)pyrene (19,000 µg/Kg), Dibenz(a,h)anthracene (2,600 µg/Kg), indeno(1,2,3-cd)pyrene (6,700 µg/Kg)

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Pesticides in Soil Above Unrestricted Use SCOs:

428-B1 (10-12') - 4,4'-DDD (24 µg/Kg), 4,4'-DDE (8.3 µg/Kg), 4,4'-DDT (28 µg/Kg), a-Chlordane (130 µg/Kg), Aldrin (27 µg/Kg).

Duplicate - 428-B2 (0-2') - 4,4'-DDE (4.5 µg/Kg)

PCBs in Soil Above Unrestricted Use SCOs:

428-B1 (10-12') - PCB-1254 (630 µg/Kg)

Metals in Soil Above Unrestricted Use SCOs:

428-B1 (10-12') - Copper (62.4 mg/Kg), Lead (195 mg/Kg), Mercury (0.33 mg/Kg), Zinc (212 mg/Kg)

428-B2 (10-12') - Lead (118 mg/Kg)

428-B3 (0-2') - Chromium (34.1 mg/Kg), Mercury (0.19 mg/Kg)

428-B3 (10-12') - Chromium (32.6 mg/Kg)

428-B4 (0-2') - Cadmium (3.79 mg/Kg), Chromium (35 mg/Kg), Mercury (0.46 mg/Kg), Zinc (1,440 mg/Kg)

428-B4 (10-12') - Chromium (49.4 mg/Kg), Lead (130 mg/Kg), Mercury (0.28 mg/Kg), Nickel (38.1 mg/kg), Zinc (113 mg/Kg)

Metals in Soil Above Restricted Residential SCOs:

428-B4 (0-2') - Copper (274 mg/Kg), Lead (616 mg/Kg)

Metals in Soil Above Commercial SCOs:

428-B4 (0-2') - Barium (465 mg/Kg)

Emerging Contaminants in Soil:

PFOA and PFOS were not detected above UUSCOs within any of the soil samples collected as part of the Supplemental Remedial Investigation Report as described within NYSDECs *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)*, dated January 2021.

However, all detections reported within the soil samples are summarized below:

428-B1 (0-2') - Perfluorobutanoic Acid (PFBA) (0.041 µg/Kg), Perfluoropentanoic Acid (PFPeA) (0.086 µg/Kg), Perfluorohexanoic Acid (PFHxA) (0.079 µg/Kg), Perfluorooctanoic Acid (PFOA) (0.174 µg/Kg), Perfluorooctanesulfonic Acid (PFOS) (0.312 µg/Kg), Perfluorodecanoic Acid

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(PFDA) (0.077 µg/Kg)

428-B1 (10-12') - Perfluoropentanoic Acid (PFPeA) (0.070 µg/Kg), Perfluorohexanoic Acid (PFHxA) (0.130 µg/Kg), Perfluorooctanoic Acid (PFOA) (0.148 µg/Kg), Perfluorooctanesulfonic Acid (PFOS) (0.229 µg/Kg)
428-B2 (0-2') - Perfluorobutanoic Acid (PFBA) (0.075 µg/Kg), Perfluoropentanoic Acid (PFPeA) (0.109 µg/Kg), Perfluorohexanoic Acid (PFHxA) (0.117 µg/Kg), Perfluoroheptanoic Acid (PFHpA) (0.061 µg/Kg), Perfluorooctanoic Acid (PFOA) (0.303 µg/Kg), Perfluorooctanesulfonic Acid (PFOS) (0.376 µg/Kg), Perfluorodecanoic Acid (PFDA) (0.0.073 µg/Kg), Perfluoroundecanoic Acid (PFUnA) (0.0.056 µg/Kg)

428-B3 (0-2') - Perfluorooctanoic Acid (PFOA) (0.065 µg/Kg)

428-B4 (10-12') - Perfluorohexanoic Acid (PFHxA) (0.079 µg/Kg)

428-B5 (0-2') - Perfluorobutanoic Acid (PFBA) (0.059 µg/Kg), Perfluoropentanoic Acid (PFPeA) (0.105 µg/Kg), Perfluorohexanoic Acid (PFHxA) (0.103 µg/Kg), Perfluoroheptanoic Acid (PFHpA) (0.055 µg/Kg), Perfluorooctanoic Acid (PFOA) (0.248 µg/Kg), Perfluorooctanesulfonic Acid (PFOS) (0.364 µg/Kg)

1,4-dioxane was not detected within any of the eight soil samples or duplicate samples submitted for analysis.

2.6.2 Analytical Results – Groundwater Samples

A total of three groundwater samples were collected from three groundwater monitoring wells 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 1,4-dioxane (EPA Method 8270).

The results of groundwater samples collected during the RI are summarized in Tables 8 through 13. Several VOCs, pesticides, 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.

VOCs in Groundwater Above NYSDEC AWQS:

428 MW1 - 1,2,4-Trimethylbenzene (52 µg/L), 1,3,5-Trimethylbenzene (11 µg/L), Benzene (12 µg/L), Ethylbenzene (27 µg/L), Naphthalene (9.6 µg/L), n-Propylbenzene (7.8 µg/L), o-Xylene (56 µg/L), Toluene (82 µg/L)

PCBs in Groundwater Above NYSDEC AWQS:

428 MW3 - PCB-1016 (0.66 µg/L)

GW Duplicate - PCB-1016 (0.56 µg/L)

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Pesticides in Groundwater Above NYSDEC AWQS:

No pesticides were detected above NYSDEC AWQS.

Dissolved Metals in Groundwater Above NYSDEC AWQS:

428 MW1 - Manganese (0.583 mg/L), Sodium (156 mg/L)

428 MW2 - Manganese (1.84 mg/L), Sodium (44.6 mg/L)

428 MW3 - Sodium (57.2 mg/L)

Duplicate - Sodium (58.9 mg/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, antimony, barium, chromium, iron, lead, manganese, sodium and thallium. 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.

Emerging Contaminants in Groundwater:

Perfluorooctanoic Acid (PFOA) was detected above the 10 ng/L screening level for PFOA as defined in NYSDECs *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)*, dated January 2021, within groundwater samples 428 MW-1 (45.8 ng/L), 428 MW-2 (39.2 ng/L), 428 MW-3 (108 ng/L), and the duplicate (107 ng/L).

Perfluorooctanesulfonic Acid (PFOS) was detected above the 10 ng/L screening level for PFOS as defined in NYSDECs *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)*, dated January 2021, within groundwater samples 428 MW-1 (15.6 ng/L), 428 MW-3 (27.2 ng/L), and the duplicate (26.6 ng/L).

No other individual PFAS compounds were detected in any of the groundwater samples at or above the 100 ng/L screening level, and none of the groundwater samples had a total PFAS (including PFOA and PFOS) concentration at or above the 500 ng/L screening level.

All PFAS detections reported within the groundwater samples are summarized below:

428 MW-1

Perfluorobutanoic Acid (PFBA) - 22.5 ng/L
Perfluoropentanoic Acid (PFPeA) - 39.5 ng/L
Perfluorobutanesulfonic Acid (PFBS) - 9.43 ng/L
Perfluorohexanoic Acid (PFHxA) - 35.9 ng/L
Perfluoroheptanoic Acid (PFHpA) - 22.7 ng/L
Perfluorohexanesulfonic Acid (PFHxS) - 11.7 ng/L
Perfluorooctanoic Acid (PFOA) - 45.8 ng/L
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) – 56.3 ng/L

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Perfluorononanoic Acid (PFNA) - 1.82 ng/L
Perfluorooctanesulfonic Acid (PFOS) - 15.6 ng/L
Perfluorodecanoic Acid (PFDA) - 3.02 ng/L
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) - 0.940 ng/L
Perfluoroundecanoic Acid (PFUnA) - 0.374 ng/L
Perfluorooctanesulfonamide (FOSA) - 1.42 ng/L
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) - 3.98 ng/L

428 MW-2
Perfluorobutanoic Acid (PFBA) -15.7 ng/L
Perfluoropentanoic Acid (PFPeA) - 24.8 ng/L
Perfluorobutanesulfonic Acid (PFBS) - 7.96 ng/L
Perfluorohexanoic Acid (PFHxA) - 15.4 ng/L
Perfluoroheptanoic Acid (PFHpA) - 6.45 ng/L
Perfluorohexanesulfonic Acid (PFHxS) - 3 ng/L
Perfluorooctanoic Acid (PFOA) - 39.2 ng/L
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) - 26.6 ng/L
Perfluorononanoic Acid (PFNA) - 0.545 ng/L
Perfluorooctanesulfonic Acid (PFOS) - 3.82 ng/L

428 MW-3
Perfluorobutanoic Acid (PFBA) - 23.5 ng/L
Perfluoropentanoic Acid (PFPeA) - 65.7 ng/L
Perfluorobutanesulfonic Acid (PFBS) - 7.78 ng/L
Perfluorohexanoic Acid (PFHxA) - 41.6 ng/L
Perfluoroheptanoic Acid (PFHpA) - 23.8 ng/L
Perfluorohexanesulfonic Acid (PFHxS) - 5.13 ng/L
Perfluorooctanoic Acid (PFOA) - 108 ng/L
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) - 15.2 ng/L
Perfluoroheptanesulfonic Acid (PFHpS) - 1.79 ng/L
Perfluorononanoic Acid (PFNA) - 5.61 ng/L
Perfluorooctanesulfonic Acid (PFOS) - 27.2 ng/L
Perfluorodecanoic Acid (PFDA) - 2.05 ng/L

Duplicate
Perfluorobutanoic Acid (PFBA) - 23.4 ng/L
Perfluoropentanoic Acid (PFPeA) - 64.4 ng/L
Perfluorobutanesulfonic Acid (PFBS) - 7.34 ng/L
Perfluorohexanoic Acid (PFHxA) - 40.5 ng/L
Perfluoroheptanoic Acid (PFHpA) - 23.2 ng/L
Perfluorohexanesulfonic Acid (PFHxS) - 5.02 ng/L
Perfluorooctanoic Acid (PFOA) - 107 ng/L
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) - 12.3 ng/L
Perfluoroheptanesulfonic Acid (PFHpS) - 1.79 ng/L
Perfluorononanoic Acid (PFNA) - 5.62 ng/L
Perfluorooctanesulfonic Acid (PFOS) - 26.6 ng/L
Perfluorodecanoic Acid (PFDA) - 1.82 ng/L

1,4-dioxane was not detected within any of the three groundwater samples or duplicate sample submitted for analysis.

Groundwater parameters reported above Groundwater Quality Standards are presented in Table 16 and posted on Figure 7.

2.6.3 Analytical Results – Soil Vapor Samples

To determine the vapor quality in the soil beneath the Site, soil vapor samples were collected from four locations (SV1 – SV4). Total BTEX was low in all the vapor samples ranging from 23.78 µg/m^3 (SV2) to 38.91 µg/m^3 (SV1). Chlorinated VOCs (CVOCs) detected within the four soil vapor samples consisted of the following:

1,1,1-Trichloroethane - Maximum of 23.3 µg/m^3 in SV1
1,1-Dichloroethene - Not Detected in any of the four soil vapor samples
Carbon Tetrachloride - Maximum of 0.76 µg/m^3 in SV1
Cis-1,2-Dichloroethene - Not Detected in any of the four soil vapor samples
Methylene Chloride - Not Detected in any of the four soil vapor samples
Tetrachloroethene - Maximum of 6.53 µg/m^3 in SV4
Trichloroethene - Not Detected in any of the four soil vapor samples
Vinyl Chloride - Not Detected in any of the four soil vapor samples

Soil vapor results are summarized on Table 14 and posted on Figure 8.

2.6.4 Data Usability Summary Report

Data validation services were provided by Koman Government Solutions, LLC (KGS) of Marlboro, Massachusetts. KGS reported that, the data is acceptable with some minor issues that are identified in the accompanying data validation reviews. Therefore, the data may be used for decision making purposes. In addition, the electronic data deliverables (EDDs) package was submitted and successfully uploaded to the DEC. The Data Usability Summary Reports prepared by KGS and an e-mail verifying submission of the EDDs are provided in Appendix F.

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3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

The area topography is fairly even. Sidewalk elevation varies between 13.34' at the corner of Hope Street and Keap Street to 14.55' along Keap Street.

3.2 Surrounding Land Use

The area surrounding the property consists of a mix of commercial/industrial properties, some of which have been redeveloped with new apartment buildings. The Site is bounded by Hope Street, followed by residential and commercial buildings to the north; Keap Street followed by residential buildings and a daycare to the east; residential buildings followed by Grand Street to the south; and Rodney Street followed by the Brooklyn Queens Expresswaty to the west. The Site is located in a developed area predominantly consisting of residential and commercial properties.

The following six schools were identified within 1,000 feet of the Site;

- Brooklyn Arbor School - 325 South 3rd Street, Brooklyn, New York 11211
  Distance: 920 feet south-southwest of the Site

- Williamsburg Northside Lower & Middle School - 299 North 7th Street, Brooklyn, New York 11211
  Distance: 985 feet north of the Site

- P.S. 319 - 360 Keap Street, Brooklyn, New York 11211
  Distance: 895 feet south-southeast of the Site

- P.S. 19 Roberto Clemente - 325 South 3rd Street, Brooklyn, New York 11211
  Distance: 920 feet south-southwest of the Site

- Williamsburg Northside Preschool -299 North 7th Street, Brooklyn, New York 11211
  Distance: 985 feet north of the Site

- Acorn Community High School - 561 Grand Street, Brooklyn, New York 11211
  Distance: 1,000 feet west-southwest of the Site

The following two daycare facilities were identified within 1000 feet of the Site;

- Two By Two Childcare Academy - 418 Keap Street, Brooklyn, New York 11211
  Distance: 30 feet west of the Site

- Williamsburg Northside Infant & Toddler Center - 70 Havenmeyer Street, Brooklyn, New York 11249
  Distance: 500 feet northeast of the Site

There were no nursing homes or hospitals identified within 1,000 feet of the Site.

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3.3 Regional Geology / Hydrogeology

Long Island's present configuration is primarily the result of glaciation which occurred during the Pleistocene Era, predominately that of the last ice age, the Wisconsin, which ended about ten thousand years ago. Two advances of the Wisconsin ice sheet during the Upper Pleistocene of the Quaternary Period caused the island to be blanketed with till, ice contact stratified drift, outwash deposits and deposits composed of clay, silt, sand, gravel and boulders. The terminal moraines and the north shore are composed primarily of stratified drift with some till. The area between the moraines and south of them are mostly the outwash deposits. Central and South Long Island are of the glaciofluvial origin. The Pleistocene deposits lie atop the gently dipping Cretaceous rocks.

The bedrock was eroded to a peneplain before the overlying Cretaceous sediments were deposited; its surface shows signs of later erosion by Pleistocene glaciation in the north. Bedrock crops out in northwestern Queens County near the East River and slopes southward at about eighty (80) feet per mile. Consequently, the overlying formations form a southward-dipping wedge that attains a maximum thickness of one-thousand fifty (1,050) feet in the southeast corner of Queens County. The maximum thickness of unconsolidated deposits in Kings County is about eight hundred (800) feet in the southeast area of the County.

Overlying bedrock is the Raritan Formation of Late Cretaceous age, consisting of the Lloyd Sand Member and an upper, unnamed clay member. Overlying the Raritan Formation is the Magothy Formation and Matawan Group, undifferentiated, also of Late Cretaceous age, the Jameco Gravel of Pleistocene age, the Gardiners Clay of Pleistocene age, upper Pleistocene deposits of Wisconsin age, and a generally thin soil mantle of Holocene age. Holocene beach deposits make up most of the Rockaway Peninsula and Coney Island in the south, and Holocene salt-marsh deposits underlie and fringe the south-shore bay areas. Artificial filling has been done in low and swampy shoreline areas. Because Holocene deposits occur in relatively small areas of Kings and Queens and are not significant water bearers, they are not included in the geologic descriptions that follow. The four distinct formations on Long Island: The Upper Glacial, the Jameco, the Magothy and the Lloyd aquifers. They all occur in the unconsolidated materials overlying the bedrock.

3.4 Site Geology / Hydrogeology

Subsurface soil on Lot 4 consists of historic fill material from 0 to 4 ft below grade and up to depths as great as 11 ft (northwest corner of Lot 4) followed by a brown silt to approximately 10 ft underlain with grey clay.

Depth to water readings collected on February 20, 2021, from the newly installed monitoring wells on Lot 4 and monitoring wells installed by AKRF in 2019 across Lot 7, note groundwater elevations vary from 8.04’ in the southeast corner of Lot 4 to 1.56’ in the northwest corner of Lot 4. In addition, groundwater is present at an elevation of as high as 5.07’ within the west/central portion of Lot 7, but as low as 1.29’ and 1.31’ within RIMW06 and RIMW07 in the eastern portion of Lot 7, respectively. AKRF, Inc. noted the same groundwater significant difference in groundwater elevation from the west side to the east side of Lot 7 (approximately 3.5’).

The highest groundwater elevations are present within the western end of Lot 7 (428-MW3 - 8.04’) and eastern end of Lot 4 (RIMW02 – 5.07’, RIMW03 – 5.14’, RIMW05 – 5.07’, and RIMW04 –

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4.50'). Boring logs for the two monitoring wells located on eastern most end of Lot 7 that had the lowest groundwater elevations (RIMW06 and RIMW07) show a brown sand with trace gravel to depths of at least 16 ft below grade. The boring logs for the monitoring wells located on the western end of Lot 7 that had the highest groundwater elevations (RIMW01 and RIMW02) show a grey silt, clay and peat layer beginning at approximately 10 ft below grade. Similarly, the boring logs for the borings on the west end of Lot 4 where the groundwater elevation was significantly higher showed the clay at beginning at depths as shallow as 8 ft below grade and the borings performed on the east end of Lot where the groundwater elevation was lower showed clay starting at approximately 12 ft below grade. Therefore, a perched water table condition depicted on Figure 5 appears to be present in the west end of Lot 7 and eastern portion of Lot 4 due to the elevated silt/clay layer in that area.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

Petroleum Related VOCs
Gasoline related VOCs were detected above Protection of Groundwater and/or Unrestricted Use SCOs within a deep (10-12ft) soil sample collected from the northwest corner of Lot 4. The contaminated soil was found in a very thin layer (about 1 inches thick) at a depth of approximately 11 ft below grade. Gasoline related VOCs were detected above GQS within the groundwater sample collected from the same sampling location.

Fill Material
Historic fill material has been identified across Lot 4 to depths of 0 to 4 ft below grade and up to depths as great as 11 ft in the northwest corner of the lot. Depending on location, the historic fill material contains SVOCs, pesticides/PCBs, and/or metals above Unrestricted Use SCOs, Restricted Residential SCOs, and/or Restricted Commercial SCOs.

4.2 Groundwater Impacts

Gasoline related VOCs were detected above GQS within groundwater sample 428 MW1 collected from the northwest corner of the Site. The gasoline related VOCs include 1,2,4-Trimethylbenzene (52 µg/L), 1,3,5-Trimethylbenzene (11 µg/L), Benzene (12 µg/L), Ethylbenzene (27 µg/L), Naphthalene (9.6 µg/L), n-Propylbenzene (7.8 µg/L), o-Xylene (56 µg/L), and Toluene (82 µg/L).

PCB-1016 was detected in the parts per trillion range in one of the groundwater samples and is likely related to suspended solids in the sample. Manganese and sodium were detected above NYSDEC Ambient Water Quality Standards (AWQS) within the three monitoring wells and are attributable to residual salt water intrusion.

PFOA was detected above the 10 ng/L screening level for PFOA within groundwater samples 428 MW-1 (45.8 ng/L), 428 MW-2 (39.2 ng/L), 428 MW-3 (108 ng/L), and the duplicate (107 ng/L). PFOS was detected above the 10 ng/L screening level within groundwater samples 428 MW-1 (15.6 ng/L), 428 MW-3 (27.2 ng/L), and the duplicate (26.6 ng/L). Total PFAS detections ranged from 143 ng/L to 327 ng/L, below the screening level of 500 ng/L. The PFOA and PFOS screening level exceedances are likely attributable to an off-Site source due to the lack of elevated PFOA or PFOS in soil samples collected on Lot 4.

4.3 Soil-Vapor Impacts

Petroleum-related VOCs were generally low in the soil gas samples and were consistent with typical background levels. Chlorinated VOCs in soil vapor included 1,1,1-Trichloroethane (at 23.3 µg/m^3 in one sample), Carbon Tetrachloride (ranged from 0.41 µg/m^3 to 0.76 µg/m^3), and Tetrachloroethene (ranged from 1.84 µg/m^3 to 6.53 µg/m^3).

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4.4 Site Conceptual Model

No evidence of an underground storage tank was noted on historic Sanborn maps. However, gasoline related VOCs were detected in a deep soil sample (10-12ft below grade) and in groundwater within the northwest corner of Lot 4. No gasoline related VOCs were detected within any of the other soil samples collected at the Site and no PID or olfactory evidence of petroleum contamination was observed within any of the soil recovered from the other soil borings. The thin layer of petroleum contaminated soil and presence of gasoline related VOCs in groundwater may be attributable to the adjacent Lot 7.

Contamination at the Site also consists of historic fill material that contains pesticides, PCBs, SVOCs, and/or metals above Unrestricted Use, Restricted Residential Use, and/or Commercial Use SCOs. The historic fill material was encountered across the Site to a depth of depths of 0 to 4 ft below grade and up to depths as great as 10 ft in the northwest corner of Lot 4. The SVOCs, pesticides, PCBs and metals are likely related to fill materials documented at the Site. The historic fill material was likely imported to the Site to raise the grade and/or backfill a former building's cellar prior to construction of the recently demolished buildings.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment under the Brownfields Cleanup Program (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 Related VOCs
Gasoline related VOCs were detected above Protection of Groundwater and/or Unrestricted Use SCOs within a deep (10-12ft) soil sample collected from the northwest corner of Lot 4. The contaminated soil was found in a very thin layer (about 1 inches thick) at a depth of approximately 11 ft below grade. Gasoline related VOCs were detected above GQS within the groundwater sample collected from the same sampling location.

Fill Material
Historic fill material has been identified across Lot 4 to depths of 0 to 4 ft below grade and up to depths as great as 11 ft in the northwest corner of the lot. Depending on location, the historic fill material contains SVOCs, pesticides/PCBs, and/or metals above Unrestricted Use SCOs, Restricted Residential SCOs, and/or Restricted Commercial SCOs.

PFAS
PFOA and PFOS were detected above screening levels within groundwater samples collected across Lot 4. The PFOA and PFOS screening level exceedances in groundwater are likely attributable to an off-Site source due to the lack of elevated PFOA or PFOS within the soil samples collected on Lot 4.

5.2 Contaminant Release and Transport Mechanism

No evidence of an underground storage tank was noted on historic Sanborn maps. However, gasoline related VOCs were detected in a deep soil sample (10-12ft below grade) and in groundwater within the northwest corner of Lot 4. No gasoline related VOCs were detected within any of the other soil samples collected at the Site and no PID or olfactory evidence of petroleum contamination was observed within any of the soil recovered from the other soil borings. The thin layer of petroleum contaminated soil and presence of gasoline related VOCs in groundwater may be attributable to the adjacent Lot 7.

Historic fill material with elevated concentrations of SVOCs, pesticides, PCBs and metals was encountered across the Site to a depth of approximately 4 ft below grade and up to depths as great as 11 ft in the northwest corner of the lot. The contaminants detected within the historic fill material are not believed to be associated with a spill/release, but are likely associated with the source of material

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originally brought in to backfill/raise the property.

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 impacted and non-impacted soil at the Site may be exposed to gasoline related VOCs, pesticides, PCBs, and heavy metals through several routes. Workers excavating impacted soil may be exposed through inhalation, ingestion and dermal contact. 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 impacted soil during excavation, however, security measures including an 8 ft high construction fence and 24 hr security will minimize potential exposure through this route. Potential vapor intrusion does not appear to be a significant concern for residents of the planned construction. In addition, remediation of the source areas is expected to further reduce or eliminate this potential.

Following construction of the new building, a soil vapor intrusion study should be performed to determine if further monitoring or mitigation is needed.

Potential Off-Site Exposures: Off-Site residents could be exposed to dust or vapors during the excavation of impacted 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 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. Off-site exposure is therefore limited to vapor intrusion from CVOCs. There appears to be a potential inhalation exposure to site contaminants via the soil vapor intrusion (SVI) pathway in both on and off-site structures.

Potential Off-Site Environmental Impacts: As previously discussed, there are no public or private potable supply wells in the area, and therefore no potential impacts to water supplies. Since VOCs in groundwater may be migrating beneath the Site at low concentrations in a southeasterly direction, the groundwater to surface water discharge pathway was evaluated. The nearest surface water to the Site is East River located approximately 4,000 feet to the west. Based upon the concentrations of contaminants currently in groundwater beneath the Site, there are no expected impacts to surface water environments from contaminants migrating from the Site.

6.0 CONCLUSIONS AND RECOMENDATIONS

Subsurface soil on Lot 4 consists of historic fill material from 0 to 4 ft below grade and up to depths as great as 11 ft (northwest corner of Lot 4) followed by a brown silt to approximately 10 ft underlain with grey clay. Groundwater occurs beneath the Site at a depth of 8.87 to 14.24 feet below grade under water table conditions (Table 2). Groundwater on Lot 7 ranged from approximately elevation 5.5 to elevation 11 and AKRF, Inc. noted groundwater flow to be in a southeasterly direction. However, the groundwater flow direction would be expected to be influenced by building foundations, subsurface utility lines, and the grey clay encountered at the Site.

Gasoline related VOCs were detected above Protection of Groundwater and/or Unrestricted Use SCOs within a deep (10-12ft) soil sample collected from the northwest corner of Lot 4. The contaminated soil was found in a very thin layer (about 1 inches thick) at a depth of approximately 11 ft below grade. Gasoline related VOCs were detected above GQS within the groundwater sample collected from the same sampling location. The gasoline related VOCs include 1,2,4-Trimethylbenzene (52 µg/L), 1,3,5-Trimethylbenzene (11 µg/L), Benzene (12 µg/L), Ethylbenzene (27 µg/L), Naphthalene (9.6 µg/L), n-Propylbenzene (7.8 µg/L), o-Xylene (56 µg/L), and Toluene (82 µg/L).

PFOA and PFOS were not detected above UUSCOs within any of the soil samples collected on Lot 4. However, PFOA and PFOS were detected above screening levels within groundwater samples collected on Lot 4. The PFOA and PFOS screening level exceedances in groundwater are likely attributable to an off-Site source due to the lack of elevated PFOA or PFOS within the soil samples collected on Lot 4.

The qualitative exposure assessment identified potential completed routes of exposure to construction workers and remediation workers through inhalation, ingestion and dermal contact of SVOCs, pesticides, PCBs, and heavy metals during excavation activities. The Health and Safety Plan prepared for the site identifies such exposures and provides instructions for on-site workers to minimize potential exposure.

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

Recommendations include the excavation and disposal of petroleum contaminated soil, all contaminated historic fill material, and proper handling and disposal of all soils excavated for structural elements of the new building. This work would be performed 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.

Potential soil vapor impact should be re-evaluated following the completion of remedial activities to determine if conditions improve to the point where active mitigation is unnecessary. Further evaluation of vapor intrusion can also be performed following implementation of the RAWP to determine if the design elements of a sub-slab depressurization system should then be incorporated into the Remedial Action Work Plan for the Site as a contingency, should the potential for vapor intrusion remain following the removal of the impacted soils. Construction dewatering will require

treatment prior to discharge into the combined sewer system.

7.0 REFERENCES

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TABLES

TABLE 1
SUMMARY OF
SAMPLING PROGRAM RATIONALE AND ANALYSIS

Matrix	Location	Number of Samples	Rationale for Sampling	Laboratory Analysis
Subsurface soil (0 to 2 feet bgs)	Four soil borings were installed across Lot 4. Samples collected at for analysis from the interval 0-2ft below grade.	4	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals (EPA Method 6010), 1,4-dioxane (EPA Method 8270) and PFAS compounds (EPA Method 537).
Subsurface soil (10 to 12 feet bgs)	Four soil borings were installed across Lot 4. Samples collected at for analysis from the interval 10-12ft below grade.	4	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals (EPA Method 6010), 1,4-dioxane (EPA Method 8270) and PFAS compounds (EPA Method 537).
Total (Soils)		8		
Groundwater (water table)	From three monitoring wells installed across the Site.	3	To assess groundwater quality at the Site.	VOCs EPA method 8260, SVOCs by EPA method 8270, 1,4-dioxane by EPA Method 8270 SIM, target analyte list (TAL) total metals by EPA method 6010, Pesticides/PCBs by method 8081/8082, and PFAS compounds by EPA method 537
Total (Groundwater)		3		
Soil Gas	Four soil vapor samples were collected from a depth of approximately 6ft across the site .	4	Evaluate gas concentrations across the Site.	VOCs EPA Method TO15
Total (Soil Gas)		4		
Duplicates	Soil and groundwater duplicates	2	To meet requirements of QA / QC program	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals (EPA Method 6010), 1,4-dioxane (EPA Method 8270) and PFAS compounds (EPA Method 537).
Trip Blanks	One laboratory prepared trip blank to accompany samples each time they are delivered to the laboratory.	4	To meet requirements of QA / QC program	VOCs EPA Method 8260B
Total (QA / QC Samples)		6		

Table 2
118 Hope Street,
Brooklyn, New York
Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft) 7/6/2020	DTP	Survey Reading	Casing Elevation	GW ELV
428B1	7/3/2020	15	2	Geoprobe 6610 DT	-	-	-	-	-	-
428B2	7/3/2020	15	2	Geoprobe 6610 DT	-	-	-	-	-	-
428B3	7/3/2020	15	2	Geoprobe 6610 DT	-	-	-	-	-	-
428B4	7/3/2020	15	2	Geoprobe 6610 DT	-	-	-	-	-	-
428-MW1	7/3/2020	19	1	PVC	10.00	14.24	-	5.27	94.73	80.49
428-MW2	7/3/2020	20	1	PVC	10.00	13.11	-	4.53	95.47	82.36
428-MW3	7/3/2020	19	1	PVC	10.00	8.87	-	4.33	95.67	86.80

Table 3
118 Hope Street,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B1		428-B1		428-B2		428-B2	
					(0-2')		(10-12')		(0-2')		(10-12')	
					7/3/2020		7/3/2020		7/3/2020		7/3/2020	
		µg/Kg	µg/Kg	µg/Kg	µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 19	19	< 1200	1,200	< 4.5	4.5	< 45	45
1,1,1-Trichloroethane	680	680	100,000	500,000	< 4.8	4.8	< 680	680	< 4.5	4.5	< 11	11
1,1,2,2-Tetrachloroethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
1,1,2-Trichloroethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
1,1-Dichloroethane	270	270	26,000	240,000	< 4.8	4.8	< 270	270	< 4.5	4.5	< 11	11
1,1-Dichloroethene	330	330	100,000	500,000	< 4.8	4.8	< 330	330	< 4.5	4.5	< 11	11
1,1-Dichloropropene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
1,2,3-Trichlorobenzene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
1,2,3-Trichloropropane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
1,2,4-Trichlorobenzene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
1,2,4-Trimethylbenzene	3,600	3,600	52,000	190,000	< 4.8	4.8	**18,000**	1,200	< 4.5	4.5	< 440	440
1,2-Dibromo-3-chloropropane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
1,2-Dibromoethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
1,2-Dichlorobenzene	1,100	1,100	100,000	500,000	< 4.8	4.8	< 1100	1,100	< 4.5	4.5	< 440	440
1,2-Dichloroethane	20	20	3,100	30,000	< 4.8	4.8	< 120	120	< 4.5	4.5	< 11	11
1,2-Dichloropropane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
1,3,5-Trimethylbenzene	8,400	8,400	52,000	190,000	< 4.8	4.8	**4,600**	1,200	< 4.5	4.5	< 440	440
1,3-Dichlorobenzene	2,400	2,400	4,900	280,000	< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
1,3-Dichloropropane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
1,4-Dichlorobenzene	1,800	1,800	13,000	130,000	< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
1,4-Dioxane		100	13,000	130,000	< 72	72	< 74	74	< 74	74	< 91	91
2,2-Dichloropropane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
2-Chlorotoluene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
2-Hexanone (Methyl Butyl Ketone)					< 24	24	< 6100	6,100	< 22	22	< 56	56
2-Isopropyltoluene					< 4.8	4.8	**270**	1,200	< 4.5	4.5	< 440	440
4-Chlorotoluene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
4-Methyl-2-Pentanone					< 24	24	< 6100	6,100	< 22	22	< 56	56
Acetone	50	50	100,000	500,000	< 24	24	< 1200	1,200	< 22	22	**68**	50
Acrolein					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Acrylonitrile					< 19	19	< 4900	4,900	< 9.0	9.0	< 45	45
Benzene	60	60	4,800	44,000	< 4.8	4.8	**130**	120	< 4.5	4.5	< 11	11
Bromobenzene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
Bromochloromethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Bromodichloromethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Bromoform					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Bromomethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Carbon Disulfide					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Carbon tetrachloride	760	760	2,400	22	< 4.8	4.8	< 760	760	< 4.5	4.5	< 11	11
Chlorobenzene	1,100	1,100	100,000	500,000	< 4.8	4.8	< 1100	1,100	< 4.5	4.5	< 11	11
Chloroethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Chloroform	370	370	49,000	350,000	< 4.8	4.8	< 370	370	< 4.5	4.5	< 11	11
Chloromethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
cis-1,2-Dichloroethene	250	250	100,000	500,000	< 4.8	4.8	< 250	250	< 4.5	4.5	< 11	11
cis-1,3-Dichloropropene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Dibromochloromethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Dibromomethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Dichlorodifluoromethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Ethylbenzene	1,000	1,000	41,000	390,000	< 4.8	4.8	**3,200**	1,200	< 4.5	4.5	< 11	11
Hexachlorobutadiene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
Isopropylbenzene					< 4.8	4.8	**1,200**	1,200	< 4.5	4.5	< 440	440
m&p-Xylenes	160	260	100,000	500,000	< 4.8	4.8	**11,000**	1,200	< 4.5	4.5	< 11	11
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	500,000	< 29	29	< 490	490	< 27	27	**17**	67
Methyl t-butyl ether (MTBE)	930	930	100,000	500,000	< 9.7	9.7	< 930	930	< 9.0	9.0	< 22	22
Methylene chloride	50	50	100,000	500,000	< 4.8	4.8	< 490	490	< 4.5	4.5	< 11	11
Naphthalene	12,000	12,000	100,000	500,000	< 4.8	4.8	**2,800**	1,200	< 4.5	4.5	< 440	440
n-Butylbenzene	12,000	12,000	100,000	500,000	< 4.8	4.8	**3,200**	1,200	< 4.5	4.5	< 440	440
n-Propylbenzene	3,900	3,900	100,000	500,000	< 4.8	4.8	**3,500**	1,200	< 4.5	4.5	< 440	440
o-Xylene	160	260	100,000	500,000	< 4.8	4.8	**5,000**	1,200	< 4.5	4.5	< 11	11
p-Isopropyltoluene					< 4.8	4.8	**1,200**	1,200	< 4.5	4.5	< 440	440
sec-Butylbenzene	11,000	11,000	100,000	500,000	< 4.8	4.8	**2,100**	1,200	< 4.5	4.5	< 440	440
Styrene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
tert-Butly alcohol					< 97	97	< 24000	24,000	< 90	90	< 220	220
tert-Butylbenzene	5,900	5,900	100,000	500,000	< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 440	440
Tetrachloroethene	1,300	1,300	19,000	150,000	< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Tetrahydrofuran (THF)					< 9.7	9.7	< 2400	2,400	< 9.0	9.0	< 22	22
Toluene	700	700	100,000	500,000	< 4.8	4.8	**810**	700	< 4.5	4.5	< 11	11
trans-1,2-Dichloroethene	190	190	100,000	500,000	< 4.8	4.8	< 190	190	< 4.5	4.5	< 11	11
trans-1,3-Dichloropropene					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
trans-1,4-dichloro-2-butene					< 9.7	9.7	< 2400	2,400	< 9.0	9.0	< 890	890
Trichloroethene	470	470	21,000	200,000	< 4.8	4.8	< 470	470	< 4.5	4.5	< 11	11
Trichlorofluoromethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Trichlorotrifluoroethane					< 4.8	4.8	< 1200	1,200	< 4.5	4.5	< 11	11
Vinyl Chloride	20	20	900	13,000	< 4.8	4.8	< 120	120	< 4.5	4.5	< 11	11
Total BTEX Concentration					**0**		**20140**		**0**		**0**	
Total VOCs Concentration					**0.0**		**57010.0**		**0.0**		**85.0**	

Notes:

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

RL - Reporting Limit

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

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 NYSDEC RCSCO Guidance Value

Table 3
118 Hope Street,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B3		428-B3		428-B4		428-B4		Duplicate	
					(0-2')		(10-12')		(0-2')		(10-12')		428-B2 (0-2')	
					7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020	
		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
1,1,1,2-Tetrachlorothane					< 4.0	4.0	< 26	26	< 20	20	< 6.7	6.7	< 17	17
1,1,1-Trichloroethane	680	680	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,1,2,2-Tetrachloroethane					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,1,2-Trichloroethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,1-Dichloroethane	270	270	26,000	240,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,1-Dichloroethene	330	330	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,1-Dichloropropene					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,2,3-Trichlorobenzene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,2,3-Trichloropropane					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,2,4-Trichlorobenzene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,2,4-Trimethylbenzene	3,600	3,600	52,000	190,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,2-Dibromo-3-chloropropane					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,2-Dibromoethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,2-Dichlorobenzene	1,100	1,100	100,000	500,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,2-Dichloroethane	20	20	3,100	30,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,2-Dichloropropane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,3,5-Trimethylbenzene	8,400	8,400	52,000	190,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,3-Dichlorobenzene	2,400	2,400	4,900	280,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,3-Dichloropropane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
1,4-Dichlorobenzene	1,800	1,800	13,000	130,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
1,4-Dioxane		100	13,000	130,000	< 74	74	< 79	79	< 77	77	< 93	93	< 74	74
2,2-Dichloropropane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
2-Chlorotoluene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
2-Hexanone (Methyl Butyl Ketone)					< 20	20	< 33	33	< 25	25	< 33	33	< 21	21
2-Isopropyltoluene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
4-Chlorotoluene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
4-Methyl-2-Pentanone					< 20	20	< 33	33	< 25	25	< 33	33	< 21	21
Acetone	50	50	100,000	500,000	< 20	20	**40**	30	< 25	25	**77**	33	< 21	21
Acrolein					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Acrylonitrile					< 16	16	< 26	26	< 20	20	< 27	27	< 17	17
Benzene	60	60	4,800	44,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Bromobenzene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
Bromochloromethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Bromodichloromethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Bromoform					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Bromomethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Carbon Disulfide					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Carbon tetrachloride	760	760	2,400	22	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Chlorobenzene	1,100	1,100	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Chloroethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Chloroform	370	370	49,000	350,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Chloromethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
cis-1,2-Dichloroethene	250	250	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
cis-1,3-Dichloropropene					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Dibromochloromethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Dibromomethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Dichlorodifluoromethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Ethylbenzene	1,000	1,000	41,000	390,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Hexachlorobutadiene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
Isopropylbenzene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
m&p-Xylenes	160	260	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	500,000	< 24	24	**15**	40	< 30	30	**17**	40	< 25	25
Methyl t-butyl ether (MTBE)	930	930	100,000	500,000	< 8.1	8.1	< 13	13	< 9.9	9.9	< 13	13	< 8.3	8.3
Methylene chloride	50	50	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Naphthalene	12,000	12,000	100,000	500,000	< 4.0	4.0	< 350	350	**1,500**	290	< 6.7	6.7	< 4.2	4.2
n-Butylbenzene	12,000	12,000	100,000	500,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
n-Propylbenzene	3,900	3,900	100,000	500,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
o-Xylene	160	260	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
p-Isopropyltoluene					< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
sec-Butylbenzene	11,000	11,000	100,000	500,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
Styrene					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
tert-Butly alcohol					< 81	81	< 130	130	< 99	99	< 130	130	< 83	83
tert-Butylbenzene	5,900	5,900	100,000	500,000	< 4.0	4.0	< 350	350	< 290	290	< 6.7	6.7	< 4.2	4.2
Tetrachloroethene	1,300	1,300	19,000	150,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Tetrahydrofuran (THF)					< 8.1	8.1	< 13	13	< 9.9	9.9	< 13	13	< 8.3	8.3
Toluene	700	700	100,000	500,000	< 4.0	4.0	**170**	140	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
trans-1,2-Dichloroethene	190	190	100,000	500,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
trans-1,3-Dichloropropene					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
trans-1,4-dichloro-2-butene					< 8.1	8.1	< 700	700	< 570	570	< 13	13	< 8.3	8.3
Trichloroethene	470	470	21,000	200,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Trichlorofluoromethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Trichlorotrifluoroethane					< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Vinyl Chloride	20	20	900	13,000	< 4.0	4.0	< 6.6	6.6	< 4.9	4.9	< 6.7	6.7	< 4.2	4.2
Total BTEX Concentration					**0**		**170**		**0**		**0**		**0**	
Total VOCs Concentration					**0.0**		**225.0**		**1500.0**		**94.0**		**0.0**	

Notes:

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

RL - Reporting Limit

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

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 NYSDEC RCSCO Guidance Value

Table 4
118 Hope Street,
Brooklyn, 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*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B1		428-B1		428-B2		428-B2	
				(0-2')		(10-12')		(0-2')		(10-12')	
				7/3/2020		7/3/2020		7/3/2020		7/3/2020	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene				< 250	250	< 260	260	< 260	260	< 320	320
1,2,4-Trichlorobenzene				< 250	250	< 260	260	< 260	260	< 320	320
1,2-Dichlorobenzene				< 250	250	< 260	260	< 260	260	< 320	320
1,2-Diphenylhydrazine				< 250	250	< 260	260	< 260	260	< 320	320
1,3-Dichlorobenzene				< 250	250	< 260	260	< 260	260	< 320	320
1,4-Dichlorobenzene				< 250	250	< 260	260	< 260	260	< 320	320
2,4,5-Trichlorophenol				< 250	250	< 260	260	< 260	260	< 320	320
2,4,6-Trichlorophenol				< 180	180	< 190	190	< 190	190	< 230	230
2,4-Dichlorophenol				< 180	180	< 190	190	< 190	190	< 230	230
2,4-Dimethylphenol				< 250	250	< 260	260	< 260	260	< 320	320
2,4-Dinitrophenol				< 250	250	< 260	260	< 260	260	< 320	320
2,4-Dinitrotoluene				< 180	180	< 190	190	< 190	190	< 230	230
2,6-Dinitrotoluene				< 180	180	< 190	190	< 190	190	< 230	230
2-Chloronaphthalene				< 250	250	< 260	260	< 260	260	< 320	320
2-Chlorophenol				< 250	250	< 260	260	< 260	260	< 320	320
2-Methylnaphthalene				< 250	250	**5,800**	260	< 260	260	< 320	320
2-Methylphenol (o-cresol)	330	100,000	500,000	< 250	250	< 260	260	< 260	260	< 320	320
2-Nitroaniline				< 250	250	< 260	260	< 260	260	< 320	320
2-Nitrophenol				< 250	250	< 260	260	< 260	260	< 320	320
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	< 250	250	< 260	260	< 260	260	**260**	320
3,3'-Dichlorobenzidine				< 180	180	< 190	190	< 190	190	< 230	230
3-Nitroaniline				< 360	360	< 380	380	< 370	370	< 460	460
4,6-Dinitro-2-methylphenol				< 220	220	< 230	230	< 220	220	< 270	270
4-Bromophenyl phenyl ether				< 250	250	< 260	260	< 260	260	< 320	320
4-Chloro-3-methylphenol				< 250	250	< 260	260	< 260	260	< 320	320
4-Chloroaniline				< 290	290	< 300	300	< 300	300	< 370	370
4-Chlorophenyl phenyl ether				< 250	250	< 260	260	< 260	260	< 320	320
4-Nitroaniline				< 360	360	< 380	380	< 370	370	< 460	460
4-Nitrophenol				< 360	360	< 380	380	< 370	370	< 460	460
Acenaphthene	20,000	100,000	500,000	< 250	250	**1,900**	260	< 260	260	< 320	320
Acenaphthylene	100,000	100,000	500,000	< 250	250	< 260	260	< 260	260	< 320	320
Acetophenone				< 250	250	< 260	260	< 260	260	< 320	320
Aniline				< 290	290	< 300	300	< 300	300	< 370	370
Anthracene	100,000	100,000	500,000	< 250	250	**2,900**	260	< 260	260	< 320	320
Benz(a)anthracene	1,000	1,000	5,600	< 250	250	**4,800**	260	< 260	260	< 320	320
Benzidine				< 360	360	< 380	380	< 370	370	< 460	460
Benzo(a)pyrene	1,000	1,000	1,000	< 180	180	**4,100**	190	< 190	190	< 230	230
Benzo(b)fluoranthene	1,000	1,000	5,600	< 250	250	**3,600**	260	< 260	260	< 320	320
Benzo(ghi)perylene	100,000	100,000	500,000	< 250	250	**1,800**	260	< 260	260	< 320	320
Benzo(k)fluoranthene	800	3,900	56,000	< 250	250	**3,100**	260	< 260	260	< 320	320
Benzoic acid				< 1800	1,800	< 1900	1,900	< 1900	1,900	< 2300	2,300
Benzyl butyl phthalate				< 250	250	**160**	260	< 260	260	< 320	320
Bis(2-chloroethoxy)methane				< 250	250	< 260	260	< 260	260	< 320	320
Bis(2-chloroethyl)ether				< 180	180	< 190	190	< 190	190	< 230	230
Bis(2-chloroisopropyl)ether				< 250	250	< 260	260	< 260	260	< 320	320
Bis(2-ethylhexyl)phthalate				< 250	250	**230**	260	< 260	260	< 320	320
Carbazole				< 180	180	**1,300**	190	< 190	190	< 230	230
Chrysene	1,000	3,900	56,000	< 250	250	**4,200**	260	< 260	260	< 320	320
Dibenz(a,h)anthracene	330	330	560	< 180	180	**560**	190	< 190	190	< 230	230
Dibenzofuran	7,000	59,000	59,000	< 250	250	**1,000**	260	< 260	260	< 320	320
Diethyl phthalate				< 250	250	< 260	260	< 260	260	< 320	320
Dimethylphthalate				< 250	250	< 260	260	< 260	260	< 320	320
Di-n-butylphthalate				< 250	250	< 260	260	< 260	260	< 320	320
Di-n-octylphthalate				< 250	250	< 260	260	< 260	260	< 320	320
Fluoranthene	100,000	100,000	500,000	< 250	250	**11,000**	2,600	< 260	260	< 320	320
Fluorene	30,000	100,000	500,000	< 250	250	**2,400**	260	< 260	260	< 320	320
Hexachlorobenzene				< 180	180	< 190	190	< 190	190	< 230	230
Hexachlorobutadiene				< 250	250	< 260	260	< 260	260	< 320	320
Hexachlorocyclopentadiene				< 250	250	< 260	260	< 260	260	< 320	320
Hexachloroethane				< 180	180	< 190	190	< 190	190	< 230	230
Indeno(1,2,3-cd)pyrene	500	500	5,600	< 250	250	**2,400**	260	< 260	260	< 320	320
Isophorone				< 180	180	< 190	190	< 190	190	< 230	230
Naphthalene	12,000	100,000	500,000	< 250	250	**2,300**	260	< 260	260	< 320	320
Nitrobenzene				< 180	180	< 190	190	< 190	190	< 230	230
N-Nitrosodimethylamine				< 250	250	< 260	260	< 260	260	< 320	320
N-Nitrosodi-n-propylamine				< 180	180	< 190	190	< 190	190	< 230	230
N-Nitrosodiphenylamine				< 250	250	< 260	260	< 260	260	< 320	320
Pentachloronitrobenzene				< 250	250	< 260	260	< 260	260	< 320	320
Pentachlorophenol	800	6,700	6,700	< 220	220	< 230	230	< 220	220	< 270	270
Phenanthrene	100,000	100,000	500,000	< 250	250	**9,900**	2,600	< 260	260	< 320	320
Phenol	330	100,000	500,000	< 250	250	< 260	260	< 260	260	< 320	320
Pyrene	100,000	100,000	500,000	< 250	250	**8,800**	2,600	< 260	260	< 320	320
Pyridine				< 250	250	< 260	260	< 260	260	< 320	320

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 NYSDEC RCSCO Guidance Value

Table 4
118 Hope Street,
Brooklyn, 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*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B3		428-B3		428-B4		428-B4		Duplicate	
				(0-2')		(10-12')		(0-2')		(10-12')		428-B2 (0-2')	
				7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020	
				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
1,2,4,5-Tetrachlorobenzene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
1,2,4-Trichlorobenzene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
1,2-Dichlorobenzene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
1,2-Diphenylhydrazine				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
1,3-Dichlorobenzene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
1,4-Dichlorobenzene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
2,4,5-Trichlorophenol				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
2,4,6-Trichlorophenol				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
2,4-Dichlorophenol				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
2,4-Dimethylphenol				< 260	260	< 270	270	**440**	270	< 320	320	< 250	250
2,4-Dinitrophenol				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
2,4-Dinitrotoluene				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
2,6-Dinitrotoluene				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
2-Chloronaphthalene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
2-Chlorophenol				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
2-Methylnaphthalene				< 260	260	< 270	270	**3,900**	270	< 320	320	< 250	250
2-Methylphenol (o-cresol)	330	100,000	500,000	< 260	260	< 270	270	**340**	270	< 320	320	< 250	250
2-Nitroaniline				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
2-Nitrophenol				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	< 260	260	< 270	270	**640**	270	< 320	320	< 250	250
3,3'-Dichlorobenzidine				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
3-Nitroaniline				< 380	380	< 390	390	< 390	390	< 460	460	< 360	360
4,6-Dinitro-2-methylphenol				< 230	230	< 230	230	< 230	230	< 280	280	< 220	220
4-Bromophenyl phenyl ether				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
4-Chloro-3-methylphenol				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
4-Chloroaniline				< 300	300	< 310	310	< 310	310	< 370	370	< 290	290
4-Chlorophenyl phenyl ether				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
4-Nitroaniline				< 380	380	< 390	390	< 390	390	< 460	460	< 360	360
4-Nitrophenol				< 380	380	< 390	390	< 390	390	< 460	460	< 360	360
Acenaphthene	20,000	100,000	500,000	< 260	260	< 270	270	**5,400**	270	< 320	320	< 250	250
Acenaphthylene	100,000	100,000	500,000	< 260	260	< 270	270	**1,100**	270	< 320	320	< 250	250
Acetophenone				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Aniline				< 300	300	< 310	310	< 310	310	< 370	370	< 290	290
Anthracene	100,000	100,000	500,000	< 260	260	< 270	270	**11,000**	2,700	< 320	320	< 250	250
Benz(a)anthracene	1,000	1,000	5,600	< 260	260	< 270	270	**22,000**	2,700	< 320	320	< 250	250
Benzidine				< 380	380	< 390	390	< 390	390	< 460	460	< 360	360
Benzo(a)pyrene	1,000	1,000	1,000	< 190	190	< 190	190	**19,000**	1,900	< 230	230	< 180	180
Benzo(b)fluoranthene	1,000	1,000	5,600	< 260	260	< 270	270	**15,000**	2,700	< 320	320	< 250	250
Benzo(ghi)perylene	100,000	100,000	500,000	< 260	260	< 270	270	**3,800**	270	< 320	320	< 250	250
Benzo(k)fluoranthene	800	3,900	56,000	< 260	260	< 270	270	**14,000**	2,700	< 320	320	< 250	250
Benzoic acid				< 1900	1,900	< 1900	1,900	< 1900	1,900	< 2300	2,300	< 1800	1,800
Benzyl butyl phthalate				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Bis(2-chloroethoxy)methane				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Bis(2-chloroethyl)ether				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
Bis(2-chloroisopropyl)ether				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Bis(2-ethylhexyl)phthalate				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Carbazole				< 190	190	< 190	190	**4,400**	190	< 230	230	< 180	180
Chrysene	1,000	3,900	56,000	< 260	260	< 270	270	**21,000**	2,700	< 320	320	< 250	250
Dibenz(a,h)anthracene	330	330	560	< 190	190	< 190	190	**2,600**	190	< 230	230	< 180	180
Dibenzofuran	7,000	59,000	59,000	< 260	260	< 270	270	**5,300**	270	< 320	320	< 250	250
Diethyl phthalate				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Dimethylphthalate				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Di-n-butylphthalate				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Di-n-octylphthalate				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Fluoranthene	100,000	100,000	500,000	< 260	260	< 270	270	**44,000**	2,700	< 320	320	< 250	250
Fluorene	30,000	100,000	500,000	< 260	260	< 270	270	**4,800**	270	< 320	320	< 250	250
Hexachlorobenzene				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
Hexachlorobutadiene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Hexachlorocyclopentadiene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Hexachloroethane				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
Indeno(1,2,3-cd)pyrene	500	500	5,600	< 260	260	< 270	270	**6,700**	270	< 320	320	< 250	250
Isophorone				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
Naphthalene	12,000	100,000	500,000	< 260	260	< 270	270	**11,000**	2,700	< 320	320	< 250	250
Nitrobenzene				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
N-Nitrosodimethylamine				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
N-Nitrosodi-n-propylamine				< 190	190	< 190	190	< 190	190	< 230	230	< 180	180
N-Nitrosodiphenylamine				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Pentachloronitrobenzene				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Pentachlorophenol	800	6,700	6,700	< 230	230	< 230	230	< 230	230	< 280	280	< 220	220
Phenanthrene	100,000	100,000	500,000	< 260	260	< 270	270	**44,000**	2,700	< 320	320	< 250	250
Phenol	330	100,000	500,000	< 260	260	< 270	270	< 270	270	< 320	320	< 250	250
Pyrene	100,000	100,000	500,000	< 260	260	< 270	270	**41,000**	2,700	< 320	320	< 250	250
Pyridine				< 260	260	< 270	270	< 270	270	< 320	320	< 250	250

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 NYSDEC RCSCO Guidance Value

Table 5
118 Hope Street,
Brooklyn, 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*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B1 (0-2') 7/3/2020 µg/Kg		428-B1 (10-12') 7/3/2020 µg/Kg		428-B2 (0-2') 7/3/2020 µg/Kg		428-B2 (10-12') 7/3/2020 µg/Kg	
		µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	92,000	< 2.1	2.1	**24**	2.2	< 2.2	2.2	< 2.7	2.7
	4,4' -DDE	3.3	8,900	62,000	< 2.1	2.1	**8.3**	2.2	< 2.2	2.2	< 2.7	2.7
	4,4' -DDT	3.3	7,900	47,000	< 2.1	2.1	**28**	2.2	< 2.2	2.2	< 2.7	2.7
	a-BHC	20	480	3,400	< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	a-Chlordane	94	4,200	24,000	< 3.5	3.5	**130**	19	**23**	3.7	< 4.6	4.6
	Aldrin	5	97	680	< 3.5	3.5	**27**	3.7	< 3.7	3.7	< 4.6	4.6
	b-BHC	36	360	3,000	< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	Chlordane				< 35	35	**830**	190	**110**	37	< 46	46
	d-BHC	40	100,000	500,000	< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	Dieldrin	5	200	1,400	< 3.5	3.5	< 3.7	3.7	< 3.7	3.7	< 4.6	4.6
	Endosulfan I	2,400	24,000	200,000	< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	Endosulfan II	2,400	24,000	200,000	< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	Endosulfan sulfate	2,400	24,000	200,000	< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	Endrin	14	11,000	89,000	< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	Endrin aldehyde				< 7.0	7.0	**150**	37	< 7.4	7.4	< 9.1	9.1
	Endrin ketone				< 7.0	7.0	< 7.5	7.5	< 7.4	7.4	< 9.1	9.1
	g-BHC				< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.8	1.8
	g-Chlordane				< 3.5	3.5	**120**	19	**14**	3.7	< 4.6	4.6
	Heptachlor	42	2,100	15,000	< 7.0	7.0	**20**	7.5	< 7.4	7.4	< 9.1	9.1
	Heptachlor epoxide				< 7.0	7.0	**19**	7.5	< 7.4	7.4	< 9.1	9.1
	Methoxychlor				< 35	35	< 37	37	< 37	37	< 46	46
	Toxaphene				< 140	140	< 150	150	< 150	150	< 180	180
PCBs	PCB-1016	100	1,000	1,000	< 70	70	< 370	370	< 74	74	< 91	91
	PCB-1221	100	1,000	1,000	< 70	70	< 370	370	< 74	74	< 91	91
	PCB-1232	100	1,000	1,000	< 70	70	< 370	370	< 74	74	< 91	91
	PCB-1242	100	1,000	1,000	< 70	70	< 370	370	< 74	74	< 91	91
	PCB-1248	100	1,000	1,000	< 70	70	< 370	370	< 74	74	< 91	91
	PCB-1254	100	1,000	1,000	< 70	70	**630**	370	< 74	74	< 91	91
	PCB-1260	100	1,000	1,000	< 70	70	< 370	370	< 74	74	< 91	91
	PCB-1262				< 70	70	< 370	370	< 74	74	< 91	91
	PCB-1268				< 70	70	< 370	370	< 74	74	< 91	91

Notes:

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

RL - Reporting Limit

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

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

Table 5
118 Hope Street,
Brooklyn, 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*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B3 (0-2') 7/3/2020 µg/Kg		428-B3 (10-12') 7/3/2020 µg/Kg		428-B4 (0-2') 7/3/2020 µg/Kg		428-B4 (10-12') 7/3/2020 µg/Kg		Soil Duplicate 428-B2 (0-2') 7/3/2020 µg/Kg	
		µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	92,000	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.8	2.8	< 2.2	2.2
	4,4' -DDE	3.3	8,900	62,000	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.8	2.8	**4.5**	2.2
	4,4' -DDT	3.3	7,900	47,000	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.8	2.8	**2.9**	2.2
	a-BHC	20	480	3,400	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	a-Chlordane	94	4,200	24,000	< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 4.6	4.6	**12**	3.7
	Aldrin	5	97	680	< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 4.6	4.6	< 3.7	3.7
	b-BHC	36	360	3,000	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Chlordane				< 38	38	< 39	39	< 38	38	< 46	46	**63**	37
	d-BHC	40	100,000	500,000	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Dieldrin	5	200	1,400	< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 4.6	4.6	< 3.7	3.7
	Endosulfan I	2,400	24,000	200,000	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Endosulfan II	2,400	24,000	200,000	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Endosulfan sulfate	2,400	24,000	200,000	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Endrin	14	11,000	89,000	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Endrin aldehyde				< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Endrin ketone				< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	g-BHC				< 1.5	1.5	< 1.6	1.6	< 1.5	1.5	< 1.8	1.8	< 1.5	1.5
	g-Chlordane				< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 4.6	4.6	**7.9**	3.7
	Heptachlor	42	2,100	15,000	< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Heptachlor epoxide				< 7.6	7.6	< 7.8	7.8	< 7.5	7.5	< 9.2	9.2	< 7.3	7.3
	Methoxychlor				< 38	38	< 39	39	< 38	38	< 46	46	< 37	37
	Toxaphene				< 150	150	< 160	160	< 150	150	< 180	180	< 150	150
PCBs	PCB-1016	100	1,000	1,000	< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1221	100	1,000	1,000	< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1232	100	1,000	1,000	< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1242	100	1,000	1,000	< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1248	100	1,000	1,000	< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1254	100	1,000	1,000	< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1260	100	1,000	1,000	< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1262				< 74	74	< 78	78	< 75	75	< 92	92	< 73	73
	PCB-1268				< 74	74	< 78	78	< 75	75	< 92	92	< 73	73

Notes:

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

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

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

Table 6
118 Hope Street,
Brooklyn, 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*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B1		428-B1		428-B2		428-B2	
				(0-2')		(10-12')		(0-2')		(10-12')	
				7/3/2020		7/3/2020		7/3/2020		7/3/2020	
				mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	mg/Kg	mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum				**7,460**	36	**8,080**	37	**8,300**	34	**16,000**	45
Antimony				< 3.6	3.6	< 3.7	3.7	< 3.4	3.4	< 4.5	4.5
Arsenic	13	16	16	**3.26**	0.72	**8.07**	0.75	**3.23**	0.69	**4.4**	0.89
Barium	350	400	400	**49.6**	0.7	**190**	0.7	**65.9**	0.7	**106**	0.9
Beryllium	7.2	72	590	**0.52**	0.29	**0.44**	0.30	**0.54**	0.27	**0.76**	0.36
Cadmium	2.5	4.3	9.3	**0.57**	0.36	**1.11**	0.37	**0.61**	0.34	**1.02**	0.45
Calcium				**911**	3.6	**46,800**	37	**1,940**	3.4	**7,580**	4.5
Chromium	30	180	1500	**13.9**	0.36	**27.7**	0.37	**14.6**	0.34	**28**	0.45
Cobalt				**5.92**	0.36	**6.47**	0.37	**6.22**	0.34	**10.4**	0.45
Copper	50	270	270	**14.9**	0.7	**62.4**	0.7	**22.3**	0.7	**29.7**	0.9
Iron				**13,500**	36	**14,400**	37	**13,700**	34	**26,400**	45
Lead	63	400	1000	**9.2**	0.7	**195**	0.7	**17.6**	0.7	**118**	0.9
Magnesium				**2,680**	3.6	**5,380**	37	**2,820**	3.4	**3,870**	4.5
Manganese	1,600	2,000	10,000	**335**	3.6	**220**	3.7	**315**	3.4	**534**	4.5
Mercury	0.18	0.81	2.8	< 0.03	0.03	**0.33**	0.07	**0.06**	0.03	**0.17**	0.04
Nickel	30	310	310	**16.8**	0.36	**21.3**	0.37	**15.3**	0.34	**21.1**	0.45
Potassium				**1,100**	7	**950**	7	**1,070**	7	**1,600**	9
Selenium	3.9	180	1500	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.8	1.8
Silver	2	180	1500	< 0.36	0.36	**0.78**	0.37	< 0.34	0.34	< 0.45	0.45
Sodium				**109**	7	**545**	7	**145**	7	**323**	9
Thallium				< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.8	1.8
Vanadium				**23.3**	0.36	**27.8**	0.37	**25.2**	0.34	**44.5**	0.45
Zinc	109	10,000	10,000	**32.1**	0.7	**212**	7.5	**42.5**	0.7	**49.3**	0.9

Notes:

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

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

Table 6
118 Hope Street,
Brooklyn, 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*	NYDEC Part 375.6 Restricted Commercial Soil Cleanup Objectives	428-B3		428-B3		428-B4		428-B4		Soil Duplicate	
				(0-2')		(10-12')		(0-2')		(10-12')		428-B2 (0-2')	
				7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020	
				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
Aluminum				**15,300**	35	**15,800**	35	**11,600**	40	**32,400**	450	**8,950**	37
Antimony				< 3.5	3.5	< 3.5	3.5	< 4.0	4.0	< 4.5	4.5	< 3.7	3.7
Arsenic	13	16	16	**3.69**	0.70	**1.88**	0.71	**11.1**	0.81	**5.52**	0.90	**3.48**	0.75
Barium	350	400	400	**99.9**	0.7	**73.4**	0.7	**465**	0.8	**159**	0.9	**92.5**	0.7
Beryllium	7.2	72	590	**0.71**	0.28	**0.65**	0.28	**0.59**	0.32	**1.28**	0.36	**0.59**	0.30
Cadmium	2.5	4.3	9.3	**1.06**	0.35	**1.12**	0.35	**3.79**	0.40	**1.77**	0.45	**0.67**	0.37
Calcium				**1,570**	3.5	**1,220**	3.5	**2,800**	4.0	**4,160**	4.5	**1,890**	3.7
Chromium	30	180	1500	**34.1**	0.35	**32.6**	0.35	**35**	0.40	**49.4**	0.45	**15.9**	0.37
Cobalt				**8.25**	0.35	**9.25**	0.35	**8.24**	0.40	**17.8**	0.45	**6.36**	0.37
Copper	50	270	270	**27.3**	0.7	**24.1**	0.7	**274**	8.1	**48.9**	0.9	**33.2**	0.7
Iron				**30,900**	35	**34,900**	35	**37,800**	40	**45,100**	45	**14,500**	37
Lead	63	400	1000	**40.9**	0.7	**8.7**	0.7	**616**	0.8	**130**	0.9	**17**	0.7
Magnesium				**3,110**	3.5	**2,590**	3.5	**2,690**	4.0	**6,260**	4.5	**3,330**	3.7
Manganese	1,600	2,000	10,000	**373**	3.5	**210**	3.5	**259**	4.0	**1,100**	4.5	**316**	3.7
Mercury	0.18	0.81	2.8	**0.19**	0.03	< 0.03	0.03	**0.46**	0.07	**0.28**	0.09	**0.02**	0.03
Nickel	30	310	310	**16.6**	0.35	**18.1**	0.35	**23.5**	0.40	**38.1**	0.45	**15.2**	0.37
Potassium				**1,320**	7	**1,330**	7	**1,230**	8	**2,710**	9	**1,220**	7
Selenium	3.9	180	1500	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.8	1.8	< 1.5	1.5
Silver	2	180	1500	< 0.35	0.35	< 0.35	0.35	**0.42**	0.40	< 0.45	0.45	< 0.37	0.37
Sodium				**121**	7	**121**	7	**175**	8	**380**	9	**173**	7
Thallium				< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.8	1.8	< 1.5	1.5
Vanadium				**46.3**	0.35	**49.1**	0.35	**35.5**	0.40	**64**	0.45	**27.8**	0.37
Zinc	109	10,000	10,000	**55.9**	0.7	**41.6**	0.7	**1,440**	8.1	**113**	90	**46.8**	0.7

Notes:

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

Table 7
118 Hope Street,
Brooklyn, New York
Soil Analytical Results
Emerging Contaminants

Compound	428-B1		428-B1		428-B2		428-B2		428-B3		428-B3		428-B4		428-B4		Soil Dupicate	
	(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		428-B2 (0-2')	
	7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020	
	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
Perfluorobutanoic Acid (PFBA)	**0.041J**	0.542	ND	0.696	**0.075J**	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	**0.049J**	0.558
Perfluoropentanoic Acid (PFPeA)	**0.086J**	0.542	**0.070J**	0.696	**0.109J**	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	**0.082J**	0.558
Perfluorobutanesulfonic Acid (PFBS)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorohexanoic Acid (PFHxA)	**0.079J**	0.542	**0.130J**	0.696	**0.117J**	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	**0.079J**	0.649	**0.085J**	0.558
Perfluoroheptanoic Acid (PFHpA)	ND	0.542	ND	0.696	**0.061J**	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorooctanoic Acid (PFOA)	**0.174J**	0.542	**0.148J**	0.696	**0.303J**	0.535	ND	0.702	ND	0.517	**0.065J**	0.538	ND	0.575	ND	0.649	**0.225J**	0.558
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorononanoic Acid (PFNA)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorooctanesulfonic Acid (PFOS)	**0.312J**	0.542	**0.229J**	0.696	**0.376J**	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	**0.290J**	0.558
Perfluorodecanoic Acid (PFDA)	**0.077J**	0.542	ND	0.696	**0.073J**	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluoroundecanoic Acid (PFUnA)	ND	0.542	ND	0.696	**0.056J**	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorodecanesulfonic Acid (PFDS)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorooctanesulfonamide (FOSA)	ND	5	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorododecanoic Acid (PFDoA)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorotridecanoic Acid (PFTrDA)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Perfluorotetradecanoic Acid (PFTA)	ND	0.542	ND	0.696	ND	0.535	ND	0.702	ND	0.517	ND	0.538	ND	0.575	ND	0.649	ND	0.558
Combined PFOA and PFOS	**0.486J**		**0.377J**		**0.679J**		**ND**		**ND**		**0.065J**		**ND**		**ND**		**0.612J**	
Combined Total Detections	**0.769J**		**0.577J**		**1.17J**		**ND**		**ND**		**0.065J**		**ND**		**0.079J**		**0.731J**	

Compound	428-B1		428-B1		428-B2		428-B2		428-B3		428-B3		428-B4		428-B4		Soil Dupicate	
	(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		428-B2 (0-2')	
	7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020		7/3/2020	
	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
1,4-dioxane	< 72	72	< 74	74	< 74	74	< 91	91	< 74	74	< 79	79	< 77	77	< 93	93	< 74	74

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
118 Hope Street,
Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	428 MW1		428 MW2		428 MW3		GW Duplicate	
		7/6/2020		7/6/2020		7/6/2020		7/6/2020	
		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 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
1,1,2-Trichloroethane	1	< 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
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**52**	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**11**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane		< 0.20	0.20	< 0.20	0.20	< 0.20	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
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**0.33**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	**16**	5.0	**3**	5.0	**3.3**	5.0
Acrolein	5	< 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
Benzene	1	**12**	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		**0.96**	1.0	**0.5**	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	**1.1**	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
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	< 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	**0.29**	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	0.04	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**27**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**3.6**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes		**93**	5.0	< 1.0	1.0	**0.32**	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	**3.4**	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**9.6**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**2.7**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**7.8**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	**56**	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	**1.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**2.7**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	**0.3**	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	**82**	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**11**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0

Table 9
118 Hope Street,
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	428 MW1		428 MW2		428 MW3		GW Duplicate	
		7/6/2020		7/6/2020		7/6/2020		7/6/2020	
		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene		< 3.4	3.4	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
1,2,4-Trichlorobenzene		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
1,2-Dichlorobenzene		< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Diphenylhydrazine		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
1,3-Dichlorobenzene	3	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dichlorophenol	5	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dimethylphenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrophenol	5	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrotoluene	5	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4,5-Trichlorophenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4,6-Trichlorophenol	1	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2,6-Dinitrotoluene	5	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Chloronaphthalene	10	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
2-Chlorophenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Methylnaphthalene		**2.2**	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
2-Methylphenol (o-cresol)	1	**1.3**	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Nitroaniline	5	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Nitrophenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
3&4-Methylphenol (m&p-cresol)		< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
3,3'-Dichlorobenzidine	5	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
3-Nitroaniline	5	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4,6-Dinitro-2-methylphenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Bromophenyl phenyl ether		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
4-Chloro-3-methylphenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chloroaniline	5	< 3.4	3.4	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
4-Nitroaniline	5	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Nitrophenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Acenaphthene	20	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Acenaphthylene		< 0.48	0.48	< 0.54	0.54	< 0.51	0.51	< 0.50	0.50
Acetophenone		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Aniline	5	< 3.4	3.4	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
Anthracene	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 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
Benzidine	5	< 4.3	4.3	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5
Benzo(a)pyrene		< 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
Benzo(g,h,i)perylene		< 0.48	0.48	< 0.54	0.54	< 0.51	0.51	< 0.50	0.50
Benzo(k)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzoic Acid		< 24	24	< 25	25	< 25	25	< 25	25
Butyl benzyl phthalate	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Bis(2-chloroethoxy)methane	5	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethyl)ether	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bis(2-chloroisopropyl)ether		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Bis(2-ethylhexyl)phthalate	5	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbazole		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Chrysene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Dibenzo(a,h)anthracene		< 0.48	0.48	< 0.54	0.54	< 0.51	0.51	< 0.50	0.50
Dibenzofuran		< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Diethylphthalate	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Dimethylphthalate	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Di-n-butylphthalate	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Di-n-octylphthalate	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Fluoranthene	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Fluorene	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Hexachlorobenzene	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04
Hexachlorobutadiene	0.5	< 0.48	0.48	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Hexachlorocyclopentadiene	5	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Hexachloroethane	5	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Indeno(1,2,3-cd)pyrene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Isophorone	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Naphthalene	10	< 4.8	4.8	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Nitrobenzene	0.4	< 0.38	0.38	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
N-Nitrosodimethylamine		< 0.10	0.10	< 0.11	0.11	< 0.10	0.10	< 0.10	0.10
N-Nitrosodi-n-propylamine		< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
N-Nitrosodiphenylamine	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Pentachloronitrobenzene		< 2.4	2.4	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Pentachlorophenol	1	< 0.48	0.48	< 0.54	0.54	< 0.61	0.61	**0.59**	0.50
Phenanthrene	50	< 0.48	0.48	< 0.54	0.54	< 0.51	0.51	< 0.50	0.50
Phenol	1	< 0.96	0.96	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Pyrene	50	< 4.8	4.8	< 5.0	5.0	< 5.1	5.1	< 5.0	5.0
Pyridine	50	< 9.6	9.6	< 10	10	< 10	10	< 10	10

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
118 Hope Street,
Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards	428 MW1		428 MW2		428 MW3		GW Duplicate	
			7/6/2020		7/6/2020		7/6/2020		7/6/2020	
			µg/L		µg/L		µg/L		µg/L	
		µg/L	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4-DDD	0.3	< 0.005	0.005	< 0.005	0.005	< 0.010	0.010	< 0.024	0.024
	4,4-DDE	0.2	< 0.005	0.005	< 0.005	0.005	< 0.010	0.010	< 0.024	0.024
	4,4-DDT	0.2	< 0.005	0.005	< 0.005	0.005	< 0.010	0.010	< 0.024	0.024
	a-BHC	0.01	< 0.005	0.005	< 0.005	0.005	< 0.010	0.010	< 0.024	0.024
	a-chlordane		< 0.010	0.010	< 0.010	0.010	< 0.051	0.051	< 0.048	0.048
	Alachlor	0.5	< 0.077	0.077	< 0.072	0.072	< 0.38	0.38	< 0.36	0.36
	Aldrin		< 0.002	0.002	< 0.001	0.001	< 0.008	0.008	< 0.007	0.007
	b-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.025	0.025	< 0.024	0.024
	Chlordane	0.05	< 0.021	0.021	< 0.048	0.048	< 0.050	0.050	< 0.24	0.24
	d-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.025	0.025	< 0.024	0.024
	Dieldrin	0.004	< 0.002	0.002	< 0.001	0.001	< 0.004	0.004	< 0.007	0.007
	Endosulfan I		< 0.010	0.010	< 0.010	0.010	< 0.051	0.051	< 0.048	0.048
	Endosulfan II		< 0.010	0.010	< 0.010	0.010	< 0.051	0.051	< 0.048	0.048
	Endosulfan Sulfate		< 0.010	0.010	< 0.010	0.010	< 0.051	0.051	< 0.048	0.048
	Endrin		< 0.005	0.005	< 0.010	0.010	< 0.010	0.010	< 0.048	0.048
	Endrin aldehyde	5	< 0.010	0.010	< 0.010	0.010	< 0.051	0.051	< 0.048	0.048
	Endrin ketone	5	< 0.010	0.010	< 0.010	0.010	< 0.30	0.30	< 0.50	0.50
	gamma-BHC	0.05	< 0.005	0.005	< 0.005	0.005	< 0.025	0.025	< 0.024	0.024
	g-chlordane		< 0.010	0.010	< 0.010	0.010	< 0.051	0.051	< 0.048	0.048
	Heptachlor	0.04	< 0.005	0.005	< 0.010	0.010	< 0.010	0.010	< 0.048	0.048
	Heptachlor epoxide	0.03	< 0.005	0.005	< 0.010	0.010	< 0.010	0.010	< 0.048	0.048
	Methoxychlor	35	< 0.10	0.10	< 0.096	0.096	< 0.51	0.51	< 0.48	0.48
	Toxaphene	0.06	< 0.21	0.21	< 0.19	0.19	< 0.25	0.25	< 0.97	0.97
PCBs	PCB-1016	0.09	< 0.052	0.052	< 0.048	0.048	**0.66**	0.25	**0.56**	0.24
	PCB-1221	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24
	PCB-1232	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24
	PCB-1242	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24
	PCB-1248	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24
	PCB-1254	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24
	PCB-1260	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24
	PCB-1262	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24
	PCB-1268	0.09	< 0.052	0.052	< 0.048	0.048	< 0.25	0.25	< 0.24	0.24

Notes:
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 11
118 Hope Street,
Brooklyn, New York
Groundwater Analytical Results
TAL Metals

Compound	NYSDEC Groundwater Quality Standards	428 MW1		428 MW2		428 MW3		GW Duplicate	
		7/6/2020		7/6/2020		7/6/2020		7/6/2020	
		mg/L		mg/L		mg/L		mg/L	
	mg/L	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	0.1	**79.9**	0.20	**10.7**	0.020	**1.04**	0.020	**0.714**	0.020
Antimony	0.003	< 0.0030	0.0030	< 0.0030	0.0030	**0.0033**	0.0030	**0.0033**	0.0030
Arsenic	0.025	**0.021**	0.004	**0.005**	0.004	**0.001**	0.004	**0.002**	0.004
Barium	1	**0.581**	0.010	**0.245**	0.010	**0.037**	0.010	**0.036**	0.010
Beryllium	0.003	**0.004**	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	**0.004**	0.004	**0.001**	0.004	< 0.004	0.004	< 0.004	0.004
Calcium		**134**	0.010	**62.8**	0.010	**130**	0.010	**131**	0.010
Chromium	0.05	**0.15**	0.001	**0.027**	0.001	**0.04**	0.001	**0.04**	0.001
Cobalt		**0.037**	0.005	**0.008**	0.005	**0.002**	0.005	**0.001**	0.005
Copper	0.2	**0.179**	0.005	**0.022**	0.005	**0.017**	0.005	**0.017**	0.005
Iron	0.3	**135**	0.10	**35.6**	0.01	**1.55**	0.01	**1.17**	0.01
Lead	0.025	**0.06**	0.002	**0.008**	0.002	**0.003**	0.002	**0.002**	0.002
Magnesium	35	**25.6**	0.010	**30.8**	0.010	**18.5**	0.010	**18.9**	0.010
Manganese	0.3	**1.63**	0.005	**2.26**	0.050	**0.03**	0.005	**0.026**	0.005
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	**0.098**	0.004	**0.013**	0.004	**0.003**	0.004	**0.003**	0.004
Potassium		**27.4**	0.1	**18.6**	0.1	**40.3**	0.1	**41.5**	0.1
Selenium	0.01	**0.002**	0.01	**0.001**	0.010	**0.009**	0.010	**0.009**	0.010
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	20	**165**	1.0	**45.8**	0.10	**57.7**	1.0	**58.2**	1.0
Thallium	0.0005	**0.0009**	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium		**0.202**	0.010	**0.045**	0.010	**0.003**	0.010	**0.004**	0.010
Zinc	5	**0.25**	0.010	**0.03**	0.010	**0.016**	0.010	**0.015**	0.010

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 12
118 Hope Street,
Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	428 MW1		428 MW2		428 MW3		GW Duplicate	
		7/6/2020		7/6/2020		7/6/2020		7/6/2020	
		mg/L		mg/L		mg/L		mg/L	
	mg/L	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum (Dissolved)	0.1	**0.048**	0.011	< 0.011	0.011	**0.046**	0.011	**0.046**	0.011
Antimony (Dissolved)-LDL	0.003	**0.0001**	0.0003	**0.0001**	0.0003	**0.0029**	0.0003	**0.003**	0.0003
Arsenic, (Dissolved)	0.025	**0.002**	0.003	**0.002**	0.003	**0.001**	0.003	**0.002**	0.003
Barium (Dissolved)	1	**0.136**	0.011	**0.134**	0.011	**0.031**	0.011	**0.031**	0.011
Beryllium (Dissolved)	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium (Dissolved)	0.005	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium (Dissolved)		**123**	0.01	**59.9**	0.01	**129**	0.01	**128**	0.01
Chromium (Dissolved)	0.05	< 0.001	0.001	**0.002**	0.001	**0.037**	0.001	**0.036**	0.001
Cobalt, (Dissolved)		< 0.005	0.005	**0.004**	0.005	< 0.005	0.005	< 0.005	0.005
Copper, (Dissolved)	0.2	< 0.005	0.005	**0.002**	0.005	**0.013**	0.005	**0.013**	0.005
Iron, (Dissolved)	0.3	< 0.01	0.01	**0.09**	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
Magnesium (Dissolved)	35	**10.7**	0.01	**28.3**	0.01	**18.1**	0.01	**18.1**	0.01
Manganese, (Dissolved)	0.3	**0.583**	0.005	**1.84**	0.005	**0.008**	0.005	**0.008**	0.005
Mercury (Dissolved)	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel, (Dissolved)	0.1	**0.001**	0.004	**0.003**	0.004	**0.002**	0.004	**0.002**	0.004
Potassium (Dissolved)		**16.9**	0.1	**17**	0.1	**40.5**	0.1	**41.4**	0.1
Selenium (Dissolved)-LDL	0.01	**0.002**	0.002	**0.002**	0.002	**0.008**	0.002	**0.007**	0.002
Silver (Dissolved)	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium (Dissolved)	20	**156**	11	**44.6**	0.11	**57.2**	1.1	**58.9**	1.1
Thallium (Dissolved)	0.0005	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003	< 0.0003	0.0003
Vanadium, (Dissolved)		< 0.011	0.011	**0.003**	0.011	< 0.011	0.011	**0.002**	0.011
Zinc, (Dissolved)	5	< 0.011	0.011	< 0.011	0.011	**0.008**	0.011	**0.007**	0.011

Notes:
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 13
118 Hope Street,
Brooklyn, New York
Groundwater Analytical Results
Emerging Contaminants

Compound	428 MW1		428 MW2		428 MW3		GW Duplicate	
	7/6/2020		7/6/2020		7/6/2020		7/6/2020	
	ng/L		ng/L		ng/L		ng/L	
	Result	RL	Result	RL	Result	RL	Result	RL
Perfluorobutanoic Acid (PFBA)	**22.5**	2.01	**15.7**	2.45	**23.5**	1.99	**23.4**	1.96
Perfluoropentanoic Acid (PFPeA)	**39.5**	2.01	**24.8**	2.45	**65.7**	1.99	**64.4**	1.96
Perfluorobutanesulfonic Acid (PFBS)	**9.43**	2.01	**7.96**	2.45	**7.78**	1.99	**7.34**	1.96
Perfluorohexanoic Acid (PFHxA)	**35.9**	2.01	**15.4**	2.45	**41.6**	1.99	**40.5**	1.96
Perfluoroheptanoic Acid (PFHpA)	**22.7**	2.01	**6.45**	2.45	**23.8**	1.99	**23.2**	1.96
Perfluorohexanesulfonic Acid (PFHxS)	**11.7F**	2.01	**3**	2.45	**5.13**	1.99	**5.02**	1.96
Perfluorooctanoic Acid (PFOA)	**45.8**	2.01	**39.2**	2.45	**108**	1.99	**107**	1.96
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**56.3**	2.01	**26.6F**	2.45	**15.2**	1.99	**12.3**	1.96
Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.01	ND	2.45	**1.79J**	1.99	**1.79J**	1.96
Perfluorononanoic Acid (PFNA)	**1.82J**	2.01	**0.545J**	2.45	**5.61**	1.99	**5.62**	1.96
Perfluorooctanesulfonic Acid (PFOS)	**15.6**	2.01	**3.82**	2.45	**27.2**	1.99	**26.6**	1.96
Perfluorodecanoic Acid (PFDA)	**3.02**	2.01	ND	2.45	**2.05**	1.99	**1.82J**	1.96
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.01	ND	2.45	ND	1.99	ND	1.96
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	**0.940J**	2.01	ND	2.45	ND	1.99	ND	1.96
Perfluoroundecanoic Acid (PFUnA)	**0.374J**	2.01	ND	2.45	ND	1.99	ND	1.96
Perfluorodecanesulfonic Acid (PFDS)	ND	2.01	ND	2.45	ND	1.99	ND	1.96
Perfluorooctanesulfonamide (FOSA)	**1.42JF**	2.01	ND	2.45	ND	1.99	ND	1.96
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	**3.98F**	2.01	ND	2.45	ND	1.99	ND	1.96
Perfluorododecanoic Acid (PFDoA)	ND	2.01	ND	2.45	ND	1.99	ND	1.96
Perfluorotridecanoic Acid (PFTrDA)	ND	2.01	ND	2.45	ND	1.99	ND	1.96
Perfluorotetradecanoic Acid (PFTA)	ND	2.01	ND	2.45	ND	1.99	ND	1.96
Combined PFOA and PFOS	**61.4**		**43.02**		**135.2**		**133.6**	
Combined Total Detections	**270.984**		**143.475**		**327.36**		**318.99**	

Compound	428 MW1		428 MW2		428 MW3		GW Duplicate	
	7/6/2020		7/6/2020		7/6/2020		7/6/2020	
	µg/L		µg/L		µg/L		µg/L	
	Result	RL	Result	RL	Result	RL	Result	RL
1,4-dioxane	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20

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
118 Hope Street,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SV1		SV2		SV3		SV4	
			7/6/2020		7/6/2020		7/6/2020		7/6/2020	
			µg/m³		µg/m³		µg/m³		µg/m³	
	(µg/m³) [a]	(µg/m³) [b]	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
1,1,1-Trichloroethane	100	<2.0 - 2.8	**23.3**	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
1,1,2-Trichloroethane		<1.0	< 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
1,1-Dichloroethene		<1.0	< 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
1,2,4-Trimethylbenzene		<1.0	**2.87**	1.00	**2.79**	1.00	**2.65**	1.00	**5.4**	1.00
1,2-Dibromoethane		<1.5	< 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
1,2-Dichloroethane		<1.0	< 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
1,2-Dichlorotetrafluoroethane			< 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	**5.31**	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	**4.45**	1.00	**3.62**	1.00	**3.55**	1.00	**3.84**	1.00
1,4-Dichlorobenzene		NA	< 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
2-Hexanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	**2.01**	1.00	**1.91**	1.00	**1.82**	1.00	**27**	1.00
4-Isopropyltoluene			**1.01**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone		NA	**39.2**	1.00	**27.3**	1.00	**44.4**	1.00	**31.6**	1.00
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	**1.67**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzyl Chloride		NA	< 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
Bromoform		<1.0	< 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
Carbon Disulfide		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	5	<3.1	**0.76**	0.20	< 0.20	0.20	**0.57**	0.20	**0.41**	0.20
Chlorobenzene		<2.0	< 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
Chloroform		<2.4	< 1.00	1.00	< 1.00	1.00	**1.65**	1.00	< 1.00	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,2-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 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
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**1.49**	1.00	**2.79**	1.00	**5.34**	1.00	**1.71**	1.00
Ethanol			**230**	1.00	**198**	1.00	**286**	1.00	**243**	1.00
Ethyl Acetate		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**9.98**	1.00
Ethylbenzene		<4.3	**6.6**	1.00	**3.06**	1.00	**2.79**	1.00	**3.56**	1.00
Heptane		NA	**8.19**	1.00	**3.55**	1.00	**1.24**	1.00	< 1.00	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	**10.4**	1.00	**18.4**	1.00	< 1.00	1.00	**1.8**	1.00
Isopropylalcohol		NA	**6.29**	1.00	**4.42**	1.00	**5.55**	1.00	**19.4**	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**2.82**	1.00
Xylene (m&p)		<4.3	**16**	1.00	**10.5**	1.00	**10.2**	1.00	**11.6**	1.00
Methyl Ethyl Ketone			**20.6**	1.00	**17**	1.00	**23.9**	1.00	**16.3**	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (o)		<4.3	**5.9**	1.00	**3.78**	1.00	**3.93**	1.00	**6.86**	1.00
Propylene		NA	**5.97**	1.00	**6.76**	1.00	**2.6**	1.00	**1.43**	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Tetrachloroethene	30		**1.98**	0.25	**1.84**	0.25	**2.46**	0.25	**6.53**	0.25
Tetrahydrofuran		NA	< 1.00	1.00	**11.9**	1.00	**2.98**	1.00	**2.3**	1.00
Toluene		1.0 - 6.1	**8.74**	1.00	**6.44**	1.00	**6.67**	1.00	**5.39**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	2	<1.7	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
Trichlorofluoromethane		NA	**2.04**	1.00	**61.8**	1.00	**30.3**	1.00	**2.12**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX			**38.91**		**23.78**		**23.59**		**27.41**	
Total VOCs			**399.47**		**385.86**		**438.6**		**408.36**	

Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

Table 15
118 Hope Street,
Brooklyn, New York
Remaining Soil Sample Exceedences
Parameters Detected Above Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	428-B1 (10-12') 7/3/2020	428-B2 (0-2') 7/3/2020	428-B2 (10-12') 7/3/2020	428-B3 (0-2') 7/3/2020	428-B3 (10-12') 7/3/2020	428-B4 (0-2') 7/3/2020	428-B4 (10-12') 7/3/2020
Sample Results in µg/kg									
1,2,4-Trimethylbenzene	18,000	1	**18,000**	-	-	-	-	-	-
Acetone	68 - 77	2	-	-	**68**	-	-	-	**77**
Benzene	130	1	**130**	-	-	-	-	-	-
Ethylbenzene	3,200	1	**3,200**	-	-	-	-	-	-
m&p-Xylenes	11,000	1	**11,000**	-	-	-	-	-	-
o-Xylene	5,000	*1*	**5,000**	-	-	-	-	-	-
Toluene	810	1	**810**	-	-	-	-	-	-
Sample Results in µg/kg									
2-Methylphenol (o-cresol)	340	1	-	-	-	-	-	**340**	-
Benz(a)anthracene	4,800 - 22,000	2	**4,800**	-	-	-	-	**22,000**	-
Benzo(a)pyrene	4,100 - 19,000	2	**4,100**	-	-	-	-	**19,000**	-
Benzo(b)fluoranthene	3,600 - 15,000	2	**3,600**	-	-	-	-	**15,000**	-
Benzo(k)fluoranthene	3,100 - 14,000	2	**3,100**	-	-	-	-	**14,000**	-
Chrysene	4,200 - 21,000	2	**4,200**	-	-	-	-	**21,000**	-
Dibenz(a,h)anthracene	560 - 2,600	*2*	**560**	-	-	-	-	**2,600**	-
Indeno(1,2,3-cd)pyrene	2,400 - 6,700	2	**2,400**	-	-	-	-	**6,700**	-
Sample Results in µg/kg									
4,4' -DDD	24	1	**24**	-	-	-	-	-	-
4,4' -DDE	4.5 - 8.3	*2*	**8.3**	**4.5**	-	-	-	-	-
4,4' -DDT	28	1	**28**	-	-	-	-	-	-
a-Chlordane	130	1	**130**	-	-	-	-	-	-
Aldrin	27	1	**27**	-	-	-	-	-	-
Sample Results in µg/kg									
PCB-1254	630	1	**630**	-	-	-	-	-	-
Sample Results in µg/kg									
Barium	465	1	-	-	-	-	-	**465**	-
Cadmium	4	1	-	-	-	-	-	**3.79**	-
Chromium	32.6 - 49.4	4	-	-	-	**34.1**	**32.6**	**35**	**49.4**
Copper	62.4 - 274	2	**62.4**	-	-	-	-	**274**	-
Lead	118 - 616	4	**195**	-	**118**	-	-	**616**	**130**
Mercury	0.19 - 0.46	4	**0.33**	-	-	**0.19**	-	**0.46**	**0.28**
Nickel	38	1	-	-	-	-	-	-	**38.1**
Zinc	113 - 1,440	3	**212**	-	-	-	-	**1,440**	**113**

Notes:

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

- - Not Analyzed

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

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 NYSDEC RCSCO Guidance Value

Table 16
118 Hope Street,
Brooklyn, New York
Parameters Detected Above Groundwater Standards

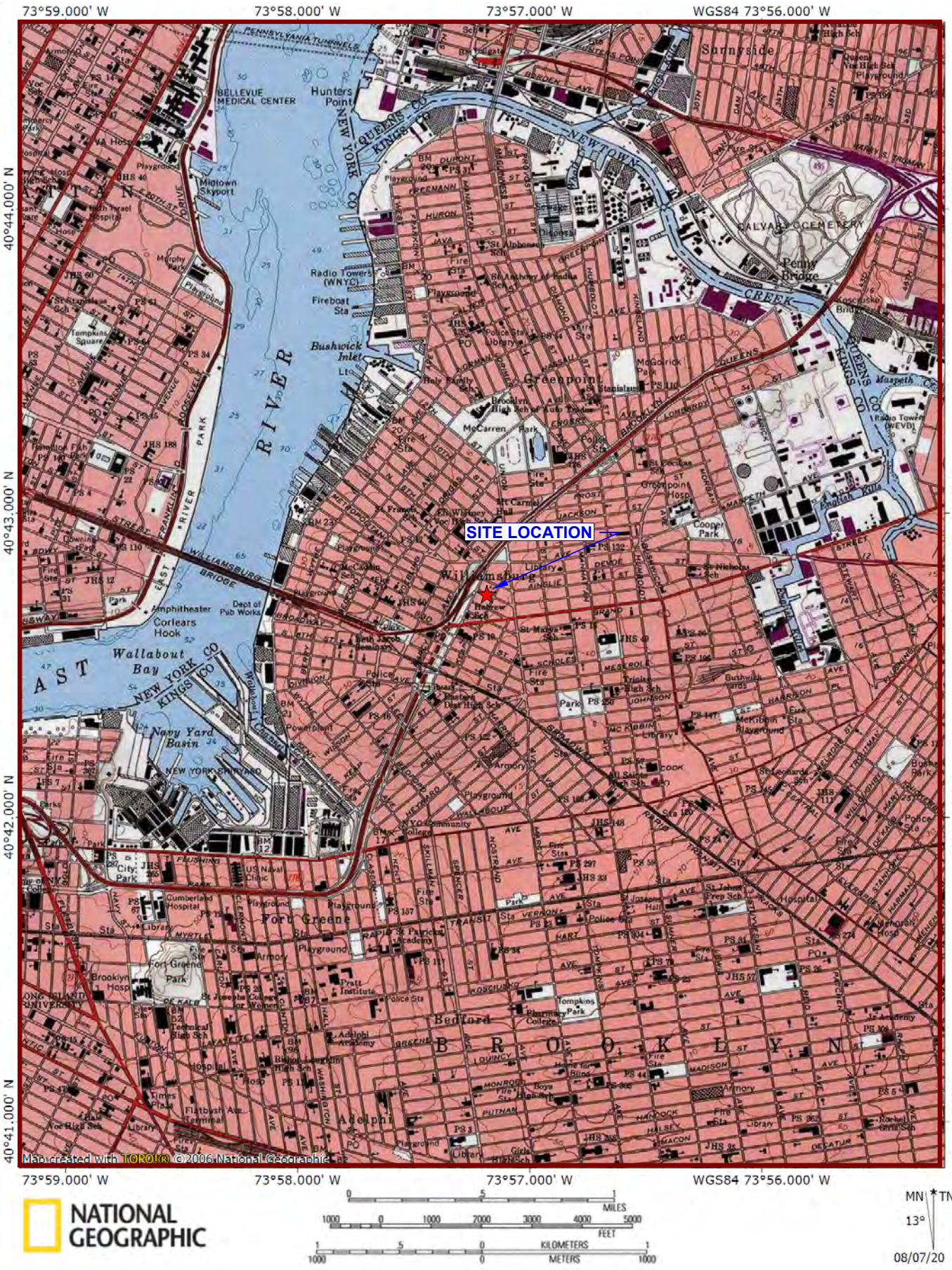
COMPOUND	Range in Exceedances	Frequency of Detection	428 MW1	428 MW2	428 MW3
			7/6/2020	7/6/2020	7/6/2020
Sample Results in µg/L					
1,2,4-Trimethylbenzene	52	1	**52**	-	-
1,3,5-Trimethylbenzene	11	1	**11**	-	-
Benzene	12	1	**12**	-	-
Ethylbenzene	27	1	**27**	-	-
Naphthalene	9.6	1	**9.6**	-	-
n-Propylbenzene	7.8	1	**7.8**	-	-
o-Xylene	56	1	**56**	-	-
Toluene	82	1	**82**	-	-
Sample Results in µg/L					
2-Methylphenol (o-cresol)	1.3	1	**1.3**	-	-
Sample Results in µg/L					
PCB-1016	0.66	1	-	-	**0.66**
Sample Results in mg/L					
Aluminum	1.04 - 79.9	3	**79.9**	**10.7**	**1.04**
Antimony	0.0033	1	-	-	**0.0033**
Beryllium	0.004	1	**0.004**	-	-
Chromium	0.15	1	**0.15**	-	-
Iron	1.55 - 135	3	**135**	**35.6**	**1.55**
Lead	0.06	1	**0.06**	-	-
Manganese	1.63	2	**1.63**	**2.26**	-
Sodium	57.7 - 165	3	**165**	**45.8**	**57.7**
Thallium	0.0009	1	**0.0009**	-	-
Sample Results in mg/L					
Manganese (Dissolved)	0.583 - 1.84	2	**0.583**	**1.84**	-
Sodium (Dissolved)	44.6 - 156	3	**156**	**44.6**	**57.2**

Notes:

- - Not Analyzed

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

FIGURES



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Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 1

Site Name: HOPE STREET PROJECT

Site Address: 118-120,130, 138 HOPE ST & 429 KEAP ST, BROOKLYN, NY

Drawing Title: SITE LOCATION MAP

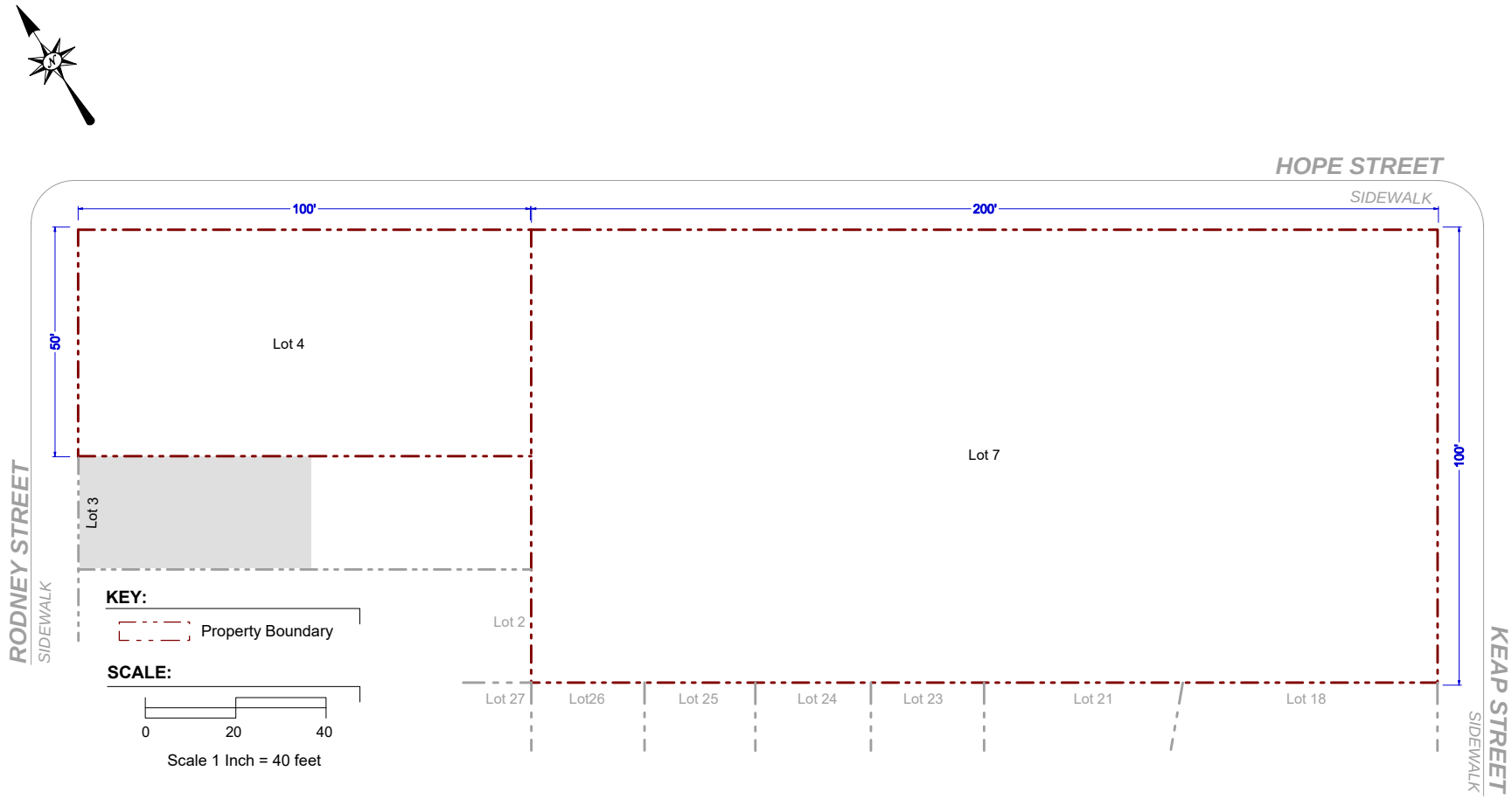

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Figure No. 2

Site Name: HOPE STREET PROJECT
Site Address: 118-120,130, 138 HOPE ST & 429 KEAP ST, BROOKYLN, NY
Drawing Title: SITE PLAN

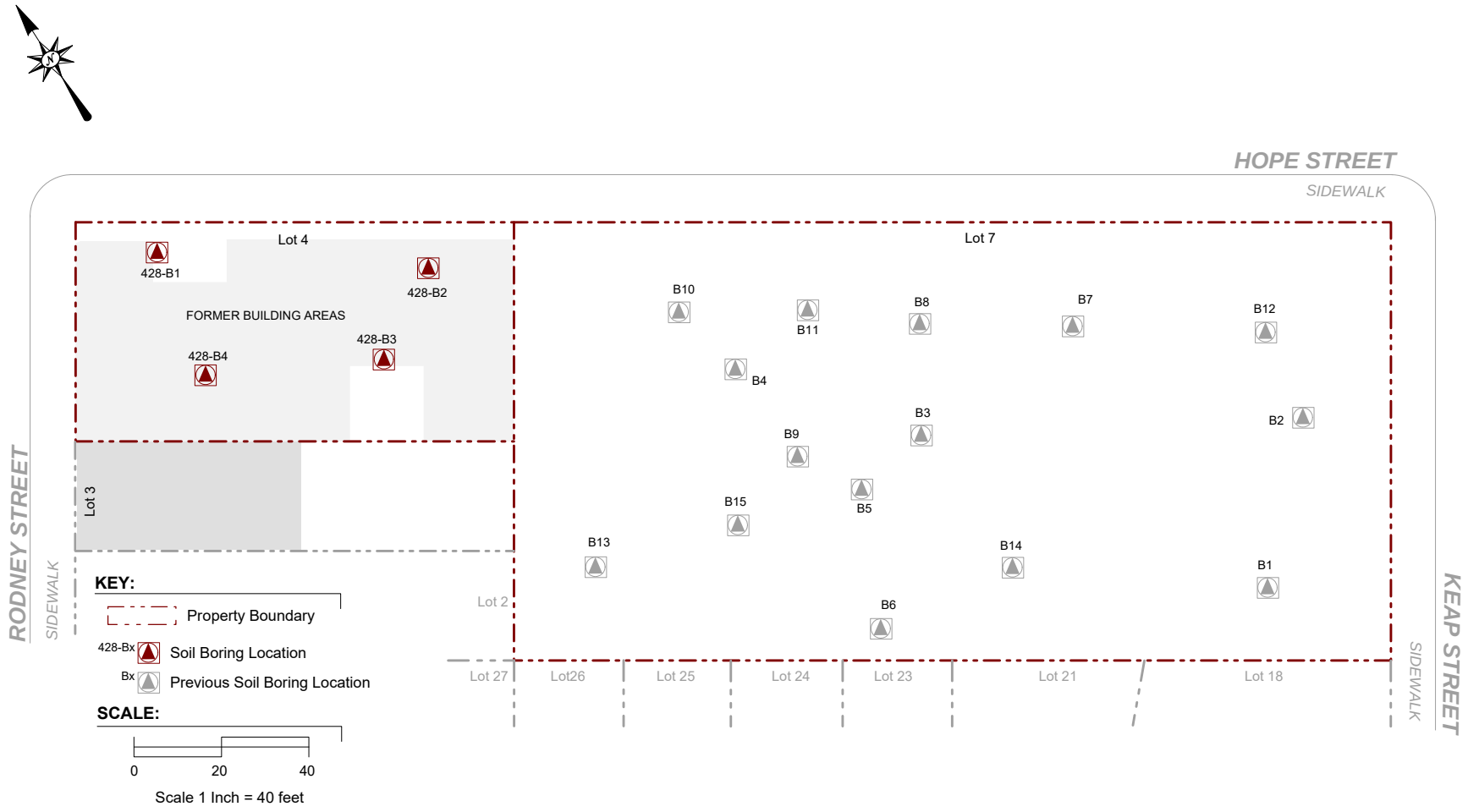

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Figure No. 3

Site Name: HOPE STREET PROJECT
Site Address: 118-120,130, 138 HOPE ST & 429 KEAP ST, BROOKLYN, NY
Drawing Title: SOIL BORING LOCATION MAP

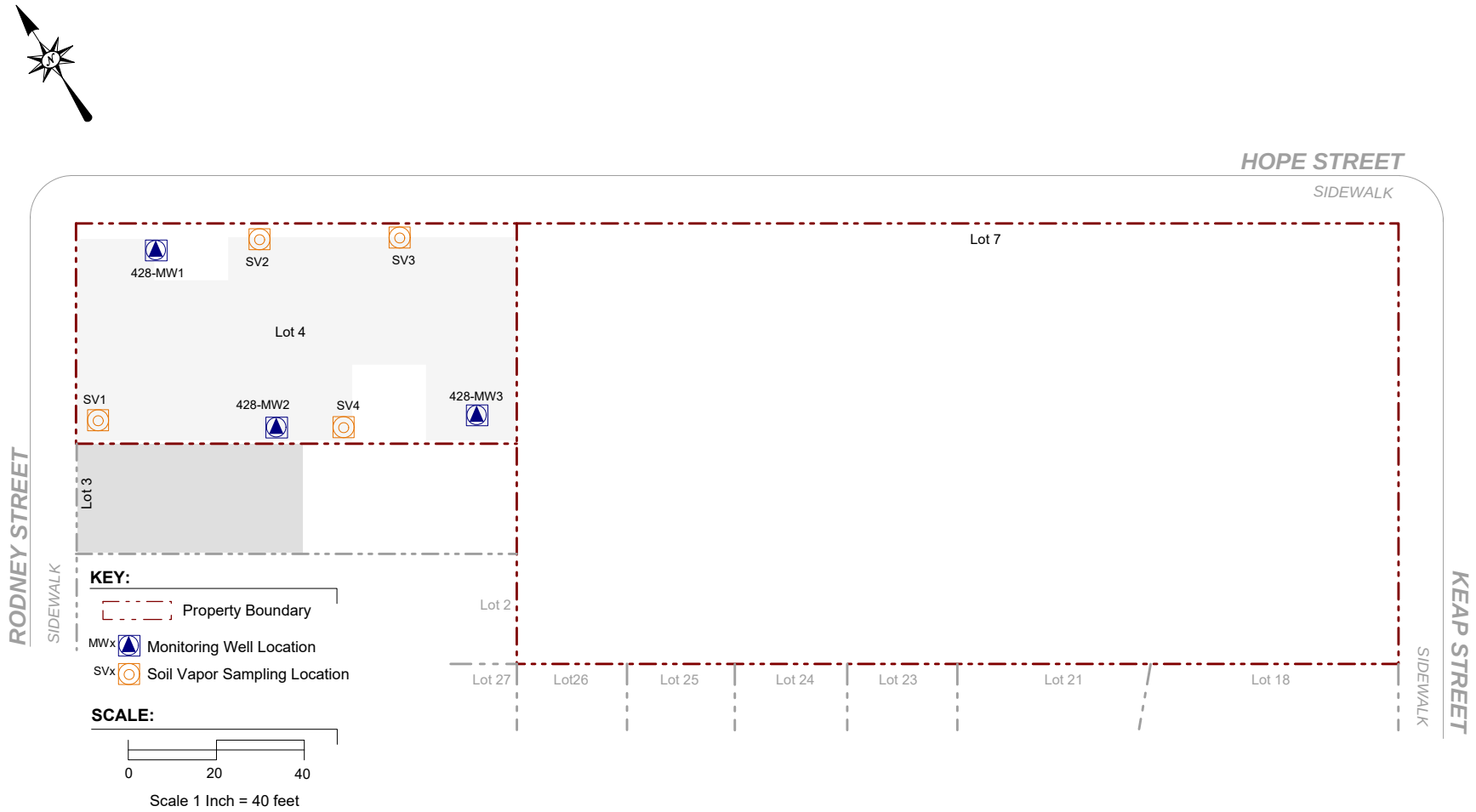

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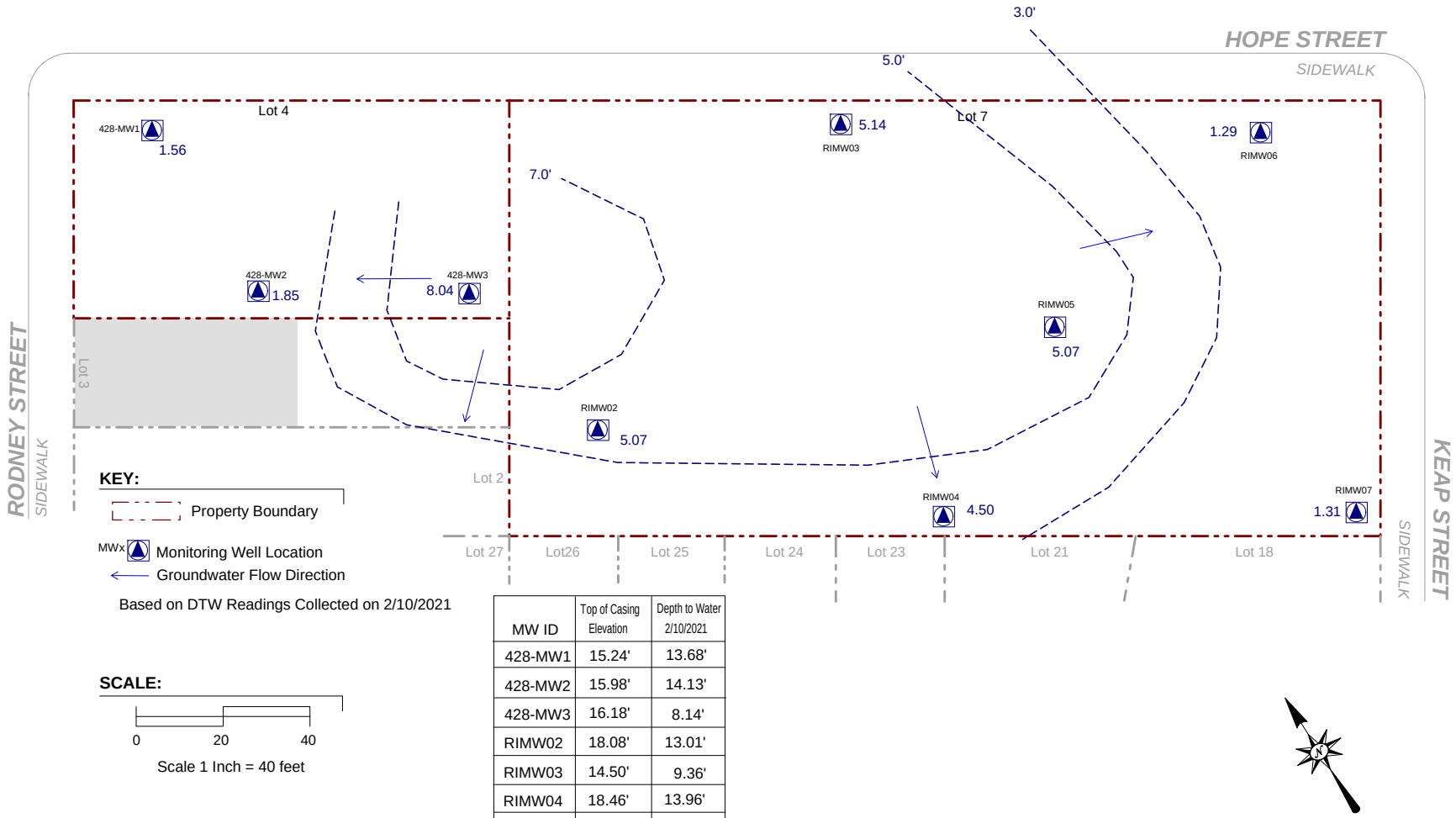
Figure No. 4

Site Name: HOPE STREET PROJECT
Site Address: 118-120,130, 138 HOPE ST & 429 KEAP ST, BROOKLYN, NY
Drawing Title: SOIL GAS AND GW SAMPLING LOCATIONS



MW ID	Top of Casing Elevation	Depth to Water 2/10/2021
428-MW1	15.24'	13.68'
428-MW2	15.98'	14.13'
428-MW3	16.18'	8.14'
RIMW02	18.08'	13.01'
RIMW03	14.50'	9.36'
RIMW04	18.46'	13.96'
RIMW05	17.91'	12.84'
RIMW06	13.21'	11.92'
RIMW07	16.27'	14.96'

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Figure No. 5

Site Name: HOPE STREET PROJECT
Site Address: 118-120,130, 138 HOPE ST & 429 KEAP ST, BROOKLYN, NY
Drawing Title: GROUNDWATER CONTOUR MAP (2/10/2021)

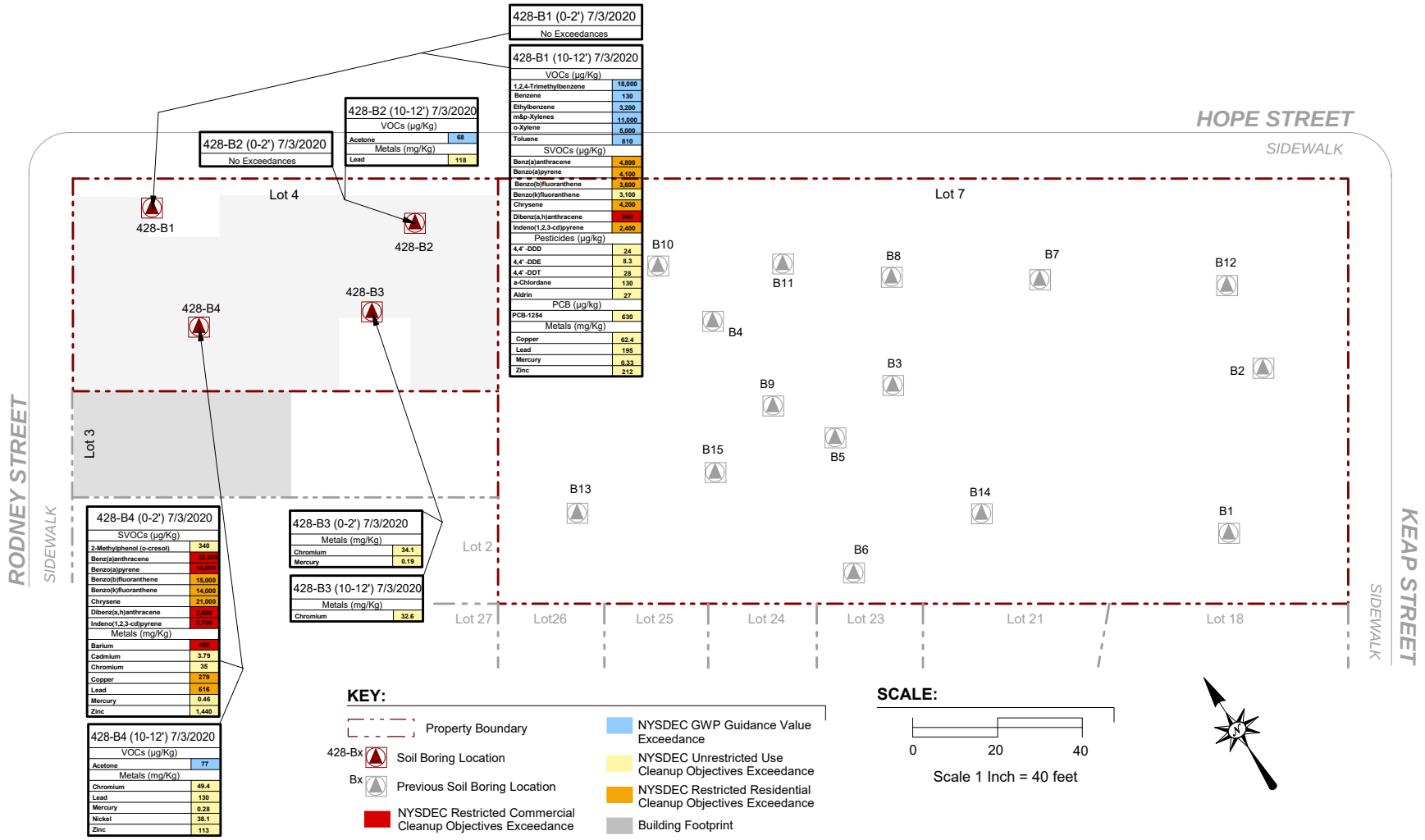

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Figure No. 6

Site Name: HOPE STREET PROJECT
Site Address: 118-120,130, 138 HOPE ST & 429 KEAP ST, BROOKLYN, NY
Drawing Title: POSTED SOIL RESULTS ABOVE SCOS

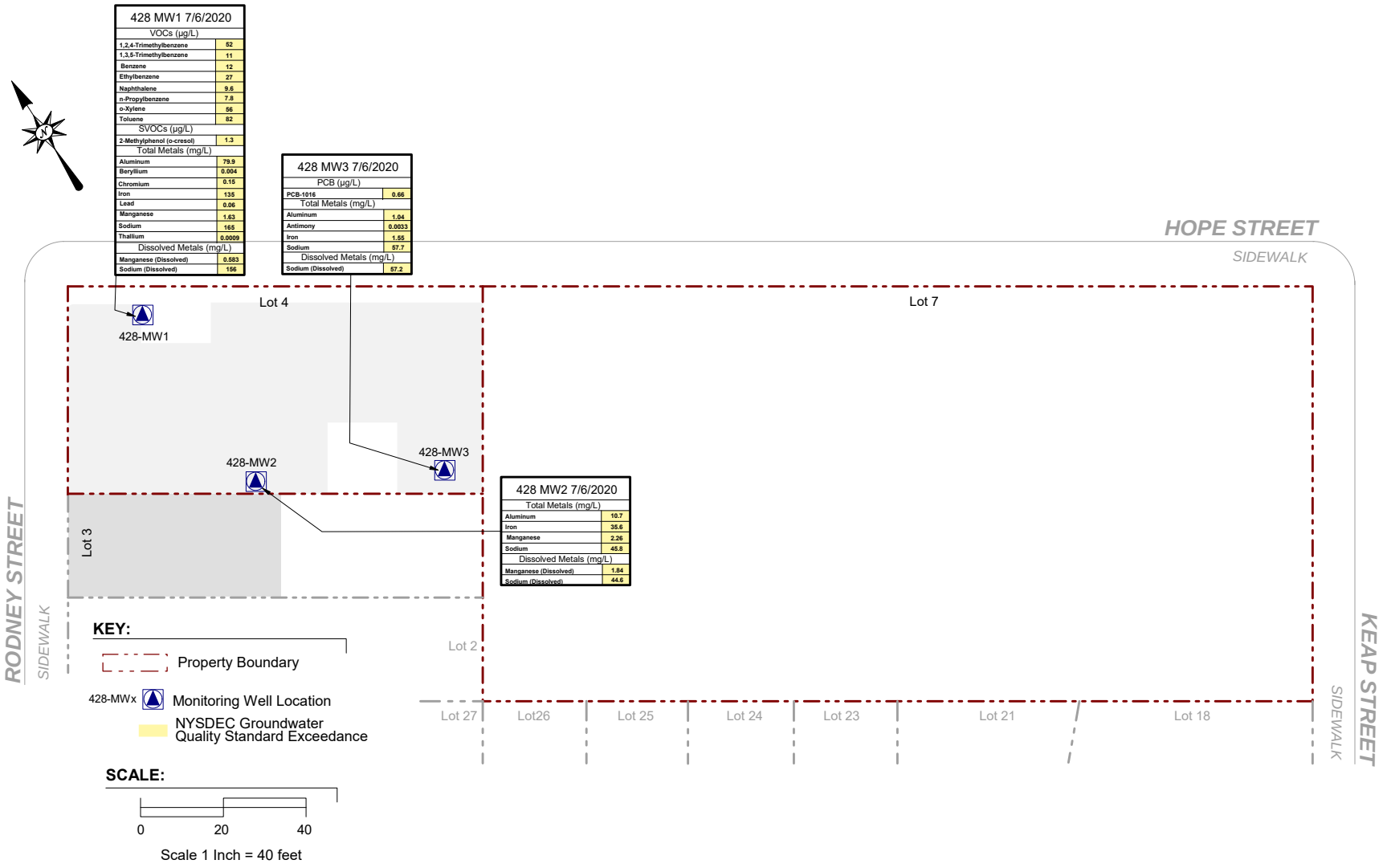

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Figure No. 7

Site Name: Hope Street Project

Site Address: 118-120,130, 138 Hope St & 429 Keap St, Brooklyn, NY

Drawing Title: Groundwater Exceedance Map

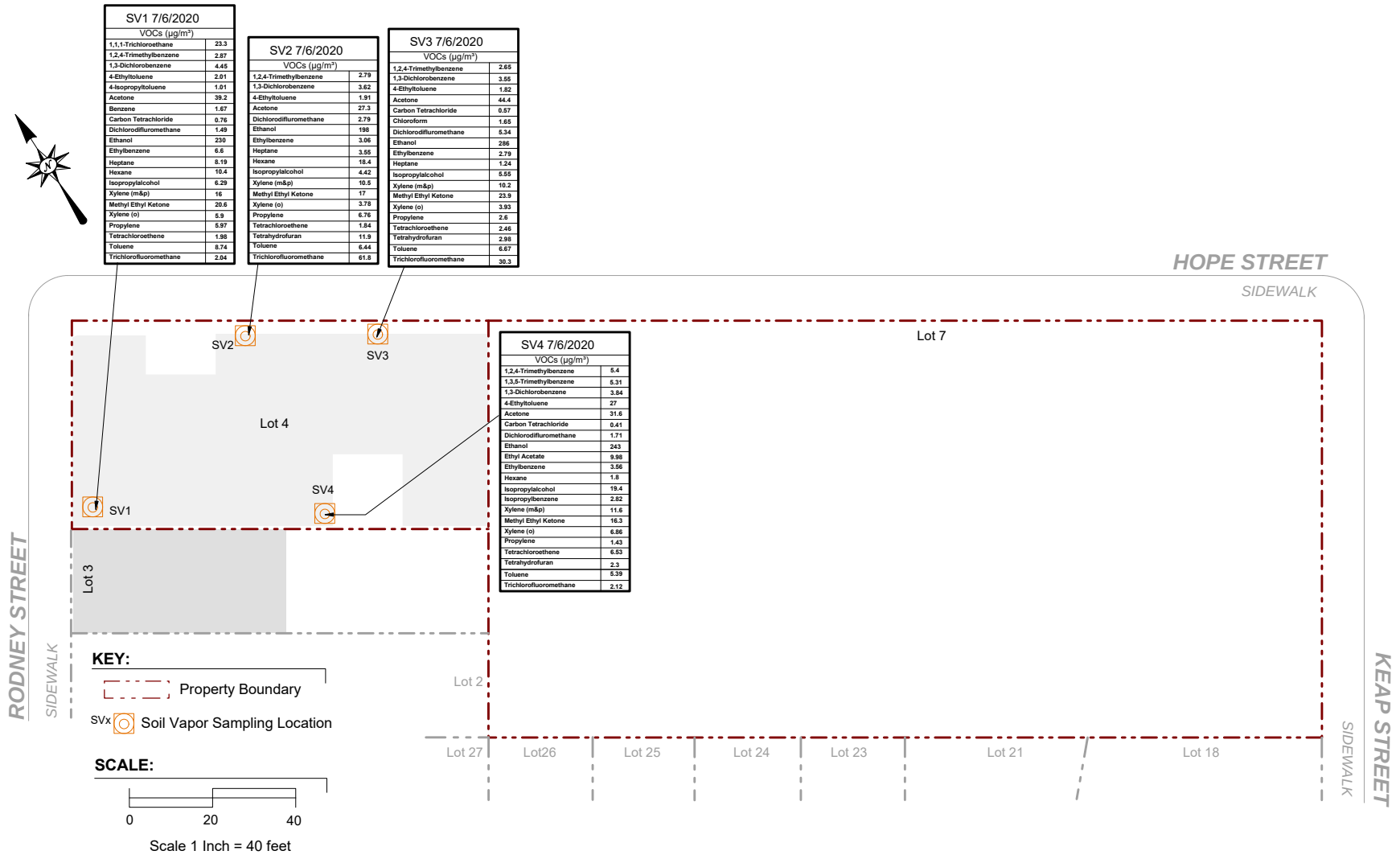

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Figure No. 8

Site Name: HOPE STREET PROJECT

Site Address: 118-120,130, 138 HOPE ST & 429 KEAP ST, BROOKLYN, NY

Drawing Title: SOIL GAS DETECTION MAP

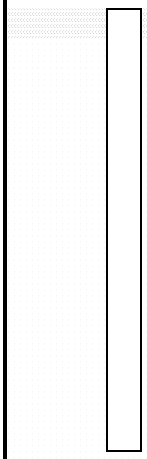
APPENDIX – A
Soil Boring Logs

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

428-B1

Location: 18 ft from the property boundary along Rodney street and 7 ft from the property boundary along Hope street			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Redevelopment Project	Address: 428 Rodney Street, Brooklyn		Date / DTW	Ground Elevation
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 6610DT		Groundwater depth	Well Specifications
Date Started: 7/3/2020	Date Completed: 7/3/2020			
Completion Depth: 15 Feet	Geologist			

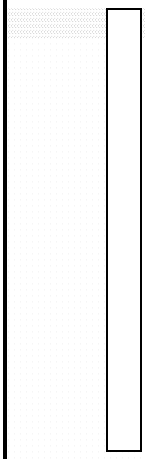
428-B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	45		0.0	30" - Dry red-brown silt 15" - Dry gray-black silt **Retained soil sample 428-B1(0-2)*
	5 to 10	20		0.0	10" - Crushed white stone or concrete 10" - Wet brown silt
	10 to 15	55		0.0 0.0 192.0 0.3 0.0 0.0	10" - Wet brown silt 8" - Wet gray silt with brick fragments 1" - Stained black silt with strong odor 20" - Saturated black clay 10" - Saturated gray clay 6" - Saturated brown silty clay **Retained soil sample 428-B1(10-12)*

Geologic Boring Log Details

EBC ENVIRONMENTAL BUSINESS CONSULTANTS

428-B2

Location: 20 ft from Lot 7 and 10 ft from the property boundarty along Hope street			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Redevelopment Project	Address: 428 Rodney Street, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 6610DT			Well Specifications
Date Started: 7/3/2020	Date Completed: 7/3/2020			
Completion Depth: 15 Feet	Geologist			

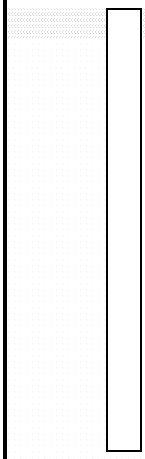
428-B2 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	30		0.0	15" - Moist red-brown silt 1" - Wood particles 14" - moist brown silt **Retained soil sample 428-B2(0-2) & Soil Duplicate*
	5 to 10	10		0.0	10" - Wet brown silt and gravel 5" - Crushed white stone
	10 to 15	53		0.0	25" - Wet brown silt 12" - Wet gray silty clay 10" - Wet black meadow mat 3" - Wet gray clay-ey silt **Retained soil sample 428-B2(10-12)*

Geologic Boring Log Details

EBC ENVIRONMENTAL BUSINESS CONSULTANTS

428-B3

Location: 30 ft from Lot 7 and 18 ft from Lot 3			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Redevelopment Project	Address: 428 Rodney Street, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 6610DT			Well Specifications
Date Started: 7/3/2020	Date Completed: 7/3/2020			
Completion Depth: 15 Feet	Geologist			

428-B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	26		0.0	4" - Wood and top soil 22" - Dry brown silt **Retained soil sample 428-B3(0-2)*
	5 to 10	27		0.0	26" Moist brown silt 1" - Moist dark gray clay
	10 to 15	33		0.0	29" - Wet dark gray silty clay 4" - Wet black meadow mat **Retained soil sample 428-B3(10-12)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

428-B4

Location: 15 ft from Lot 3 and 30 ft from the property boundary along Rodney Street			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Redevelopment Project	Address: 428 Rodney Street, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 6610DT			Well Specifications
Date Started: 7/3/2020	Date Completed: 7/3/2020			
Completion Depth: 15 Feet	Geologist			

428-B4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	45		0.0	10" - Concrete 20" - Gray silty fill with brick 15" - Dry brown silt **Retained soil sample 428-B4(0-2)*
	5 to 10	50		0.0	50" - Dry to wet brown silt with gravel
	10 to 15	55		0.0	20" Wet brown silt 12" - Saturated gray clay 8" - Brown silty clay 15" - Saturated gray clay **Retained soil sample 428-B4(10-12)*

APPENDIX - B

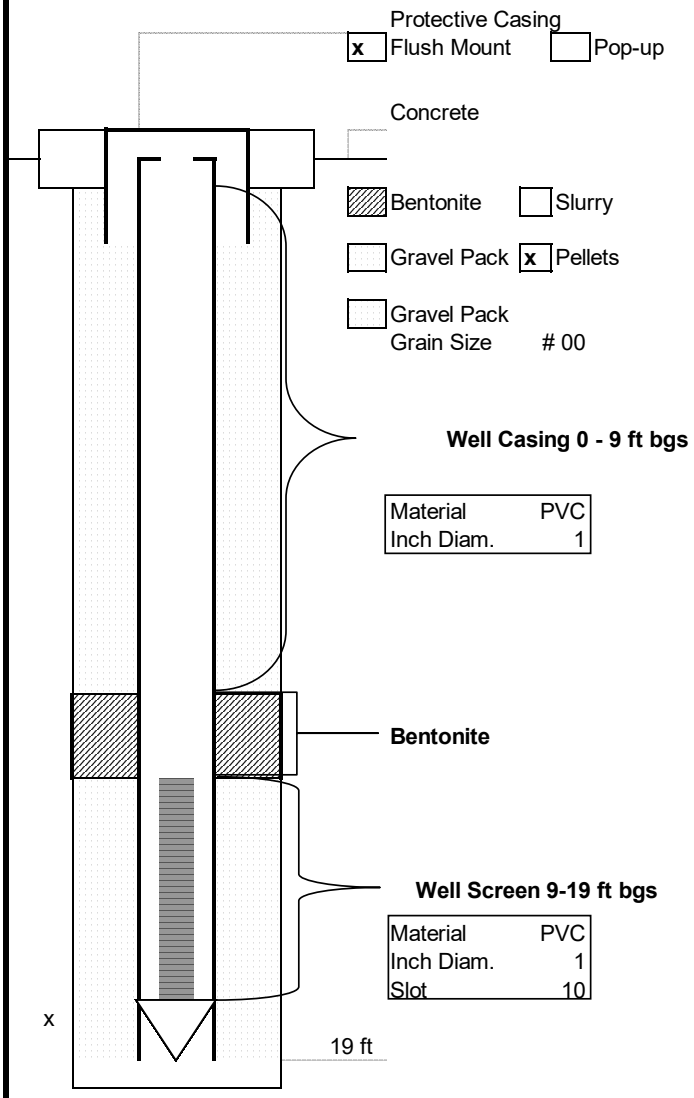
Monitoring Well Completion Reports

GROUNDWATER MONITORING WELL

ENVIRONMENTAL BUSINESS CONSULTANTS

CONSTRUCTION LOG

428-MW1



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

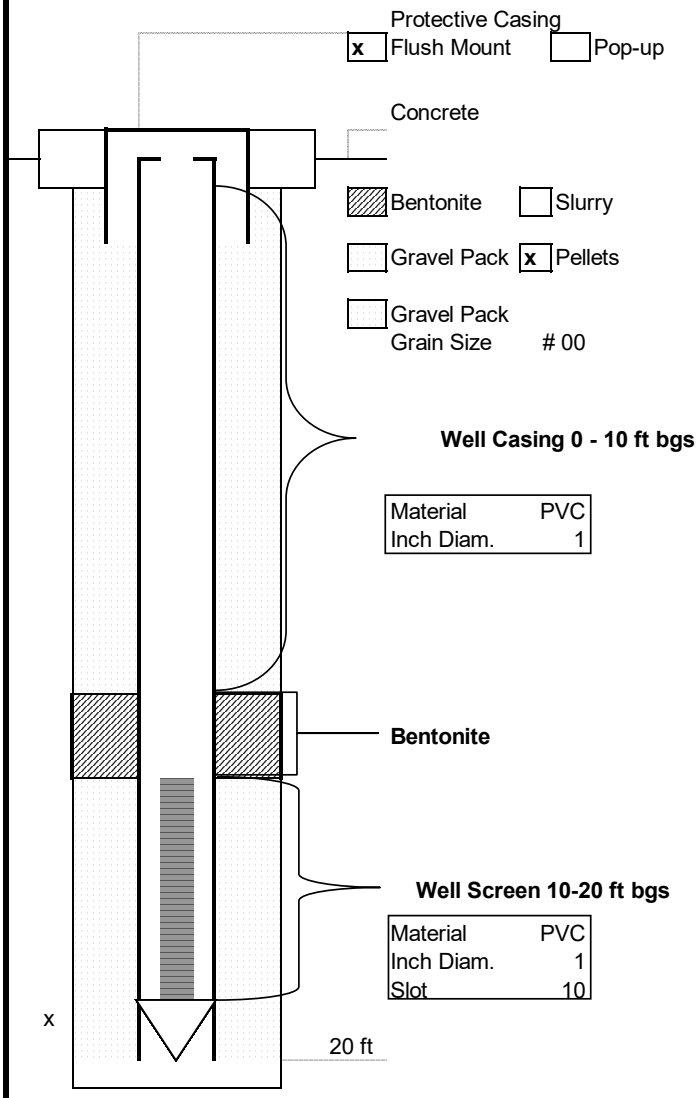
Monitoring Well No.:	428-MW1
Project:	428 Rodney Street, Brooklyn
Depth to Groundwater:	14.24 ft Date: 7/6/2020
Installation Depth:	19 ft
Survey Point Elevation:	5.27
Installation Date:	6/14/2020
Drilling Contractor:	Coastal Environmental Solutions
Installation Method:	Hollow Geoprobe Rods
Water Removed During Development:	
Hydrogeologist:	Tony Balado
Company Name:	EBC

GROUNDWATER MONITORING WELL

ENVIRONMENTAL BUSINESS CONSULTANTS

CONSTRUCTION LOG

428-MW2



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

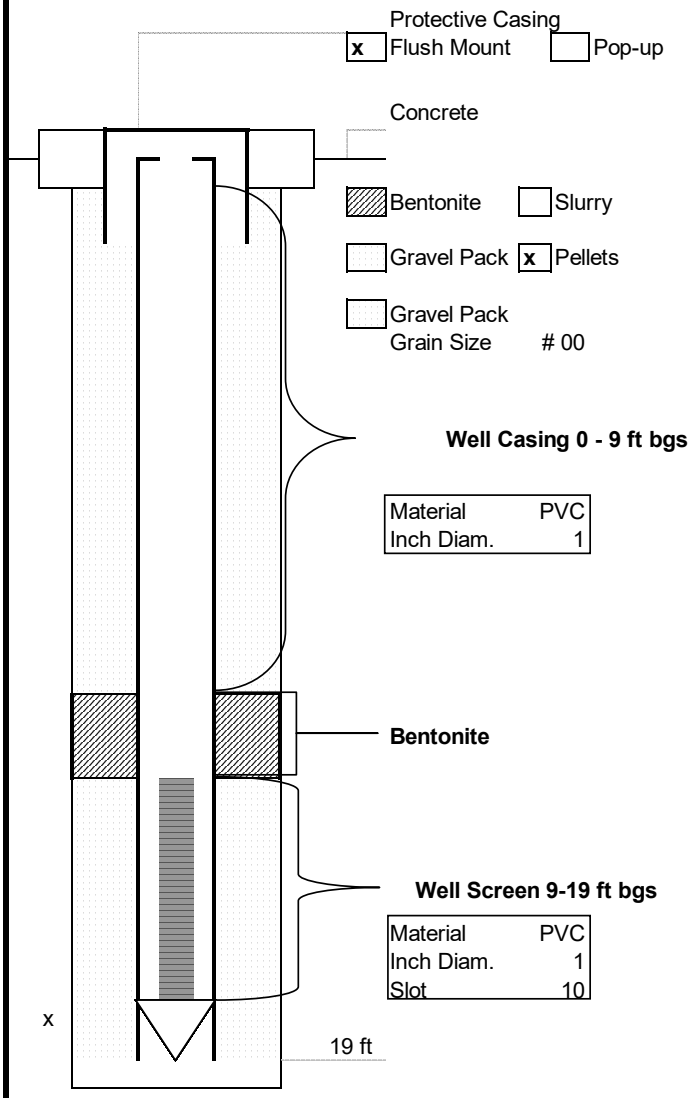
Monitoring Well No.:	428-MW2
Project:	428 Rodney Street, Brooklyn
Depth to Groundwater:	13.11 Date: 7/6/2020
Installation Depth:	20 ft
Survey Point Elevation:	4.53
Installation Date:	6/14/2020
Drilling Contractor:	Coastal Environmental Solutions
Installation Method:	Hollow Geoprobe Rods
Water Removed During Development:	
Hydrogeologist:	Tony Balado
Company Name:	EBC

GROUNDWATER MONITORING WELL

ENVIRONMENTAL BUSINESS CONSULTANTS

CONSTRUCTION LOG

428-MW3



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

Monitoring Well No.:	428-MW3
Project:	428 Rodney Street, Brooklyn
Depth to Groundwater:	8.87 Date: 7/6/2020
Installation Depth:	19 ft
Survey Point Elevation:	4.33
Installation Date:	6/14/2020
Drilling Contractor:	Coastal Environmental Solutions
Installation Method:	Hollow Geoprobe Rods
Water Removed During Development:	
Hydrogeologist:	Tony Balado
Company Name:	EBC

APPENDIX – C

Groundwater Sampling Logs

GROUNDWATER PURGE / SAMPLE LOGS

428 Rodney Street, Brooklyn

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 428-MW1

Date: 7/6/2020

Well Depth (from TOC): 19

Equipment: Horiba, peristaltic pump

Static Water Level (from TOC): 14.24

Height of Water in Well: 4.76

Gallons of Water per Well Volume: 0.26

Flow Rate:

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
10:34:00 AM	380 ml/min	0	4.24	0.600	23.14	3.21	214	1000+		Turbid, gray
10:39:00 AM	380 ml/min	0.5	4.28	0.591	20.11	3.19	210	800		Turbid, gray
10:44:00 AM	380 ml/min	1	4.21	0.591	19.57	2.14	213	641		Turbid, gray
10:49:00 AM	380 ml/min	1.5	4.20	0.590	19.51	2.10	211	324		light turbidity
10:54:00 AM	380 ml/min	2	4.20	0.590	19.51	2.13	211	111		light turbidity
10:59:00 AM	380 ml/min	2.5	4.20	0.590	19.50	2.11	211	77		light turbidity

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

428 Rodney Street, Brooklyn

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 428-MW2

Date: 7/6/2020

Well Depth (from TOC): 19.8

Equipment: Horiba, peristaltic pump

Static Water Level (from TOC): 13.11

Height of Water in Well: 6.69

Gallons of Water per Well Volume: 0.37

Flow Rate:

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
9:00:00 AM	380 ml/min	0	3.87	0.569	26.22	2.21	177	1000+		Turbid, brown
9:05:00 AM	380 ml/min	0.5	3.23	0.665	22.75	1.46	154	800+		Turbid, brown
										The well ran dry at 9:05. The horiba was disconnected and the sample was collected in small increments throughout the day.

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

428 Rodney Street, Brooklyn

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 428-MW3

Date: 7/6/2020

Well Depth (from TOC): 18.25

Equipment: Horiba, peristaltic pump

Static Water Level (from TOC): 8.87

Height of Water in Well: 9.38

Gallons of Water per Well Volume: 0.52

Flow Rate:

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
7:21:00 AM	380 ml/min	0	5.79	0.887	23.79	3.19	255	775		Turbid, gray
7:26:00 AM	380 ml/min	0.5	5.71	0.946	19.97	2.99	255	1000+		Turbid, gray
7:31:00 AM	380 ml/min	1	5.71	0.975	19.57	3.17	269	760		Turbid, gray
7:36:00 AM	380 ml/min	1.5	5.74	1.000	19.19	3.01	284	370		light turbidity
7:41:00 AM	380 ml/min	2	5.76	1.010	19.08	2.94	286	369		Clear
7:46:00 AM	380 ml/min	2.5	5.76	1.010	19.07	2.93	286	111		Clear
7:51:00 AM	380 ml/min	3	5.76	1.020	19.11	2.93	286	35		Clear

Note 400 ml = 0.11 gallons

APPENDIX - D

Soil Vapor Sampling Logs

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☑ Email: file
☐ Phone #:

Report to: Tony Balado
Customer: EBC
Address:

Project Name: 428 Rodney St BK
Invoice to:
Sampled by: TB

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B
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	
	X	21367	6.0	-30		5061	43										
28443	SV3	12856			-5	6648		6:22	8:24	7/6	-30	-5		X		X	
28444	SV1	12857			-5	2969		6:27	8:27	7/6	-29	-3		X		X	
28445	SV4	13652			-5	6161		6:29	8:31	7/6	-30	-2		X		X	
28446	SV2	17161			-5	5712		6:25	8:25	7/6	-30	-5		X		X	

Relinquished by:	Accepted by:	Date:	Time:
		7-7-20	0815
		7-7-20	1542

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:

Signature: _____ Date: _____

State Where Samples Collected: NY

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:
Indoor Air: Residential Ind/Commercial
Soil Gas: Residential Ind/Commercial

NJ:
Indoor Air: Residential Ind/Commercial
Soil Gas: Residential Ind/Commercial

NY:
Vapor Intrusion

PA:
Indoor Air Residential Non-residential

VT:
Indoor Air Residential Industrial
Sub-slab Residential Industrial

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

* 21367 not returned (5) (6.0) (2HD)
Using for another project

PEL-115 Rev. 9/2019

APPENDIX - E

Laboratory Reports - Phoenix

PHOENIX
Environmental Laboratories, Inc.

Friday, July 10, 2020

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **428 RODNEY ST BK**
SDG ID: **GCG28443**
Sample ID#s: **CG28443 - CG28446**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

July 10, 2020

SDG I.D.: GCG28443

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

July 10, 2020

SDG I.D.: GCG28443

Project ID: 428 RODNEY ST BK

Client Id	Lab Id	Matrix
SV3	CG28443	AIR
SV1	CG28444	AIR
SV4	CG28445	AIR
SV2	CG28446	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 10, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TB	07/06/20	8:24
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12856				

Laboratory Data

SDG ID: GCG28443
Phoenix ID: CG28443

Project ID: 428 RODNEY ST BK
Client ID: SV3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2,4-Trimethylbenzene	0.539	*0.204*	0.204	2.65	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3-Dichlorobenzene	0.590	*0.166*	0.166	3.55	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	1
4-Ethyltoluene	0.371	*0.204*	0.204	1.82	*1.00*	1.00	07/09/20	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	
Acetone	18.7	*0.421*	0.421	44.4	*1.00*	1.00	07/09/20	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/09/20	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	07/09/20	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/09/20	KCA	1	

Project ID: 428 RODNEY ST BK
Client ID: SV3

Phoenix I.D.: CG28443

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By		
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Tetrachloride	0.091		*0.032*	0.032	0.57	*0.20*	0.20	07/09/20	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroform	0.338		*0.205*	0.205	1.65	*1.00*	1.00	07/09/20	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/09/20	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	07/09/20	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/09/20	KCA	1	
Dichlorodifluoromethane	1.08		*0.202*	0.202	5.34	*1.00*	1.00	07/09/20	KCA	1	
Ethanol	152	E	*0.531*	0.531	286	*1.00*	1.00	07/09/20	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	1
Ethylbenzene	0.644		*0.230*	0.230	2.79	*1.00*	1.00	07/09/20	KCA	1	
Heptane	0.302		*0.244*	0.244	1.24	*1.00*	1.00	07/09/20	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/09/20	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	07/09/20	KCA	1	
Isopropylalcohol	2.26		*0.407*	0.407	5.55	*1.00*	1.00	07/09/20	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	07/09/20	KCA	1	
m,p-Xylene	2.35		*0.230*	0.230	10.2	*1.00*	1.00	07/09/20	KCA	1	
Methyl Ethyl Ketone	8.11		*0.339*	0.339	23.9	*1.00*	1.00	07/09/20	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
Methylene Chloride	ND		*0.864*	0.864	ND	*3.00*	3.00	07/09/20	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
o-Xylene	0.906		*0.230*	0.230	3.93	*1.00*	1.00	07/09/20	KCA	1	
Propylene	1.51		*0.581*	0.581	2.60	*1.00*	1.00	07/09/20	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	07/09/20	KCA	1	
Tetrachloroethene	0.363		*0.037*	0.037	2.46	*0.25*	0.25	07/09/20	KCA	1	
Tetrahydrofuran	1.01		*0.339*	0.339	2.98	*1.00*	1.00	07/09/20	KCA	1	1
Toluene	1.77		*0.266*	0.266	6.67	*1.00*	1.00	07/09/20	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/09/20	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	07/09/20	KCA	1	
Trichlorofluoromethane	5.39		*0.178*	0.178	30.3	*1.00*	1.00	07/09/20	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/09/20	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	07/09/20	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	105		*%*	%	105	*%*	%	07/09/20	KCA	1	
% IS-1,4-Difluorobenzene	76		*%*	%	76	*%*	%	07/09/20	KCA	1	
% IS-Bromochloromethane	73		*%*	%	73	*%*	%	07/09/20	KCA	1	
% IS-Chlorobenzene-d5	88		*%*	%	88	*%*	%	07/09/20	KCA	1	

Project ID: 428 RODNEY ST BK
Client ID: SV3

Phoenix I.D.: CG28443

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By

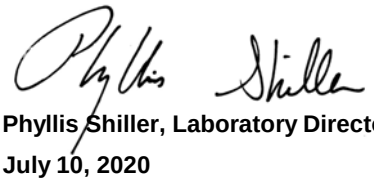
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 10, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 10, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TB	07/06/20	8:27
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12857				

Laboratory Data

SDG ID: GCG28443
Phoenix ID: CG28444

Project ID: 428 RODNEY ST BK
Client ID: SV1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	1
1,1,1-Trichloroethane	4.28	*0.183*	0.183	23.3	*1.00*	1.00	07/09/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2,4-Trimethylbenzene	0.585	*0.204*	0.204	2.87	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3-Dichlorobenzene	0.741	*0.166*	0.166	4.45	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	1
4-Ethyltoluene	0.410	*0.204*	0.204	2.01	*1.00*	1.00	07/09/20	KCA	1	1
4-Isopropyltoluene	0.184	*0.182*	0.182	1.01	*1.00*	1.00	07/09/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	
Acetone	16.5	*0.421*	0.421	39.2	*1.00*	1.00	07/09/20	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/09/20	KCA	1	
Benzene	0.522	*0.313*	0.313	1.67	*1.00*	1.00	07/09/20	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/09/20	KCA	1	

Project ID: 428 RODNEY ST BK
Client ID: SV1

Phoenix I.D.: CG28444

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By		
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Tetrachloride	0.121		*0.032*	0.032	0.76	*0.20*	0.20	07/09/20	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/09/20	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	07/09/20	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/09/20	KCA	1	
Dichlorodifluoromethane	0.302		*0.202*	0.202	1.49	*1.00*	1.00	07/09/20	KCA	1	
Ethanol	122	E	*0.531*	0.531	230	*1.00*	1.00	07/09/20	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	1
Ethylbenzene	1.52		*0.230*	0.230	6.60	*1.00*	1.00	07/09/20	KCA	1	
Heptane	2.00		*0.244*	0.244	8.19	*1.00*	1.00	07/09/20	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/09/20	KCA	1	
Hexane	2.96		*0.284*	0.284	10.4	*1.00*	1.00	07/09/20	KCA	1	
Isopropylalcohol	2.56		*0.407*	0.407	6.29	*1.00*	1.00	07/09/20	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	07/09/20	KCA	1	
m,p-Xylene	3.68		*0.230*	0.230	16.0	*1.00*	1.00	07/09/20	KCA	1	
Methyl Ethyl Ketone	7.00		*0.339*	0.339	20.6	*1.00*	1.00	07/09/20	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
Methylene Chloride	ND		*0.864*	0.864	ND	*3.00*	3.00	07/09/20	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
o-Xylene	1.36		*0.230*	0.230	5.90	*1.00*	1.00	07/09/20	KCA	1	
Propylene	3.47		*0.581*	0.581	5.97	*1.00*	1.00	07/09/20	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	07/09/20	KCA	1	
Tetrachloroethene	0.292		*0.037*	0.037	1.98	*0.25*	0.25	07/09/20	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	07/09/20	KCA	1	1
Toluene	2.32		*0.266*	0.266	8.74	*1.00*	1.00	07/09/20	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/09/20	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	07/09/20	KCA	1	
Trichlorofluoromethane	0.363		*0.178*	0.178	2.04	*1.00*	1.00	07/09/20	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/09/20	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	07/09/20	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	07/09/20	KCA	1	
% IS-1,4-Difluorobenzene	101		*%*	%	101	*%*	%	07/09/20	KCA	1	
% IS-Bromochloromethane	96		*%*	%	96	*%*	%	07/09/20	KCA	1	
% IS-Chlorobenzene-d5	107		*%*	%	107	*%*	%	07/09/20	KCA	1	

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: SV1

Phoenix I.D.: CG28444

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By

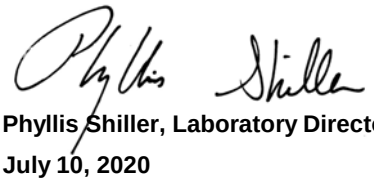
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 10, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 10, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TB	07/06/20	8:31
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13652				

Laboratory Data

SDG ID: GCG28443
Phoenix ID: CG28445

Project ID: 428 RODNEY ST BK
Client ID: SV4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2,4-Trimethylbenzene	1.10	*0.204*	0.204	5.40	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3,5-Trimethylbenzene	1.08	*0.204*	0.204	5.31	*1.00*	1.00	07/09/20	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3-Dichlorobenzene	0.639	*0.166*	0.166	3.84	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	1
4-Ethyltoluene	5.49	*0.204*	0.204	27.0	*1.00*	1.00	07/09/20	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	
Acetone	13.3	*0.421*	0.421	31.6	*1.00*	1.00	07/09/20	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/09/20	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	07/09/20	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/09/20	KCA	1	

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: SV4

Phoenix I.D.: CG28445

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By		
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Tetrachloride	0.065		*0.032*	0.032	0.41	*0.20*	0.20	07/09/20	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/09/20	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	07/09/20	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/09/20	KCA	1	
Dichlorodifluoromethane	0.347		*0.202*	0.202	1.71	*1.00*	1.00	07/09/20	KCA	1	
Ethanol	129	E	*0.531*	0.531	243	*1.00*	1.00	07/09/20	KCA	1	1
Ethyl acetate	2.77		*0.278*	0.278	10.0	*1.00*	1.00	07/09/20	KCA	1	1
Ethylbenzene	0.820		*0.230*	0.230	3.56	*1.00*	1.00	07/09/20	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/09/20	KCA	1	
Hexane	0.510		*0.284*	0.284	1.80	*1.00*	1.00	07/09/20	KCA	1	
Isopropylalcohol	7.89		*0.407*	0.407	19.4	*1.00*	1.00	07/09/20	KCA	1	
Isopropylbenzene	0.573		*0.204*	0.204	2.82	*1.00*	1.00	07/09/20	KCA	1	
m,p-Xylene	2.68		*0.230*	0.230	11.6	*1.00*	1.00	07/09/20	KCA	1	
Methyl Ethyl Ketone	5.52		*0.339*	0.339	16.3	*1.00*	1.00	07/09/20	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
Methylene Chloride	ND		*0.864*	0.864	ND	*3.00*	3.00	07/09/20	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
o-Xylene	1.58		*0.230*	0.230	6.86	*1.00*	1.00	07/09/20	KCA	1	
Propylene	0.834		*0.581*	0.581	1.43	*1.00*	1.00	07/09/20	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	07/09/20	KCA	1	
Tetrachloroethene	0.964		*0.037*	0.037	6.53	*0.25*	0.25	07/09/20	KCA	1	
Tetrahydrofuran	0.782		*0.339*	0.339	2.30	*1.00*	1.00	07/09/20	KCA	1	1
Toluene	1.43		*0.266*	0.266	5.39	*1.00*	1.00	07/09/20	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/09/20	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	07/09/20	KCA	1	
Trichlorofluoromethane	0.377		*0.178*	0.178	2.12	*1.00*	1.00	07/09/20	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/09/20	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	07/09/20	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	07/09/20	KCA	1	
% IS-1,4-Difluorobenzene	111		*%*	%	111	*%*	%	07/09/20	KCA	1	
% IS-Bromochloromethane	107		*%*	%	107	*%*	%	07/09/20	KCA	1	
% IS-Chlorobenzene-d5	118		*%*	%	118	*%*	%	07/09/20	KCA	1	

Project ID: 428 RODNEY ST BK
Client ID: SV4

Phoenix I.D.: CG28445

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

July 10, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 10, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TB	07/06/20	8:25
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	17161				

Laboratory Data

SDG ID: GCG28443
Phoenix ID: CG28446

Project ID: 428 RODNEY ST BK
Client ID: SV2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2,4-Trimethylbenzene	0.567	*0.204*	0.204	2.79	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/09/20	KCA	1	
1,3-Dichlorobenzene	0.602	*0.166*	0.166	3.62	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/09/20	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	1
4-Ethyltoluene	0.389	*0.204*	0.204	1.91	*1.00*	1.00	07/09/20	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/09/20	KCA	1	
Acetone	11.5	*0.421*	0.421	27.3	*1.00*	1.00	07/09/20	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/09/20	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	07/09/20	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/09/20	KCA	1	

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: SV2

Phoenix I.D.: CG28446

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By		
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/09/20	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/09/20	KCA	1	
Carbon Tetrachloride	ND		*0.032*	0.032	ND	*0.20*	0.20	07/09/20	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	07/09/20	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/09/20	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	07/09/20	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	07/09/20	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/09/20	KCA	1	
Dichlorodifluoromethane	0.565		*0.202*	0.202	2.79	*1.00*	1.00	07/09/20	KCA	1	
Ethanol	105	E	*0.531*	0.531	198	*1.00*	1.00	07/09/20	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	1
Ethylbenzene	0.704		*0.230*	0.230	3.06	*1.00*	1.00	07/09/20	KCA	1	
Heptane	0.867		*0.244*	0.244	3.55	*1.00*	1.00	07/09/20	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/09/20	KCA	1	
Hexane	5.23		*0.284*	0.284	18.4	*1.00*	1.00	07/09/20	KCA	1	
Isopropylalcohol	1.80		*0.407*	0.407	4.42	*1.00*	1.00	07/09/20	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	07/09/20	KCA	1	
m,p-Xylene	2.43		*0.230*	0.230	10.5	*1.00*	1.00	07/09/20	KCA	1	
Methyl Ethyl Ketone	5.78		*0.339*	0.339	17.0	*1.00*	1.00	07/09/20	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/09/20	KCA	1	
Methylene Chloride	ND		*0.864*	0.864	ND	*3.00*	3.00	07/09/20	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
o-Xylene	0.872		*0.230*	0.230	3.78	*1.00*	1.00	07/09/20	KCA	1	
Propylene	3.93		*0.581*	0.581	6.76	*1.00*	1.00	07/09/20	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/09/20	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	07/09/20	KCA	1	
Tetrachloroethene	0.272		*0.037*	0.037	1.84	*0.25*	0.25	07/09/20	KCA	1	
Tetrahydrofuran	4.03		*0.339*	0.339	11.9	*1.00*	1.00	07/09/20	KCA	1	1
Toluene	1.71		*0.266*	0.266	6.44	*1.00*	1.00	07/09/20	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/09/20	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/09/20	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	07/09/20	KCA	1	
Trichlorofluoromethane	11.0		*0.178*	0.178	61.8	*1.00*	1.00	07/09/20	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/09/20	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	07/09/20	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	07/09/20	KCA	1	
% IS-1,4-Difluorobenzene	114		*%*	%	114	*%*	%	07/09/20	KCA	1	
% IS-Bromochloromethane	110		*%*	%	110	*%*	%	07/09/20	KCA	1	
% IS-Chlorobenzene-d5	115		*%*	%	115	*%*	%	07/09/20	KCA	1	

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: SV2

Phoenix I.D.: CG28446

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By

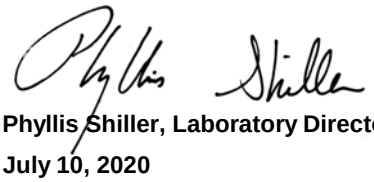
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 10, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

July 10, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Location Code: EBC

SDG I.D.: GCG28443

Project ID: 428 RODNEY ST BK

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV3	CG28443	12856	6.0L	5648	07/02/20	-30	-5	43	43	0.0	-30	-5	07/06/20 06:22	07/06/20 08:24
SV1	CG28444	12857	6.0L	2969	07/02/20	-30	-5	43	44	2.3	-29	-3	07/06/20 06:27	07/06/20 08:27
SV4	CG28445	13652	6.0L	0161	07/02/20	-30	-5	43	44	2.3	-30	-2	07/06/20 06:29	07/06/20 08:31
SV2	CG28446	17161	6.0L	5712	07/02/20	-30	-5	43	44	2.3	-30	-5	07/06/20 06:25	07/06/20 08:25

Friday, July 10, 2020

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCG28443 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☑ Email: file
☐ Phone #:

Report to: Tony Balado
Customer: EBC
Address:

Project Name: 428 Rodney St BK
Invoice to:
Sampled by: TB

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B
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	
	X	21367	6.0	-30		5061	43										
28443	SV3	12856			-5	6648		6:22	8:24	7/6	-30	-5		X		X	
28444	SV1	12857			-5	2969		6:27	8:27	7/6	-29	-3		X		X	
28445	SV4	13652			-5	6161		6:29	8:31	7/6	-30	-2		X		X	
28446	SV2	17161			-5	5712		6:25	8:25	7/6	-30	-5		X		X	

Relinquished by:	Accepted by:	Date:	Time:
		7-7-20	0815
		7-7-20	1542

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:

Signature: _____ Date: _____

State Where Samples Collected: NY

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:
Indoor Air: Residential Ind/Commercial
Soil Gas: Residential Ind/Commercial

NJ:
Indoor Air: Residential Ind/Commercial
Soil Gas: Residential Ind/Commercial

NY:
Vapor Intrusion

PA:
Indoor Air Residential Non-residential

VT:
Indoor Air Residential Industrial
Sub-slab Residential Industrial

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

* 21367 not returned (5) (6.0) (2HD)
Using for another project

PEL-115 Rev. 9/2019

PHOENIX
Environmental Laboratories, Inc.

Monday, July 13, 2020

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **428 RODNEY ST BK**
SDG ID: **GCG27600**
Sample ID#s: CG27600 - CG27612

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

July 13, 2020

SDG I.D.: GCG27600

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

July 13, 2020

SDG I.D.: GCG27600

Project ID: 428 RODNEY ST BK

Client Id	Lab Id	Matrix
428-B1 (0-2)	CG27600	SOIL
428-B1 (10-12)	CG27601	SOIL
428-B2 (0-2)	CG27602	SOIL
428-B2 (10-12)	CG27603	SOIL
428-B3 (0-2)	CG27604	SOIL
428-B3 (10-12)	CG27605	SOIL
428-B4 (0-2)	CG27606	SOIL
428-B4 (10-12)	CG27607	SOIL
428-B5 (0-2)	CG27608	SOIL
428-B5 (10-12)	CG27609	SOIL
SOIL DUPLICATE	CG27610	SOIL
TRIP BLANK HIGH	CG27611	SOIL
TRIP BLANK LOW	CG27612	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	8:17
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27600

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	7460	36	7.2	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	3.26	0.72	0.72	mg/Kg	1	07/07/20	TH	SW6010D
Barium	49.6	0.7	0.36	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.52	0.29	0.14	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	911	3.6	3.3	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	0.57	0.36	0.36	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	5.92	0.36	0.36	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	13.9	0.36	0.36	mg/Kg	1	07/07/20	TH	SW6010D
Copper	14.9	0.7	0.36	mg/kg	1	07/07/20	TH	SW6010D
Iron	13500	36	36	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1100	7	2.8	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	2680	3.6	3.6	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	335	3.6	3.6	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	109	7	3.1	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	16.8	0.36	0.36	mg/Kg	1	07/07/20	TH	SW6010D
Lead	9.2	0.7	0.36	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	23.3	0.36	0.36	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	32.1	0.7	0.36	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	92			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	BL/AA	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	BL/AA	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (0-2)

Phoenix I.D.: CG27600

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	82			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	67			%	2	07/07/20	SC	30 - 150 %
% TCMX	72			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	65			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	07/07/20	CG	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	ND	35	35	ug/Kg	2	07/07/20	CG	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	45			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	52			%	2	07/07/20	CG	30 - 150 %
% TCMX	36			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	39			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (0-2)

Phoenix I.D.: CG27600

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloropropane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichloropropane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Chlorotoluene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Hexanone	ND	24	4.8	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	1
4-Chlorotoluene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	07/08/20	JLI	SW8260C	
Acetone	ND	24	4.8	ug/Kg	1	07/08/20	JLI	SW8260C	
Acrylonitrile	ND	9.7	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Benzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromobenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromodichloromethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromoform	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromomethane	ND	4.8	1.9	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon Disulfide	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon tetrachloride	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroethane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroform	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloromethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromochloromethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromomethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Ethylbenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Hexachlorobutadiene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
Isopropylbenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C	
m&p-Xylene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	07/08/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (0-2)

Phoenix I.D.: CG27600

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	9.7	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
Methylene chloride	ND	4.8	4.8	ug/Kg	1	07/08/20	JLI	SW8260C
Naphthalene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
n-Propylbenzene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
o-Xylene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
Styrene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrachloroethene	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.7	2.4	ug/Kg	1	07/08/20	JLI	SW8260C
Toluene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.7	2.4	ug/Kg	1	07/08/20	JLI	SW8260C
Trichloroethene	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	07/08/20	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/08/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	19	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
Acrolein	ND	4.8	0.97	ug/Kg	1	07/08/20	JLI	SW8260C
Acrylonitrile	ND	19	0.48	ug/Kg	1	07/08/20	JLI	SW8260C
Tert-butyl alcohol	ND	97	19	ug/Kg	1	07/08/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (0-2)

Phoenix I.D.: CG27600

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND	250	250	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	360	720	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	290	170	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	360	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	360	160	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	290	290	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	360	210	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	1800	720	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	250	95	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	250	93	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	180	100	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (0-2)

Phoenix I.D.: CG27600

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	72			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	85			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	69			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	65			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	72			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	83			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	72	72	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	65			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	64			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	90			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

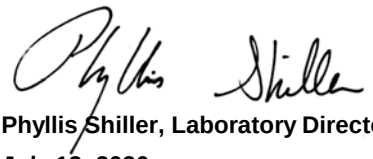
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	8:35
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27601

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.78	0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	8080	37	7.5	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	8.07	0.75	0.75	mg/Kg	1	07/07/20	TH	SW6010D
Barium	190	0.7	0.37	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.44	0.30	0.15	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	46800	37	34	mg/Kg	10	07/07/20	TH	SW6010D
Cadmium	1.11	0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	6.47	0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	27.7	0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Copper	62.4	0.7	0.37	mg/kg	1	07/07/20	TH	SW6010D
Iron	14400	37	37	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.33	0.07	0.04	mg/Kg	5	07/07/20	RS	SW7471B
Potassium	950	7	2.9	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	5380	37	37	mg/Kg	10	07/07/20	TH	SW6010D
Manganese	220	3.7	3.7	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	545	7	3.2	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	21.3	0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Lead	195	0.7	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	3.7	3.7	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.5	1.5	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	27.8	0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	212	7.5	3.7	mg/Kg	10	07/07/20	EK	SW6010D
Percent Solid	87			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	BL/AA	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	BL/AA	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (10-12)

Phoenix I.D.: CG27601

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1221	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1232	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1242	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1248	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1254	630	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1260	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1262	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
PCB-1268	ND	370	370	ug/Kg	10	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	77			%	10	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	88			%	10	07/07/20	SC	30 - 150 %
% TCMX	59			%	10	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	69			%	10	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	24	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	8.3	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	28	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	130	19	19	ug/Kg	10	07/08/20	CG	SW8081B
Aldrin	27	3.7	3.7	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	830	190	190	ug/Kg	10	07/08/20	CG	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	150	37	37	ug/Kg	10	07/08/20	CG	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	120	19	19	ug/Kg	10	07/08/20	CG	SW8081B
Heptachlor	20	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	19	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	54			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	53			%	2	07/07/20	CG	30 - 150 %
% TCMX	31			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	37			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1200	240	ug/Kg	200	07/09/20	JLI	SW8260C

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (10-12)

Phoenix I.D.: CG27601

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND		680	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
1,1-Dichloroethane	ND		270	240	ug/Kg	200	07/09/20	JLI	SW8260C	
1,1-Dichloroethene	ND		330	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,1-Dichloropropene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	B
1,2,3-Trichloropropane	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	18000		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2-Dibromoethane	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		1100	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2-Dichloroethane	ND		120	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,2-Dichloropropane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	4600		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
1,3-Dichloropropane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
2,2-Dichloropropane	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
2-Chlorotoluene	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
2-Hexanone	ND		6100	1200	ug/Kg	200	07/09/20	JLI	SW8260C	
2-Isopropyltoluene	270	J	1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	1
4-Chlorotoluene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		6100	1200	ug/Kg	200	07/09/20	JLI	SW8260C	
Acetone	ND		1200	1200	ug/Kg	200	07/09/20	JLI	SW8260C	
Acrylonitrile	ND		2400	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Benzene	130		120	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Bromobenzene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Bromochloromethane	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Bromodichloromethane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Bromoform	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Bromomethane	ND		1200	490	ug/Kg	200	07/09/20	JLI	SW8260C	B
Carbon Disulfide	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Carbon tetrachloride	ND		760	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Chlorobenzene	ND		1100	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Chloroethane	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Chloroform	ND		370	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Chloromethane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		250	120	ug/Kg	200	07/09/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Dibromochloromethane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Dibromomethane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Ethylbenzene	3200		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Hexachlorobutadiene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
Isopropylbenzene	1200	J	1200	120	ug/Kg	200	07/09/20	JLI	SW8260C	
m&p-Xylene	11000		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND		490	490	ug/Kg	200	07/09/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B1 (10-12)

Phoenix I.D.: CG27601

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND		930	240	ug/Kg	200	07/09/20	JLI	SW8260C
Methylene chloride	ND		490	490	ug/Kg	200	07/09/20	JLI	SW8260C
Naphthalene	2800		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C
n-Butylbenzene	3200		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C
n-Propylbenzene	3500		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C
o-Xylene	5000		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C
p-Isopropyltoluene	1200	J	1200	120	ug/Kg	200	07/09/20	JLI	SW8260C
sec-Butylbenzene	2100		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C
Styrene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C
tert-Butylbenzene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C
Tetrachloroethene	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND		2400	610	ug/Kg	200	07/09/20	JLI	SW8260C
Toluene	810		700	120	ug/Kg	200	07/09/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND		190	120	ug/Kg	200	07/09/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		2400	610	ug/Kg	200	07/09/20	JLI	SW8260C
Trichloroethene	ND		470	120	ug/Kg	200	07/09/20	JLI	SW8260C
Trichlorofluoromethane	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C
Trichlorotrifluoroethane	ND		1200	120	ug/Kg	200	07/09/20	JLI	SW8260C
Vinyl chloride	ND		120	120	ug/Kg	200	07/09/20	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (200x)	99				%	200	07/09/20	JLI	70 - 130 %
% Bromofluorobenzene (200x)	104				%	200	07/09/20	JLI	70 - 130 %
% Dibromofluoromethane (200x)	94				%	200	07/09/20	JLI	70 - 130 %
% Toluene-d8 (200x)	101				%	200	07/09/20	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		4900	240	ug/Kg	200	07/09/20	JLI	SW8260C
Acrolein	ND		1200	240	ug/Kg	200	07/09/20	JLI	SW8260C
Acrylonitrile	ND		4900	120	ug/Kg	200	07/09/20	JLI	SW8260C
Tert-butyl alcohol	ND		24000	4900	ug/Kg	200	07/09/20	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND		260	210	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND		260	94	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	5800		260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
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Phoenix I.D.: CG27601

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND		260	260	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND		260	240	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND		380	750	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	75	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND		300	180	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND		380	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND		380	170	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	1900		260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND		260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND		300	300	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	2900		260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	4800		260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND		380	220	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	4100		190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	3600		260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	1800		260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	3100		260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND		1900	750	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	160	J	260	97	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	230	J	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	1300		190	150	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	4200		260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	560		190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	1000		260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND		260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND		260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND		260	97	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	11000		2600	1200	ug/Kg	10	07/07/20	WB	SW8270D	
Fluorene	2400		260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND		260	140	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	2400		260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND		190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	2300		260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND		190	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		190	120	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
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Phoenix I.D.: CG27601

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	9900	2600	1100	ug/Kg	10	07/07/20	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	8800	2600	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Pyridine	ND	260	93	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	60			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	56			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	103			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	72			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	134			%	1	07/07/20	WB	30 - 130 %	3
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	

1,4-Dioxane

1,4-dioxane	ND	74	74	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	77			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	60			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	91			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	7:43
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27602

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	8300	34	6.9	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	3.23	0.69	0.69	mg/Kg	1	07/07/20	TH	SW6010D
Barium	65.9	0.7	0.34	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.54	0.27	0.14	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	1940	3.4	3.2	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	0.61	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	6.22	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	14.6	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Copper	22.3	0.7	0.34	mg/kg	1	07/07/20	TH	SW6010D
Iron	13700	34	34	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.06	0.03	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1070	7	2.7	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	2820	3.4	3.4	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	315	3.4	3.4	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	145	7	2.9	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	15.3	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Lead	17.6	0.7	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	3.4	3.4	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	25.2	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	42.5	0.7	0.34	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	89			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	BL/AA	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	BL/AA	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (0-2)

Phoenix I.D.: CG27602

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	07/08/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	62			%	2	07/08/20	SC	30 - 150 %
% DCBP (Confirmation)	62			%	2	07/08/20	SC	30 - 150 %
% TCMX	59			%	2	07/08/20	SC	30 - 150 %
% TCMX (Confirmation)	60			%	2	07/08/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	23	3.7	3.7	ug/Kg	2	07/07/20	CG	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	110	37	37	ug/Kg	2	07/07/20	CG	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	14	3.7	3.7	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	42			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	46			%	2	07/07/20	CG	30 - 150 %
% TCMX	33			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	35			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (0-2)

Phoenix I.D.: CG27602

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloropropene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromoethane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloroethane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloropropane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichloropropane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
2,2-Dichloropropane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Chlorotoluene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Hexanone	ND	22	4.5	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	1
4-Chlorotoluene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	22	4.5	ug/Kg	1	07/08/20	JLI	SW8260C	
Acetone	ND	22	4.5	ug/Kg	1	07/08/20	JLI	SW8260C	
Acrylonitrile	ND	9.0	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Benzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromobenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromochloromethane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromodichloromethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromoform	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromomethane	ND	4.5	1.8	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon Disulfide	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon tetrachloride	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Chlorobenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroethane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroform	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloromethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromochloromethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromomethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Ethylbenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Hexachlorobutadiene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
Isopropylbenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C	
m&p-Xylene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	4.5	ug/Kg	1	07/08/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (0-2)

Phoenix I.D.: CG27602

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	9.0	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
Methylene chloride	ND	4.5	4.5	ug/Kg	1	07/08/20	JLI	SW8260C
Naphthalene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
n-Butylbenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
n-Propylbenzene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
o-Xylene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
p-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
sec-Butylbenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
Styrene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
tert-Butylbenzene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrachloroethene	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.0	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
Toluene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.0	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
Trichloroethene	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorofluoromethane	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
Vinyl chloride	ND	4.5	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	07/08/20	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/08/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	18	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
Acrolein	ND	4.5	0.90	ug/Kg	1	07/08/20	JLI	SW8260C
Acrylonitrile	ND	18	0.45	ug/Kg	1	07/08/20	JLI	SW8260C
Tert-butyl alcohol	ND	90	18	ug/Kg	1	07/08/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (0-2)

Phoenix I.D.: CG27602

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND	260	260	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	370	740	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	1900	740	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	260	99	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	260	96	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	190	100	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (0-2)

Phoenix I.D.: CG27602

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	68			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	77			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	59			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	54			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	61			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	50			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	74	74	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	87			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	73			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	83			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

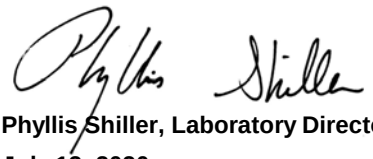
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	7:56
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27603

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	16000	45	8.9	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	4.40	0.89	0.89	mg/Kg	1	07/07/20	TH	SW6010D
Barium	106	0.9	0.45	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.76	0.36	0.18	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	7580	4.5	4.1	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	1.02	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	10.4	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	28.0	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Copper	29.7	0.9	0.45	mg/kg	1	07/07/20	TH	SW6010D
Iron	26400	45	45	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.17	0.04	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1600	9	3.5	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	3870	4.5	4.5	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	534	4.5	4.5	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	323	9	3.8	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	21.1	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Lead	118	0.9	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	4.5	4.5	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.8	1.5	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.8	1.8	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	44.5	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	49.3	0.9	0.45	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	71			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	BL/AA	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	BL/AA	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (10-12)

Phoenix I.D.: CG27603

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	91	91	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	53			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	53			%	2	07/07/20	SC	30 - 150 %
% TCMX	53			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	52			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.7	2.7	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	ND	2.7	2.7	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	ND	2.7	2.7	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
Aldrin	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	ND	46	46	ug/Kg	2	07/07/20	CG	SW8081B
d-BHC	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Endrin ketone	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	ND	9.1	9.1	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	46	46	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	50			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	39			%	2	07/07/20	CG	30 - 150 %
% TCMX	38			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	30			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (10-12)

Phoenix I.D.: CG27603

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		440	89	ug/Kg	50	07/08/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethene	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloropropene	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		440	89	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		440	89	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		440	89	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dibromoethane	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dichloroethane	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloropropane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
1,3-Dichloropropane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
2,2-Dichloropropane	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Chlorotoluene	ND		440	89	ug/Kg	50	07/08/20	JLI	SW8260C	
2-Hexanone	ND		56	11	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Isopropyltoluene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	1
4-Chlorotoluene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		56	11	ug/Kg	1	07/08/20	JLI	SW8260C	
Acetone	68	S	50	11	ug/Kg	1	07/08/20	JLI	SW8260C	
Acrylonitrile	ND		22	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Benzene	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromobenzene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
Bromochloromethane	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromodichloromethane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromoform	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromomethane	ND		11	4.5	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon Disulfide	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon tetrachloride	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Chlorobenzene	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroethane	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroform	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloromethane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromochloromethane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromomethane	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Ethylbenzene	ND		11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C	
Hexachlorobutadiene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
Isopropylbenzene	ND		440	44	ug/Kg	50	07/08/20	JLI	SW8260C	
m&p-Xylene	ND		11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C	
Methyl Ethyl Ketone	17	J	67	11	ug/Kg	1	07/08/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (10-12)

Phoenix I.D.: CG27603

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	22	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
Methylene chloride	ND	11	11	ug/Kg	1	07/08/20	JLI	SW8260C
Naphthalene	ND	440	89	ug/Kg	50	07/08/20	JLI	SW8260C
n-Butylbenzene	ND	440	44	ug/Kg	50	07/08/20	JLI	SW8260C
n-Propylbenzene	ND	440	89	ug/Kg	50	07/08/20	JLI	SW8260C
o-Xylene	ND	11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
p-Isopropyltoluene	ND	440	44	ug/Kg	50	07/08/20	JLI	SW8260C
sec-Butylbenzene	ND	440	44	ug/Kg	50	07/08/20	JLI	SW8260C
Styrene	ND	11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
tert-Butylbenzene	ND	440	44	ug/Kg	50	07/08/20	JLI	SW8260C
Tetrachloroethene	ND	11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	22	5.6	ug/Kg	1	07/08/20	JLI	SW8260C
Toluene	ND	11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	890	220	ug/Kg	50	07/08/20	JLI	SW8260C
Trichloroethene	ND	11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorofluoromethane	ND	11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
Vinyl chloride	ND	11	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene	83			%	1	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	07/08/20	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/08/20	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	98			%	50	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97			%	50	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	96			%	50	07/08/20	JLI	70 - 130 %
% Toluene-d8 (50x)	100			%	50	07/08/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	45	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
Acrolein	ND	11	2.2	ug/Kg	1	07/08/20	JLI	SW8260C
Acrylonitrile	ND	45	1.1	ug/Kg	1	07/08/20	JLI	SW8260C
Tert-butyl alcohol	ND	220	45	ug/Kg	1	07/08/20	JLI	SW8260C
Client MS/MSD	Completed					07/09/20		
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	320	160	ug/Kg	1	07/06/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	320	140	ug/Kg	1	07/06/20	WB	SW8270D
1,2-Dichlorobenzene	ND	320	130	ug/Kg	1	07/06/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	320	150	ug/Kg	1	07/06/20	WB	SW8270D
1,3-Dichlorobenzene	ND	320	140	ug/Kg	1	07/06/20	WB	SW8270D
1,4-Dichlorobenzene	ND	320	140	ug/Kg	1	07/06/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	320	250	ug/Kg	1	07/06/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	230	150	ug/Kg	1	07/06/20	WB	SW8270D
2,4-Dichlorophenol	ND	230	160	ug/Kg	1	07/06/20	WB	SW8270D
2,4-Dimethylphenol	ND	320	110	ug/Kg	1	07/06/20	WB	SW8270D
2,4-Dinitrophenol	ND	320	320	ug/Kg	1	07/06/20	WB	SW8270D
2,4-Dinitrotoluene	ND	230	180	ug/Kg	1	07/06/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (10-12)

Phoenix I.D.: CG27603

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2,6-Dinitrotoluene	ND		230	140	ug/Kg	1	07/06/20	WB	SW8270D	
2-Chloronaphthalene	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
2-Chlorophenol	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
2-Methylnaphthalene	ND		320	140	ug/Kg	1	07/06/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		320	220	ug/Kg	1	07/06/20	WB	SW8270D	
2-Nitroaniline	ND		320	320	ug/Kg	1	07/06/20	WB	SW8270D	
2-Nitrophenol	ND		320	290	ug/Kg	1	07/06/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	260	J	320	180	ug/Kg	1	07/06/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		230	220	ug/Kg	1	07/06/20	WB	SW8270D	
3-Nitroaniline	ND		460	920	ug/Kg	1	07/06/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		270	92	ug/Kg	1	07/06/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		320	160	ug/Kg	1	07/06/20	WB	SW8270D	
4-Chloroaniline	ND		370	210	ug/Kg	1	07/06/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
4-Nitroaniline	ND		460	150	ug/Kg	1	07/06/20	WB	SW8270D	
4-Nitrophenol	ND		460	210	ug/Kg	1	07/06/20	WB	SW8270D	
Acenaphthene	ND		320	140	ug/Kg	1	07/06/20	WB	SW8270D	
Acenaphthylene	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
Acetophenone	ND		320	140	ug/Kg	1	07/06/20	WB	SW8270D	
Aniline	ND		370	370	ug/Kg	1	07/06/20	WB	SW8270D	
Anthracene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Benz(a)anthracene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Benzidine	ND		460	270	ug/Kg	1	07/06/20	WB	SW8270D	
Benzo(a)pyrene	ND		230	150	ug/Kg	1	07/06/20	WB	SW8270D	
Benzo(b)fluoranthene	ND		320	160	ug/Kg	1	07/06/20	WB	SW8270D	
Benzo(ghi)perylene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Benzo(k)fluoranthene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Benzoic acid	ND		2300	920	ug/Kg	1	07/06/20	WB	SW8270D	
Benzyl butyl phthalate	ND		320	120	ug/Kg	1	07/06/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		230	120	ug/Kg	1	07/06/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
Carbazole	ND		230	180	ug/Kg	1	07/06/20	WB	SW8270D	
Chrysene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND		230	150	ug/Kg	1	07/06/20	WB	SW8270D	
Dibenzofuran	ND		320	130	ug/Kg	1	07/06/20	WB	SW8270D	
Diethyl phthalate	ND		320	140	ug/Kg	1	07/06/20	WB	SW8270D	
Dimethylphthalate	ND		320	140	ug/Kg	1	07/06/20	WB	SW8270D	
Di-n-butylphthalate	ND		320	120	ug/Kg	1	07/06/20	WB	SW8270D	
Di-n-octylphthalate	ND		320	120	ug/Kg	1	07/06/20	WB	SW8270D	
Fluoranthene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Fluorene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Hexachlorobenzene	ND		230	130	ug/Kg	1	07/06/20	WB	SW8270D	
Hexachlorobutadiene	ND		320	170	ug/Kg	1	07/06/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND		320	140	ug/Kg	1	07/06/20	WB	SW8270D	
Hexachloroethane	ND		230	140	ug/Kg	1	07/06/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		320	150	ug/Kg	1	07/06/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (10-12)

Phoenix I.D.: CG27603

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Isophorone	ND	230	130	ug/Kg	1	07/06/20	WB	SW8270D	
Naphthalene	ND	320	130	ug/Kg	1	07/06/20	WB	SW8270D	
Nitrobenzene	ND	230	160	ug/Kg	1	07/06/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	320	130	ug/Kg	1	07/06/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	230	150	ug/Kg	1	07/06/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	320	180	ug/Kg	1	07/06/20	WB	SW8270D	
Pentachloronitrobenzene	ND	320	170	ug/Kg	1	07/06/20	WB	SW8270D	
Pentachlorophenol	ND	270	170	ug/Kg	1	07/06/20	WB	SW8270D	
Phenanthrene	ND	320	130	ug/Kg	1	07/06/20	WB	SW8270D	
Phenol	ND	320	150	ug/Kg	1	07/06/20	WB	SW8270D	
Pyrene	ND	320	160	ug/Kg	1	07/06/20	WB	SW8270D	
Pyridine	ND	320	110	ug/Kg	1	07/06/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	70			%	1	07/06/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	79			%	1	07/06/20	WB	30 - 130 %	
% 2-Fluorophenol	67			%	1	07/06/20	WB	30 - 130 %	
% Nitrobenzene-d5	59			%	1	07/06/20	WB	30 - 130 %	
% Phenol-d5	69			%	1	07/06/20	WB	30 - 130 %	
% Terphenyl-d14	85			%	1	07/06/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	91	91	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	61			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	57			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	84			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

Project ID: 428 RODNEY ST BK
Client ID: 428-B2 (10-12)

Phoenix I.D.: CG27603

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

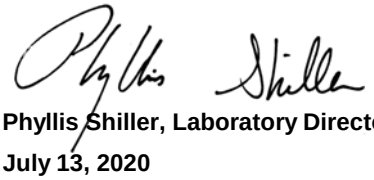
Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 13, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	7:13
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27604

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	15300	35	7.0	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	3.69	0.70	0.70	mg/Kg	1	07/07/20	TH	SW6010D
Barium	99.9	0.7	0.35	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.71	0.28	0.14	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	1570	3.5	3.2	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	1.06	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	8.25	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	34.1	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Copper	27.3	0.7	0.35	mg/kg	1	07/07/20	TH	SW6010D
Iron	30900	35	35	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.19	0.03	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1320	7	2.7	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	3110	3.5	3.5	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	373	3.5	3.5	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	121	7	3.0	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	16.6	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Lead	40.9	0.7	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	46.3	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	55.9	0.7	0.35	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	88			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/08/20	LL	SW3545A
Soil Extraction for Pesticides	Completed					07/08/20	LL/AA	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (0-2)

Phoenix I.D.: CG27604

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	42			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	43			%	2	07/07/20	SC	30 - 150 %
% TCMX	39			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	39			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	07/09/20	CG	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	07/09/20	CG	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	07/09/20	CG	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	07/09/20	CG	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	07/09/20	CG	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Chlordane	ND	38	38	ug/Kg	2	07/09/20	CG	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	07/09/20	CG	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	07/09/20	CG	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	07/09/20	CG	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	07/09/20	CG	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	07/09/20	CG	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	07/09/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	46			%	2	07/09/20	CG	30 - 150 %
% DCBP (Confirmation)	48			%	2	07/09/20	CG	30 - 150 %
% TCMX	36			%	2	07/09/20	CG	30 - 150 %
% TCMX (Confirmation)	39			%	2	07/09/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (0-2)

Phoenix I.D.: CG27604

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloropropene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromoethane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloroethane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloropropane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichloropropane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
2,2-Dichloropropane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Chlorotoluene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Hexanone	ND	20	4.0	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Isopropyltoluene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	1
4-Chlorotoluene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	20	4.0	ug/Kg	1	07/08/20	JLI	SW8260C	
Acetone	ND	20	4.0	ug/Kg	1	07/08/20	JLI	SW8260C	
Acrylonitrile	ND	8.1	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Benzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromobenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromochloromethane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromodichloromethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromoform	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromomethane	ND	4.0	1.6	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon Disulfide	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon tetrachloride	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Chlorobenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroethane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroform	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloromethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromochloromethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromomethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Ethylbenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Hexachlorobutadiene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
Isopropylbenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C	
m&p-Xylene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	24	4.0	ug/Kg	1	07/08/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (0-2)

Phoenix I.D.: CG27604

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	8.1	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
Methylene chloride	ND	4.0	4.0	ug/Kg	1	07/08/20	JLI	SW8260C
Naphthalene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
n-Butylbenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
n-Propylbenzene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
o-Xylene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
p-Isopropyltoluene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
sec-Butylbenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
Styrene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
tert-Butylbenzene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrachloroethene	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.1	2.0	ug/Kg	1	07/08/20	JLI	SW8260C
Toluene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.1	2.0	ug/Kg	1	07/08/20	JLI	SW8260C
Trichloroethene	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorofluoromethane	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
Vinyl chloride	ND	4.0	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	07/08/20	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/08/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	16	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
Acrolein	ND	4.0	0.81	ug/Kg	1	07/08/20	JLI	SW8260C
Acrylonitrile	ND	16	0.40	ug/Kg	1	07/08/20	JLI	SW8260C
Tert-butyl alcohol	ND	81	16	ug/Kg	1	07/08/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	260	94	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (0-2)

Phoenix I.D.: CG27604

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND	260	260	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	380	760	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	76	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	300	180	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	380	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	380	170	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	380	220	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	1900	760	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	260	98	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	260	100	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	260	98	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	260	140	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (0-2)

Phoenix I.D.: CG27604

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	260	150	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	260	93	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	67			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	83			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	63			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	62			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	67			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	58			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	74	74	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	70			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	70			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	85			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

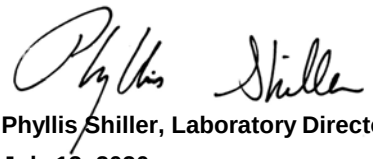
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	7:19
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27605

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	15800	35	7.1	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	1.88	0.71	0.71	mg/Kg	1	07/07/20	TH	SW6010D
Barium	73.4	0.7	0.35	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.65	0.28	0.14	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	1220	3.5	3.3	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	1.12	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	9.25	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	32.6	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Copper	24.1	0.7	0.35	mg/kg	1	07/07/20	TH	SW6010D
Iron	34900	35	35	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1330	7	2.8	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	2590	3.5	3.5	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	210	3.5	3.5	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	121	7	3.0	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	18.1	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Lead	8.7	0.7	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	49.1	0.35	0.35	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	41.6	0.7	0.35	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	84			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	BL/AA	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	BL/AA	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (10-12)

Phoenix I.D.: CG27605

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	07/08/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	52			%	2	07/08/20	SC	30 - 150 %
% DCBP (Confirmation)	52			%	2	07/08/20	SC	30 - 150 %
% TCMX	50			%	2	07/08/20	SC	30 - 150 %
% TCMX (Confirmation)	50			%	2	07/08/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	07/07/20	CG	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	ND	39	39	ug/Kg	2	07/07/20	CG	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	48			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	41			%	2	07/07/20	CG	30 - 150 %
% TCMX	35			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	30			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (10-12)

Phoenix I.D.: CG27605

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
1,1,2,2-Tetrachloroethane	ND		350	70	ug/Kg	50	07/09/20	GL	SW8260C	
1,1,2-Trichloroethane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
1,1-Dichloroethane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
1,1-Dichloroethene	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
1,1-Dichloropropene	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
1,2,3-Trichlorobenzene	ND		350	70	ug/Kg	50	07/09/20	GL	SW8260C	B
1,2,3-Trichloropropane	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
1,2,4-Trichlorobenzene	ND		350	70	ug/Kg	50	07/09/20	GL	SW8260C	
1,2,4-Trimethylbenzene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
1,2-Dibromo-3-chloropropane	ND		350	70	ug/Kg	50	07/09/20	GL	SW8260C	
1,2-Dibromoethane	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
1,2-Dichlorobenzene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
1,2-Dichloroethane	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
1,2-Dichloropropane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
1,3,5-Trimethylbenzene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
1,3-Dichlorobenzene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
1,3-Dichloropropane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
1,4-Dichlorobenzene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
2,2-Dichloropropane	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
2-Chlorotoluene	ND		350	70	ug/Kg	50	07/09/20	GL	SW8260C	
2-Hexanone	ND		33	6.6	ug/Kg	1	07/08/20	GL	SW8260C	
2-Isopropyltoluene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	1
4-Chlorotoluene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
4-Methyl-2-pentanone	ND		33	6.6	ug/Kg	1	07/08/20	GL	SW8260C	
Acetone	40	SL	30	6.0	ug/Kg	1	07/09/20	GL	SW8260C	
Acrylonitrile	ND		13	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Benzene	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Bromobenzene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
Bromochloromethane	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Bromodichloromethane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Bromoform	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Bromomethane	ND		6.6	2.6	ug/Kg	1	07/08/20	GL	SW8260C	B
Carbon Disulfide	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Carbon tetrachloride	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Chlorobenzene	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Chloroethane	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Chloroform	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Chloromethane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
cis-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
cis-1,3-Dichloropropene	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Dibromochloromethane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Dibromomethane	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Dichlorodifluoromethane	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Ethylbenzene	ND		6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C	
Hexachlorobutadiene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
Isopropylbenzene	ND		350	35	ug/Kg	50	07/09/20	GL	SW8260C	
m&p-Xylene	ND		6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C	
Methyl Ethyl Ketone	15	J	40	6.6	ug/Kg	1	07/08/20	GL	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (10-12)

Phoenix I.D.: CG27605

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	07/08/20	GL	SW8260C
Methylene chloride	ND	6.6	6.6	ug/Kg	1	07/08/20	GL	SW8260C
Naphthalene	ND	350	70	ug/Kg	50	07/09/20	GL	SW8260C
n-Butylbenzene	ND	350	35	ug/Kg	50	07/09/20	GL	SW8260C
n-Propylbenzene	ND	350	70	ug/Kg	50	07/09/20	GL	SW8260C
o-Xylene	ND	6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C
p-Isopropyltoluene	ND	350	35	ug/Kg	50	07/09/20	GL	SW8260C
sec-Butylbenzene	ND	350	35	ug/Kg	50	07/09/20	GL	SW8260C
Styrene	ND	6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C
tert-Butylbenzene	ND	350	35	ug/Kg	50	07/09/20	GL	SW8260C
Tetrachloroethene	ND	6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C
Tetrahydrofuran (THF)	ND	13	3.3	ug/Kg	1	07/08/20	GL	SW8260C
Toluene	170	140	35	ug/Kg	50	07/09/20	GL	SW8260C
trans-1,2-Dichloroethene	ND	6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C
trans-1,3-Dichloropropene	ND	6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C
trans-1,4-dichloro-2-butene	ND	700	180	ug/Kg	50	07/09/20	GL	SW8260C
Trichloroethene	ND	6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C
Trichlorofluoromethane	ND	6.6	1.3	ug/Kg	1	07/08/20	GL	SW8260C
Trichlorotrifluoroethane	ND	6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C
Vinyl chloride	ND	6.6	0.66	ug/Kg	1	07/08/20	GL	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	07/08/20	GL	70 - 130 %
% Bromofluorobenzene	99			%	1	07/08/20	GL	70 - 130 %
% Dibromofluoromethane	97			%	1	07/08/20	GL	70 - 130 %
% Toluene-d8	102			%	1	07/08/20	GL	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99			%	50	07/09/20	GL	70 - 130 %
% Bromofluorobenzene (50x)	96			%	50	07/09/20	GL	70 - 130 %
% Dibromofluoromethane (50x)	95			%	50	07/09/20	GL	70 - 130 %
% Toluene-d8 (50x)	99			%	50	07/09/20	GL	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	26	1.3	ug/Kg	1	07/08/20	JLI	SW8260C
Acrolein	ND	6.6	1.3	ug/Kg	1	07/08/20	JLI	SW8260C
Acrylonitrile	ND	26	0.66	ug/Kg	1	07/08/20	JLI	SW8260C
Tert-butyl alcohol	ND	130	26	ug/Kg	1	07/08/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (10-12)

Phoenix I.D.: CG27605

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Chloronaphthalene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
2-Methylnaphthalene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	390	770	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	77	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	390	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	390	170	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	310	310	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	390	230	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	1900	770	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	270	100	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B3 (10-12)

Phoenix I.D.: CG27605

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Naphthalene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	190	140	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	230	150	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	270	95	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	72			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	86			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	72			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	54			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	76			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	87			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	79	79	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	46			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	<10			%	1	07/08/20	WB	30 - 130 %	3
% Terphenyl-d14	81			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

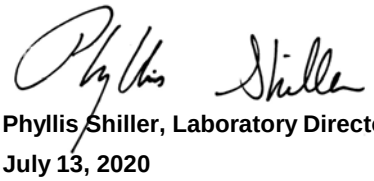
Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.,

L - Acetone is reported from a Phoenix prepared low level. A negative bias is possible.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	8:47
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27606

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.42	0.40	0.40	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	11600	40	8.1	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	11.1	0.81	0.81	mg/Kg	1	07/07/20	TH	SW6010D
Barium	465	0.8	0.40	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.59	0.32	0.16	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	2800	4.0	3.7	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	3.79	0.40	0.40	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	8.24	0.40	0.40	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	35.0	0.40	0.40	mg/Kg	1	07/07/20	TH	SW6010D
Copper	274	8.1	4.0	mg/kg	10	07/07/20	TH	SW6010D
Iron	37800	40	40	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.46	0.07	0.04	mg/Kg	5	07/07/20	RS	SW7471B
Potassium	1230	8	3.1	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	2690	4.0	4.0	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	259	4.0	4.0	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	175	8	3.5	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	23.5	0.40	0.40	mg/Kg	1	07/07/20	TH	SW6010D
Lead	616	0.8	0.40	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	4.0	4.0	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	35.5	0.40	0.40	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	1440	8.1	4.0	mg/Kg	10	07/07/20	EK	SW6010D
Percent Solid	86			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	LL/AA	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	LL/AA	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (0-2)

Phoenix I.D.: CG27606

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	75	75	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	59			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	49			%	2	07/07/20	SC	30 - 150 %
% TCMX	62			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	47			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	07/07/20	CG	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	ND	38	38	ug/Kg	2	07/07/20	CG	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	41			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	41			%	2	07/07/20	CG	30 - 150 %
% TCMX	33			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	31			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (0-2)

Phoenix I.D.: CG27606

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	290	57	ug/Kg	50	07/09/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	290	57	ug/Kg	50	07/09/20	JLI	SW8260C	B
1,2,3-Trichloropropane	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	290	57	ug/Kg	50	07/09/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	290	57	ug/Kg	50	07/09/20	JLI	SW8260C	
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloropropane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
1,3-Dichloropropane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Chlorotoluene	ND	290	57	ug/Kg	50	07/09/20	JLI	SW8260C	
2-Hexanone	ND	25	4.9	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Isopropyltoluene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	1
4-Chlorotoluene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	25	4.9	ug/Kg	1	07/08/20	JLI	SW8260C	
Acetone	ND	25	4.9	ug/Kg	1	07/08/20	JLI	SW8260C	
Acrylonitrile	ND	9.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Benzene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromobenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromodichloromethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromoform	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Bromomethane	ND	4.9	2.0	ug/Kg	1	07/08/20	JLI	SW8260C	B
Carbon Disulfide	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Carbon tetrachloride	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroethane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloroform	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Chloromethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromochloromethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Dibromomethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Ethylbenzene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C	
Hexachlorobutadiene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
Isopropylbenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C	
m&p-Xylene	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	4.9	ug/Kg	1	07/08/20	JLI	SW8260C	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	9.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C
Methylene chloride	ND	4.9	4.9	ug/Kg	1	07/08/20	JLI	SW8260C
Naphthalene	1500	290	57	ug/Kg	50	07/09/20	JLI	SW8260C
n-Butylbenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C
n-Propylbenzene	ND	290	57	ug/Kg	50	07/09/20	JLI	SW8260C
o-Xylene	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C
p-Isopropyltoluene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C
sec-Butylbenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C
Styrene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
tert-Butylbenzene	ND	290	29	ug/Kg	50	07/09/20	JLI	SW8260C
Tetrachloroethene	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.9	2.5	ug/Kg	1	07/08/20	JLI	SW8260C
Toluene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	570	140	ug/Kg	50	07/09/20	JLI	SW8260C
Trichloroethene	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	07/08/20	JLI	70 - 130 %
% Toluene-d8	99			%	1	07/08/20	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99			%	50	07/09/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	96			%	50	07/09/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94			%	50	07/09/20	JLI	70 - 130 %
% Toluene-d8 (50x)	99			%	50	07/09/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	0.99	ug/Kg	1	07/08/20	JLI	SW8260C
Acrolein	ND	4.9	0.99	ug/Kg	1	07/08/20	JLI	SW8260C
Acrylonitrile	ND	20	0.49	ug/Kg	1	07/08/20	JLI	SW8260C
Tert-butyl alcohol	ND	99	20	ug/Kg	1	07/08/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	440	270	96	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Chloronaphthalene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
2-Methylnaphthalene	3900	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
2-Methylphenol (o-cresol)	340	270	180	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	640	270	150	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	390	770	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	77	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	390	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	390	170	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	5400	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	1100	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	310	310	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	11000	2700	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Benz(a)anthracene	22000	2700	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Benzidine	ND	390	230	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	19000	1900	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	15000	2700	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	3800	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	14000	2700	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Benzoic acid	ND	1900	770	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	4400	190	150	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	21000	2700	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	2600	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	5300	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	270	99	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	44000	2700	1200	ug/Kg	10	07/07/20	WB	SW8270D	
Fluorene	4800	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	6700	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Naphthalene	11000	2700	1100	ug/Kg	10	07/07/20	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	230	150	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	44000	2700	1100	ug/Kg	10	07/07/20	WB	SW8270D	
Phenol	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	41000	2700	1300	ug/Kg	10	07/07/20	WB	SW8270D	
Pyridine	ND	270	95	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	81			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	75			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	59			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	56			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	62			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	53			%	1	07/07/20	WB	30 - 130 %	
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out			%	10	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	77	77	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	88			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	76			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	74			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

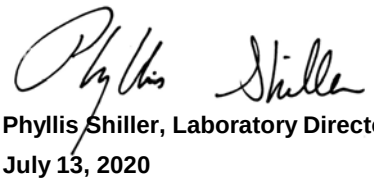
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 13, 2020

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	9:03
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27607

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	32400	450	90	mg/Kg	100	07/08/20	EK	SW6010D
Arsenic	5.52	0.90	0.90	mg/Kg	1	07/07/20	TH	SW6010D
Barium	159	0.9	0.45	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	1.28	0.36	0.18	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	4160	4.5	4.2	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	1.77	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	17.8	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	49.4	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Copper	48.9	0.9	0.45	mg/kg	1	07/07/20	TH	SW6010D
Iron	45100	45	45	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.28	0.09	0.06	mg/Kg	5	07/07/20	RS	SW7471B
Potassium	2710	9	3.5	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	6260	4.5	4.5	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	1100	4.5	4.5	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	380	9	3.9	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	38.1	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Lead	130	0.9	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	4.5	4.5	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.8	1.5	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.8	1.8	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	64.0	0.45	0.45	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	113	90	45	mg/Kg	100	07/08/20	EK	SW6010D
Percent Solid	71			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	LL/EE	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (10-12)

Phoenix I.D.: CG27607

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	92	92	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	76			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	74			%	2	07/07/20	SC	30 - 150 %
% TCMX	73			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	71			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.8	2.8	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	ND	2.8	2.8	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	ND	2.8	2.8	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
Aldrin	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	ND	46	46	ug/Kg	2	07/07/20	CG	SW8081B
d-BHC	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Endrin ketone	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	ND	4.6	4.6	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	ND	9.2	9.2	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	46	46	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	68			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	67			%	2	07/07/20	CG	30 - 150 %
% TCMX	52			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	52			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (10-12)

Phoenix I.D.: CG27607

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloropropene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromoethane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloroethane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloropropane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichloropropane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
2,2-Dichloropropane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Chlorotoluene	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Hexanone	ND		33	6.7	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Isopropyltoluene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	1
4-Chlorotoluene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND		33	6.7	ug/Kg	1	07/09/20	JLI	SW8260C	
Acetone	77	S	33	6.7	ug/Kg	1	07/09/20	JLI	SW8260C	
Acrylonitrile	ND		13	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Benzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromobenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromochloromethane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromodichloromethane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromoform	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromomethane	ND		6.7	2.7	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon Disulfide	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon tetrachloride	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Chlorobenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroethane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroform	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloromethane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromochloromethane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromomethane	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Ethylbenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Hexachlorobutadiene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
Isopropylbenzene	ND		6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C	
m&p-Xylene	ND		6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Methyl Ethyl Ketone	17	J	40	6.7	ug/Kg	1	07/09/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (10-12)

Phoenix I.D.: CG27607

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	07/09/20	JLI	SW8260C
Methylene chloride	ND	6.7	6.7	ug/Kg	1	07/09/20	JLI	SW8260C
Naphthalene	ND	6.7	3.6	ug/Kg	1	07/09/20	JLI	SW8260C
n-Butylbenzene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
n-Propylbenzene	ND	6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C
o-Xylene	ND	6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C
p-Isopropyltoluene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
sec-Butylbenzene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
Styrene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
tert-Butylbenzene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrachloroethene	ND	6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	13	3.3	ug/Kg	1	07/09/20	JLI	SW8260C
Toluene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	13	3.3	ug/Kg	1	07/09/20	JLI	SW8260C
Trichloroethene	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorofluoromethane	ND	6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
Vinyl chloride	ND	6.7	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/09/20	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	07/09/20	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	07/09/20	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/09/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	27	1.3	ug/Kg	1	07/09/20	JLI	SW8260C
Acrolein	ND	6.7	1.3	ug/Kg	1	07/09/20	JLI	SW8260C
Acrylonitrile	ND	27	0.67	ug/Kg	1	07/09/20	JLI	SW8260C
Tert-butyl alcohol	ND	130	27	ug/Kg	1	07/09/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	320	160	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	320	250	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	230	150	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	230	160	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	320	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	320	320	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	230	180	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	230	150	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND	320	220	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (10-12)

Phoenix I.D.: CG27607

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND	320	320	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	320	290	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	320	180	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	230	220	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	460	920	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	280	92	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	320	160	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	370	210	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	460	150	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	460	210	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	370	370	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	460	270	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	230	150	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	320	160	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	2300	920	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	320	120	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	230	120	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	230	180	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	230	150	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	320	120	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	320	120	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	230	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	320	170	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	320	140	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	230	140	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	230	130	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	230	160	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	230	150	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B4 (10-12)

Phoenix I.D.: CG27607

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	320	180	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	320	170	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	280	170	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	320	130	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	320	150	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	320	160	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	320	110	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	67			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	76			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	71			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	53			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	71			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	74			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	93	93	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	56			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	46			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	81			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	7:31
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27608

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	10500	34	6.8	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	3.54	0.68	0.68	mg/Kg	1	07/07/20	TH	SW6010D
Barium	65.2	0.7	0.34	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.65	0.27	0.14	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	3030	3.4	3.1	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	0.73	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	9.17	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	18.1	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Copper	23.8	0.7	0.34	mg/kg	1	07/07/20	TH	SW6010D
Iron	18300	34	34	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.06	0.03	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1410	7	2.6	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	4910	3.4	3.4	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	379	3.4	3.4	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	156	7	2.9	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	19.2	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Lead	14.0	0.7	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	3.4	3.4	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	29.0	0.34	0.34	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	51.0	0.7	0.34	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	90			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	LL/EE	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (0-2)

Phoenix I.D.: CG27608

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	85			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	67			%	2	07/07/20	SC	30 - 150 %
% TCMX	80			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	71			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	07/07/20	CG	SW8081B
4,4' -DDT	ND	3.1	3.1	ug/Kg	2	07/07/20	CG	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	07/07/20	CG	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	07/07/20	CG	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Chlordane	ND	36	36	ug/Kg	2	07/07/20	CG	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	07/07/20	CG	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	07/07/20	CG	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	07/07/20	CG	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	07/07/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	68			%	2	07/07/20	CG	30 - 150 %
% DCBP (Confirmation)	72			%	2	07/07/20	CG	30 - 150 %
% TCMX	52			%	2	07/07/20	CG	30 - 150 %
% TCMX (Confirmation)	56			%	2	07/07/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (0-2)

Phoenix I.D.: CG27608

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Hexanone	ND	26	5.3	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	1
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	26	5.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Acetone	ND	26	5.3	ug/Kg	1	07/09/20	JLI	SW8260C	
Acrylonitrile	ND	11	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Benzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromobenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromoform	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromomethane	ND	5.3	2.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroethane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroform	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloromethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromomethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Ethylbenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
Isopropylbenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C	
m&p-Xylene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	32	5.3	ug/Kg	1	07/09/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (0-2)

Phoenix I.D.: CG27608

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
Methylene chloride	ND	5.3	5.3	ug/Kg	1	07/09/20	JLI	SW8260C
Naphthalene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
n-Propylbenzene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
o-Xylene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
Styrene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.6	ug/Kg	1	07/09/20	JLI	SW8260C
Toluene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.6	ug/Kg	1	07/09/20	JLI	SW8260C
Trichloroethene	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	07/09/20	JLI	70 - 130 %
% Bromofluorobenzene	88			%	1	07/09/20	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	07/09/20	JLI	70 - 130 %
% Toluene-d8	97			%	1	07/09/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	21	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
Acrolein	ND	5.3	1.1	ug/Kg	1	07/09/20	JLI	SW8260C
Acrylonitrile	ND	21	0.53	ug/Kg	1	07/09/20	JLI	SW8260C
Tert-butyl alcohol	ND	110	21	ug/Kg	1	07/09/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (0-2)

Phoenix I.D.: CG27608

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND	250	250	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	360	720	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	290	170	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	360	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	360	160	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	290	290	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	360	210	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	1800	720	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	250	96	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	250	93	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (0-2)

Phoenix I.D.: CG27608

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	250	89	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	72			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	81			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	68			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	63			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	70			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	54			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	73	73	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	79			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	69			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	83			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

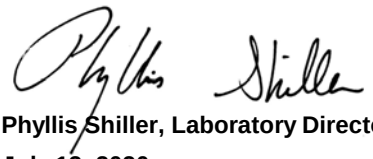
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	7:39
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27609

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (10-12)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	9520	39	7.9	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	2.32	0.79	0.79	mg/Kg	1	07/07/20	TH	SW6010D
Barium	65.7	0.8	0.39	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.51	0.31	0.16	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	1060	3.9	3.6	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	1.07	0.39	0.39	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	7.44	0.39	0.39	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	28.2	0.39	0.39	mg/Kg	1	07/07/20	TH	SW6010D
Copper	18.5	0.8	0.39	mg/kg	1	07/07/20	TH	SW6010D
Iron	36600	39	39	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.16	0.03	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1080	8	3.1	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	1710	3.9	3.9	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	388	3.9	3.9	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	106	8	3.4	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	12.4	0.39	0.39	mg/Kg	1	07/07/20	TH	SW6010D
Lead	8.0	0.8	0.39	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND	3.9	3.9	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	45.6	0.39	0.39	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	34.5	0.8	0.39	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	87			%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed					07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed					07/06/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed					07/06/20	LL/EE	SW3545A
Mercury Digestion	Completed					07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (10-12)

Phoenix I.D.: CG27609

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	76	76	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	79			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	68			%	2	07/07/20	SC	30 - 150 %
% TCMX	75			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	68			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	07/08/20	CG	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	07/08/20	CG	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	07/08/20	CG	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
a-Chlordane	6.8	3.8	3.8	ug/Kg	2	07/08/20	CG	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	07/08/20	CG	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Chlordane	40	15	15	ug/Kg	2	07/08/20	CG	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	07/08/20	CG	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	07/08/20	CG	SW8081B
g-Chlordane	6.4	3.8	3.8	ug/Kg	2	07/08/20	CG	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	07/08/20	CG	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	07/08/20	CG	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	07/08/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	61			%	2	07/08/20	CG	30 - 150 %
% DCBP (Confirmation)	70			%	2	07/08/20	CG	30 - 150 %
% TCMX	47			%	2	07/08/20	CG	30 - 150 %
% TCMX (Confirmation)	50			%	2	07/08/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (10-12)

Phoenix I.D.: CG27609

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloropropene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromoethane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloroethane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloropropane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichloropropane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
2,2-Dichloropropane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Chlorotoluene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Hexanone	ND	15	3.0	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Isopropyltoluene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	1
4-Chlorotoluene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	15	3.0	ug/Kg	1	07/09/20	JLI	SW8260C	
Acetone	ND	15	3.0	ug/Kg	1	07/09/20	JLI	SW8260C	
Acrylonitrile	ND	6.1	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Benzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromobenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromochloromethane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromodichloromethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromoform	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromomethane	ND	3.0	1.2	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon Disulfide	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon tetrachloride	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Chlorobenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroethane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroform	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloromethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromochloromethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromomethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Ethylbenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Hexachlorobutadiene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
Isopropylbenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C	
m&p-Xylene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	18	3.0	ug/Kg	1	07/09/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (10-12)

Phoenix I.D.: CG27609

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	6.1	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
Methylene chloride	ND	3.0	3.0	ug/Kg	1	07/09/20	JLI	SW8260C
Naphthalene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
n-Butylbenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
n-Propylbenzene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
o-Xylene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
p-Isopropyltoluene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
sec-Butylbenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
Styrene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
tert-Butylbenzene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrachloroethene	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.1	1.5	ug/Kg	1	07/09/20	JLI	SW8260C
Toluene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.1	1.5	ug/Kg	1	07/09/20	JLI	SW8260C
Trichloroethene	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorofluoromethane	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
Vinyl chloride	ND	3.0	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	07/09/20	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	07/09/20	JLI	70 - 130 %
% Dibromofluoromethane	92			%	1	07/09/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	07/09/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	12	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
Acrolein	ND	3.0	0.61	ug/Kg	1	07/09/20	JLI	SW8260C
Acrylonitrile	ND	12	0.30	ug/Kg	1	07/09/20	JLI	SW8260C
Tert-butyl alcohol	ND	61	12	ug/Kg	1	07/09/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	07/07/20	WB	SW8270D

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (10-12)

Phoenix I.D.: CG27609

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND	270	270	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	380	760	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	76	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	300	180	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	380	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	380	170	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	380	220	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	1900	760	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	270	98	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428-B5 (10-12)

Phoenix I.D.: CG27609

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	270	110	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	270	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	270	130	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	270	93	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	88			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	78			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	76			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	83			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	83			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	94			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	75	75	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	49			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	47			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	80			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

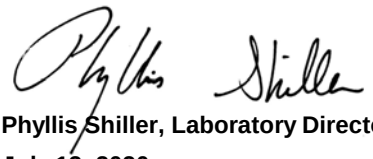
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27610

Project ID: 428 RODNEY ST BK
Client ID: SOIL DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Aluminum	8950		37	7.5	mg/Kg	10	07/07/20	TH	SW6010D
Arsenic	3.48		0.75	0.75	mg/Kg	1	07/07/20	TH	SW6010D
Barium	92.5		0.7	0.37	mg/Kg	1	07/07/20	EK	SW6010D
Beryllium	0.59		0.30	0.15	mg/Kg	1	07/07/20	TH	SW6010D
Calcium	1890		3.7	3.4	mg/Kg	1	07/07/20	TH	SW6010D
Cadmium	0.67		0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Cobalt	6.36		0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Chromium	15.9		0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Copper	33.2		0.7	0.37	mg/kg	1	07/07/20	TH	SW6010D
Iron	14500		37	37	mg/Kg	10	07/07/20	TH	SW6010D
Mercury	0.02	J	0.03	0.02	mg/Kg	2	07/07/20	RS	SW7471B
Potassium	1220		7	2.9	mg/Kg	1	07/07/20	TH	SW6010D
Magnesium	3330		3.7	3.7	mg/Kg	1	07/07/20	TH	SW6010D
Manganese	316		3.7	3.7	mg/Kg	10	07/07/20	TH	SW6010D
Sodium	173		7	3.2	mg/Kg	1	07/07/20	TH	SW6010D
Nickel	15.2		0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Lead	17.0		0.7	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Antimony	ND		3.7	3.7	mg/Kg	1	07/07/20	TH	SW6010D
Selenium	ND		1.5	1.3	mg/Kg	1	07/07/20	TH	SW6010D
Thallium	ND		1.5	1.5	mg/Kg	1	07/07/20	TH	SW6010D
Vanadium	27.8		0.37	0.37	mg/Kg	1	07/07/20	TH	SW6010D
Zinc	46.8		0.7	0.37	mg/Kg	1	07/07/20	EK	SW6010D
Percent Solid	89				%		07/06/20	HB	SW846-%Solid
Extraction for SVOA SIM	Completed						07/07/20	RK/MA	SW3545A
Soil Extraction for PCB	Completed						07/06/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed						07/06/20	LL/EE	SW3545A
Mercury Digestion	Completed						07/07/20	D/KL	SW7471B

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: SOIL DUPLICATE

Phoenix I.D.: CG27610

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Soil Extraction for SVOA	Completed					07/06/20	RR/MA	SW3546
Total Metals Digest	Completed					07/06/20	F/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	07/07/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	80			%	2	07/07/20	SC	30 - 150 %
% DCBP (Confirmation)	69			%	2	07/07/20	SC	30 - 150 %
% TCMX	78			%	2	07/07/20	SC	30 - 150 %
% TCMX (Confirmation)	69			%	2	07/07/20	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	07/08/20	CG	SW8081B
4,4' -DDE	4.5	2.2	2.2	ug/Kg	2	07/08/20	CG	SW8081B
4,4' -DDT	2.9	2.2	2.2	ug/Kg	2	07/08/20	CG	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
a-Chlordane	12	3.7	3.7	ug/Kg	2	07/08/20	CG	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	07/08/20	CG	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Chlordane	63	37	37	ug/Kg	2	07/08/20	CG	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	07/08/20	CG	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	07/08/20	CG	SW8081B
g-Chlordane	7.9	3.7	3.7	ug/Kg	2	07/08/20	CG	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	07/08/20	CG	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	07/08/20	CG	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	07/08/20	CG	SW8081B
QA/QC Surrogates								
% DCBP	62			%	2	07/08/20	CG	30 - 150 %
% DCBP (Confirmation)	68			%	2	07/08/20	CG	30 - 150 %
% TCMX	51			%	2	07/08/20	CG	30 - 150 %
% TCMX (Confirmation)	55			%	2	07/08/20	CG	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: SOIL DUPLICATE

Phoenix I.D.: CG27610

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,2-Dichloropropane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
1,3-Dichloropropane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Chlorotoluene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Hexanone	ND	21	4.2	ug/Kg	1	07/09/20	JLI	SW8260C	
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	1
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	07/09/20	JLI	SW8260C	
Acetone	ND	21	4.2	ug/Kg	1	07/09/20	JLI	SW8260C	
Acrylonitrile	ND	8.3	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Benzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromobenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromodichloromethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromoform	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Bromomethane	ND	4.2	1.7	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon Disulfide	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Carbon tetrachloride	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroethane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloroform	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Chloromethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromochloromethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Dibromomethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Ethylbenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C	
m&p-Xylene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C	
Methyl Ethyl Ketone	ND	25	4.2	ug/Kg	1	07/09/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: SOIL DUPLICATE

Phoenix I.D.: CG27610

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Methyl t-butyl ether (MTBE)	ND	8.3	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
Methylene chloride	ND	4.2	4.2	ug/Kg	1	07/09/20	JLI	SW8260C
Naphthalene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
n-Propylbenzene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
o-Xylene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
Styrene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
tert-Butylbenzene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrachloroethene	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.3	2.1	ug/Kg	1	07/09/20	JLI	SW8260C
Toluene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.3	2.1	ug/Kg	1	07/09/20	JLI	SW8260C
Trichloroethene	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorofluoromethane	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	07/09/20	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	07/09/20	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	07/09/20	JLI	70 - 130 %
% Toluene-d8	100			%	1	07/09/20	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	17	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
Acrolein	ND	4.2	0.83	ug/Kg	1	07/09/20	JLI	SW8260C
Acrylonitrile	ND	17	0.42	ug/Kg	1	07/09/20	JLI	SW8260C
Tert-butyl alcohol	ND	83	17	ug/Kg	1	07/09/20	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	07/07/20	WB	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	07/07/20	WB	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	07/07/20	WB	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	07/07/20	WB	SW8270D

Project ID: 428 RODNEY ST BK
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Phoenix I.D.: CG27610

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
2-Nitroaniline	ND	250	250	ug/Kg	1	07/07/20	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	07/07/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	07/07/20	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	07/07/20	WB	SW8270D	
3-Nitroaniline	ND	360	730	ug/Kg	1	07/07/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	73	ug/Kg	1	07/07/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chloroaniline	ND	290	170	ug/Kg	1	07/07/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitroaniline	ND	360	120	ug/Kg	1	07/07/20	WB	SW8270D	
4-Nitrophenol	ND	360	160	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Acenaphthylene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Aniline	ND	290	290	ug/Kg	1	07/07/20	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzidine	ND	360	210	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Benzoic acid	ND	1800	730	ug/Kg	1	07/07/20	WB	SW8270D	
Benzyl butyl phthalate	ND	250	94	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	98	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Carbazole	ND	180	150	ug/Kg	1	07/07/20	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	
Dibenzofuran	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-butylphthalate	ND	250	97	ug/Kg	1	07/07/20	WB	SW8270D	
Di-n-octylphthalate	ND	250	94	ug/Kg	1	07/07/20	WB	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobenzene	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	07/07/20	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	07/07/20	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	07/07/20	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	07/07/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: SOIL DUPLICATE

Phoenix I.D.: CG27610

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachloronitrobenzene	ND	250	140	ug/Kg	1	07/07/20	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	07/07/20	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	07/07/20	WB	SW8270D	
Phenol	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	07/07/20	WB	SW8270D	
Pyridine	ND	250	89	ug/Kg	1	07/07/20	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	81			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorobiphenyl	71			%	1	07/07/20	WB	30 - 130 %	
% 2-Fluorophenol	68			%	1	07/07/20	WB	30 - 130 %	
% Nitrobenzene-d5	75			%	1	07/07/20	WB	30 - 130 %	
% Phenol-d5	73			%	1	07/07/20	WB	30 - 130 %	
% Terphenyl-d14	79			%	1	07/07/20	WB	30 - 130 %	
1,4-Dioxane									
1,4-dioxane	ND	74	74	ug/Kg	1	07/08/20	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2-Fluorobiphenyl	66			%	1	07/08/20	WB	30 - 130 %	
% Nitrobenzene-d5	58			%	1	07/08/20	WB	30 - 130 %	
% Terphenyl-d14	84			%	1	07/08/20	WB	30 - 130 %	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27611

Project ID: 428 RODNEY ST BK
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,1-Dichloroethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,1-Dichloroethene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,1-Dichloropropene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dibromoethane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dichloroethane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,2-Dichloropropane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
1,3-Dichloropropane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
2,2-Dichloropropane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
2-Chlorotoluene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
2-Hexanone	ND	1300	250	ug/Kg	50	07/08/20	JLI	SW8260C	
2-Isopropyltoluene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	1
4-Chlorotoluene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	07/08/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: TRIP BLANK HIGH

Phoenix I.D.: CG27611

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Acetone	ND	1300	250	ug/Kg	50	07/08/20	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	07/08/20	JLI	SW8260C
Benzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	07/08/20	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Methyl Ethyl Ketone	ND	1500	250	ug/Kg	50	07/08/20	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	07/08/20	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	07/08/20	JLI	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
n-Propylbenzene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	07/08/20	JLI	SW8260C
Toluene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	07/08/20	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
Vinyl chloride	ND	250	25	ug/Kg	50	07/08/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (50x)	99			%	50	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene (50x)	95			%	50	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94			%	50	07/08/20	JLI	70 - 130 %
% Toluene-d8 (50x)	100			%	50	07/08/20	JLI	70 - 130 %

Project ID: 428 RODNEY ST BK
Client ID: TRIP BLANK HIGH

Phoenix I.D.: CG27611

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,4-dioxane									
1,4-dioxane	ND	3800	2000	ug/kg	50	07/08/20	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (50x)	99			%	50	07/08/20	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	95			%	50	07/08/20	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	94			%	50	07/08/20	JLI	70 - 130 %	
% Toluene-d8 (50x)	100			%	50	07/08/20	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	07/08/20	JLI	SW8260C	
Acrolein	ND	250	50	ug/Kg	50	07/08/20	JLI	SW8260C	
Acrylonitrile	ND	1000	25	ug/Kg	50	07/08/20	JLI	SW8260C	
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	07/08/20	JLI	SW8260C	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 13, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	07/03/20	
Location Code:	EBC	Received by:	CP	07/06/20	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG27600
Phoenix ID: CG27612

Project ID: 428 RODNEY ST BK
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Hexanone	ND	25	5.0	ug/Kg	1	07/08/20	JLI	SW8260C	
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	1
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	07/08/20	JLI	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: TRIP BLANK LOW

Phoenix I.D.: CG27612

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Acetone	ND	25	5.0	ug/Kg	1	07/08/20	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Benzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	07/08/20	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	07/08/20	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	07/08/20	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	07/08/20	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	07/08/20	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	07/08/20	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	07/08/20	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	07/08/20	JLI	70 - 130 %
% Dibromofluoromethane	92			%	1	07/08/20	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/08/20	JLI	70 - 130 %

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: TRIP BLANK LOW

Phoenix I.D.: CG27612

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
1,4-dioxane									
1,4-dioxane	ND	75	40	ug/kg	1	07/08/20	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	07/08/20	JLI	70 - 130 %	
% Bromofluorobenzene	95			%	1	07/08/20	JLI	70 - 130 %	
% Dibromofluoromethane	92			%	1	07/08/20	JLI	70 - 130 %	
% Toluene-d8	101			%	1	07/08/20	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
Acrolein	ND	5.0	1.0	ug/Kg	1	07/08/20	JLI	SW8260C	
Acrylonitrile	ND	20	0.50	ug/Kg	1	07/08/20	JLI	SW8260C	
Tert-butyl alcohol	ND	100	20	ug/Kg	1	07/08/20	JLI	SW8260C	
Field Extraction	Completed					07/03/20		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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Phyllis Shiller, Laboratory Director
July 13, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Monday, July 13, 2020

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCG27600 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG27601	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	490	50	50	ug/Kg
CG27601	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	18000	1200	3600	3600	ug/Kg
CG27601	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	120	20	20	ug/Kg
CG27601	$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	810	700	700	700	ug/Kg
CG27601	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	490	120	120	ug/Kg
CG27601	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	3200	1200	1000	1000	ug/Kg
CG27601	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	120	20	20	ug/Kg
CG27601	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1200	50	50	ug/Kg
CG27601	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	130	120	60	60	ug/Kg
CG27601	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	18000	1200	3600	3600	ug/Kg
CG27601	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	490	50	50	ug/Kg
CG27601	$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	810	700	700	700	ug/Kg
CG27601	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	120	20	20	ug/Kg
CG27601	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	490	120	120	ug/Kg
CG27601	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3200	1200	1000	1000	ug/Kg
CG27601	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1200	50	50	ug/Kg
CG27601	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	130	120	60	60	ug/Kg
CG27601	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	120	20	20	ug/Kg
CG27601	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3100	260	1700	1700	ug/Kg
CG27601	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3600	260	1700	1700	ug/Kg
CG27601	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4800	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4200	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2400	260	500	500	ug/Kg
CG27601	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	560	190	330	330	ug/Kg
CG27601	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	4200	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3100	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4800	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3600	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	4100	190	1000	1000	ug/Kg
CG27601	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	560	190	330	330	ug/Kg
CG27601	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3600	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2400	260	500	500	ug/Kg
CG27601	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4100	190	1000	1000	ug/Kg
CG27601	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	4200	260	3900	3900	ug/Kg
CG27601	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4800	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3100	260	800	800	ug/Kg
CG27601	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	560	190	330	330	ug/Kg
CG27601	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4200	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	260	500	500	ug/Kg
CG27601	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4100	190	1000	1000	ug/Kg
CG27601	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3600	260	1000	1000	ug/Kg
CG27601	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4800	260	1000	1000	ug/Kg

Monday, July 13, 2020

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCG27600 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG27601	$8270SMRDP	Dibenzofuran	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1000	260	330	330	ug/Kg
CG27601	$PCB_SMRDP	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	630	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1268	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1262	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PCB_SMRDP	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	370	100	100	ug/Kg
CG27601	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential	27	3.7	19	19	ug/Kg
CG27601	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	24	2.2	3.3	3.3	ug/Kg
CG27601	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	8.3	2.2	3.3	3.3	ug/Kg
CG27601	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	28	2.2	3.3	3.3	ug/Kg
CG27601	$PESTSMDPR	a-Chlordane	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	130	19	94	94	ug/Kg
CG27601	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	27	3.7	5	5	ug/Kg
CG27601	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	62.4	0.7	50	50	mg/kg
CG27601	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.33	0.07	0.18	0.18	mg/Kg
CG27601	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	195	0.7	63	63	mg/Kg
CG27601	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	212	7.5	109	109	mg/Kg
CG27603	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	68	50	50	50	ug/Kg
CG27603	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	68	50	50	50	ug/Kg
CG27603	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	118	0.9	63	63	mg/Kg
CG27604	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	34.1	0.35	30		mg/Kg
CG27604	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.19	0.03	0.18	0.18	mg/Kg
CG27605	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	32.6	0.35	30		mg/Kg
CG27606	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	22000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Ground Water Protection	340	270	330	330	ug/Kg
CG27606	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	14000	2700	1700	1700	ug/Kg
CG27606	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	21000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	15000	2700	1700	1700	ug/Kg
CG27606	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	21000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	15000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	19000	1900	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	14000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	22000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	2600	190	330	330	ug/Kg
CG27606	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	6700	270	500	500	ug/Kg
CG27606	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2600	190	330	330	ug/Kg

Monday, July 13, 2020

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCG27600 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG27606	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	21000	2700	3900	3900	ug/Kg
CG27606	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	6700	270	500	500	ug/Kg
CG27606	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	15000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	19000	1900	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	14000	2700	3900	3900	ug/Kg
CG27606	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	22000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	22000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	14000	2700	800	800	ug/Kg
CG27606	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	15000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	19000	1900	1000	1000	ug/Kg
CG27606	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	21000	2700	1000	1000	ug/Kg
CG27606	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2600	190	330	330	ug/Kg
CG27606	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6700	270	500	500	ug/Kg
CG27606	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	340	270	330	330	ug/Kg
CG27606	$8270SMRDP	Dibenzofuran	NY / 375-6.8 Volatiles / Ground Water Protection	5300	270	3200	3200	ug/Kg
CG27606	$8270SMRDP	Dibenzofuran	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5300	270	330	330	ug/Kg
CG27606	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	465	0.8	350	350	mg/Kg
CG27606	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	465	0.8	400	400	mg/Kg
CG27606	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	465	0.8	350	350	mg/Kg
CG27606	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	3.79	0.40	2.5	2.5	mg/Kg
CG27606	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	3.79	0.40	2.5	2.5	mg/Kg
CG27606	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.0	0.40	30		mg/Kg
CG27606	CU-SM	Copper	NY / 375-6.8 Metals / Residential	274	8.1	270	270	mg/kg
CG27606	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	274	8.1	270	270	mg/kg
CG27606	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	274	8.1	50	50	mg/kg
CG27606	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.46	0.07	0.18	0.18	mg/Kg
CG27606	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	616	0.8	450	450	mg/Kg
CG27606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	616	0.8	400	400	mg/Kg
CG27606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	616	0.8	400	400	mg/Kg
CG27606	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	616	0.8	63	63	mg/Kg
CG27606	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	1440	8.1	109	109	mg/Kg
CG27607	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	77	33	50	50	ug/Kg
CG27607	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	77	33	50	50	ug/Kg
CG27607	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	49.4	0.45	30		mg/Kg
CG27607	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.28	0.09	0.18	0.18	mg/Kg
CG27607	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	38.1	0.45	30	30	mg/Kg
CG27607	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	130	0.9	63	63	mg/Kg
CG27607	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	113	90	109	109	mg/Kg
CG27610	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.5	2.2	3.3	3.3	ug/Kg

Monday, July 13, 2020

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCG27600 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 13, 2020

SDG I.D.: GCG27600

The samples in this delivery group were received at 2.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

Temp 2.7 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone: 631-504-6000
☒ Email: N/A

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 428 Rodney St. BK
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: TONY BALADO Date: 7-3-20

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260 B	SVOCs 8270 + 1,4-Dioxane	Pesticides/PCBs 8081/8082	TAL metals							Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
27600	428-B1 (0-2)	S	7/3	8:17	X	X	X	X							3	1								
27601	428-B1 (10-12)	S	7/3	8:35	X	X	X	X							3	1								
27602	428-B2 (0-2)	S	7/3	7:43	X	X	X	X							3	1								
27603	428-B2 (10-12)	S	7/3	7:56	X	X	X	X							9	3								
27604	428-B3 (0-2)	S	7/3	7:13	X	X	X	X							3	1								
27605	428-B3 (10-12)	S	7/3	7:19	X	X	X	X							3	1								
27606	428-B4 (0-2)	S	7/3	8:47	X	X	X	X							3	1								
27607	428-B4 (10-12)	S	7/3	9:03	X	X	X	X							3	1								
27608	428-B5 (0-2)	S	7/3	7:31	X	X	X	X							3	1								
27609	428-B5 (10-12)	S	7/3	7:39	X	X	X	X							3	1								
27610	Soil Duplicate	S	7/3	—	X	X	X	X							3	1								

Relinquished by:	Accepted by:	Date:	Time:
		7-6-20	12:00
		7-6-20	14:54

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ NY 375 GWP
☒ NY375 Unrestricted Use Soil
☒ NY375 Residential Soil
☒ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☒ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

Comments, Special Requirements or Regulations:
27611 TB HL for VOCs
27612 TB LL for VOCs

Please Run MS/MSD on 428-B2 (10-12)

State where samples were collected: NY

PEL 164 REV. 5/2020

PHOENIX
Environmental Laboratories, Inc.

Tuesday, July 14, 2020

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **428 RODNEY ST BK**
SDG ID: **GCG28447**
Sample ID#s: **CG28447 - CG28451**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

July 14, 2020

SDG I.D.: GCG28447

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

SIM Analysis:
The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

Toxaphene is reported to the lowest possible reporting level. The NY TOGS criteria for this compound can not be achieved.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

July 14, 2020

SDG I.D.: GCG28447

Project ID: 428 RODNEY ST BK

Client Id	Lab Id	Matrix
428 MW1	CG28447	GROUND WATER
428 MW2	CG28448	GROUND WATER
428 MW3	CG28449	GROUND WATER
GW DUPLICATE	CG28450	GROUND WATER
TB	CG28451	GROUND WATER

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TB	07/06/20	10:59
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG28447
Phoenix ID: CG28447

Project ID: 428 RODNEY ST BK
Client ID: 428 MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum	79.9	0.20	0.024	mg/L	10	07/09/20	TH	SW6010D
Arsenic - LDL	0.021	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium	0.581	0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium	0.004	0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium	134	0.010	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium	0.004	0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt	0.037	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium	0.150	0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper	0.179	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum (Dissolved)	0.048	0.011	0.0026	mg/L	1	07/08/20	CPP	SW6010D
Arsenic, (Dissolved)	0.002	J 0.003	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium (Dissolved)	0.136	0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium (Dissolved)	123	0.01	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt, (Dissolved)	ND	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Iron, (Dissolved)	ND	0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	07/09/20	RS	SW7470A
Potassium (Dissolved)	16.9	0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D
Magnesium (Dissolved)	10.7	0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Manganese, (Dissolved)	0.583	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Sodium (Dissolved)	156	11	11	mg/L	100	07/09/20	TH	SW6010D
Nickel, (Dissolved)	0.001	J 0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Antimony (Dissolved)-LDL	0.0001	J 0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Selenium (Dissolved)-LDL	0.002	J 0.002	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc, (Dissolved)	ND	0.011	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Iron	135	0.10	0.10	mg/L	10	07/09/20	TH	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	07/08/20	RS	SW7470A	
Potassium	27.4	0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D	
Magnesium	25.6	0.010	0.01	mg/L	1	07/08/20	CPP	SW6010D	
Manganese	1.63	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Sodium	165	1.0	1.0	mg/L	10	07/09/20	TH	SW6010D	
Nickel	0.098	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Lead	0.060	0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Antimony	ND	0.0030	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Selenium	0.002	J 0.01	0.0010	mg/L	10	07/08/20	CPP	SW6020B	
Thallium	0.0009	0.0005	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Vanadium	0.202	0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc	0.250	0.010	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Filtration	Completed					07/07/20	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
PCB Extraction (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Extraction for Pest (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Semi-Volatile Extraction	Completed					07/08/20	P/AK	SW3520C	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Total Metals Digestion	Completed					07/07/20	AG		
Total Metals Digestion MS	Completed					07/07/20	AG		

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	07/09/20	CG	SW8081B	
Alachlor	ND	0.077	0.077	ug/L	1	07/09/20	CG	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	07/09/20	CG	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
Chlordane	ND	0.021	0.021	ug/L	1	07/09/20	CG	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	07/09/20	CG	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	07/09/20	CG	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	07/09/20	CG	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	07/09/20	CG	SW8081B	
Endrin	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	07/09/20	CG	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	07/09/20	CG	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	07/09/20	CG	SW8081B	
Heptachlor	ND	0.005	0.005	ug/L	1	07/09/20	CG	SW8081B	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Heptachlor epoxide	ND		0.005	0.005	ug/L	1	07/09/20	CG	SW8081B
Methoxychlor	ND		0.10	0.10	ug/L	1	07/09/20	CG	SW8081B
Toxaphene	ND		0.21	0.21	ug/L	1	07/09/20	CG	SW8081B
QA/QC Surrogates									
%DCBP (Surrogate Rec)	93				%	1	07/09/20	CG	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	50				%	1	07/09/20	CG	30 - 150 %
%TCMX (Surrogate Rec)	76				%	1	07/09/20	CG	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	63				%	1	07/09/20	CG	30 - 150 %
Polychlorinated Biphenyls									
PCB-1016	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1221	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1232	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1242	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1248	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1254	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1260	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1262	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
PCB-1268	ND		0.052	0.052	ug/L	1	07/09/20	SC	SW8082A
QA/QC Surrogates									
% DCBP	62				%	1	07/09/20	SC	30 - 150 %
% DCBP (Confirmation)	79				%	1	07/09/20	SC	30 - 150 %
% TCMX	68				%	1	07/09/20	SC	30 - 150 %
% TCMX (Confirmation)	70				%	1	07/09/20	SC	30 - 150 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,4-Trimethylbenzene	52		5.0	1.3	ug/L	5	07/12/20	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	07/10/20	MH	SW8260C
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	07/10/20	MH	SW8260C
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,3,5-Trimethylbenzene	11		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
2-Hexanone	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C
2-Isopropyltoluene	0.33	J	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acetone	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Benzene	12		0.70	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Carbon Disulfide	0.96	J	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chlorobenzene	1.1	J	5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Ethylbenzene	27		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/10/20	MH	SW8260C	
Isopropylbenzene	3.6		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
m&p-Xylene	93		5.0	1.3	ug/L	5	07/12/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/10/20	MH	SW8260C	
Naphthalene	9.6		1.0	1.0	ug/L	1	07/10/20	MH	SW8260C	
n-Butylbenzene	2.7		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
n-Propylbenzene	7.8		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
o-Xylene	56		5.0	1.3	ug/L	5	07/12/20	MH	SW8260C	
p-Isopropyltoluene	1.3		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
sec-Butylbenzene	2.7		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	1
Toluene	82		5.0	1.3	ug/L	5	07/12/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	07/10/20	MH	70 - 130 %	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
% Bromofluorobenzene	99				%	1	07/10/20	MH	70 - 130 %	
% Dibromofluoromethane	97				%	1	07/10/20	MH	70 - 130 %	
% Toluene-d8	105				%	1	07/10/20	MH	70 - 130 %	
% 1,2-dichlorobenzene-d4 (5x)	105				%	5	07/12/20	MH	70 - 130 %	
% Bromofluorobenzene (5x)	103				%	5	07/12/20	MH	70 - 130 %	
% Dibromofluoromethane (5x)	106				%	5	07/12/20	MH	70 - 130 %	
% Toluene-d8 (5x)	100				%	5	07/12/20	MH	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrylonitrile	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tert-butyl alcohol	ND		50	10	ug/L	1	07/10/20	MH	SW8260C	
1,4-dioxane										
1,4-dioxane	ND		0.20	0.20	ug/l	1	07/09/20	AW	SW8270DSIM	1
QA/QC Surrogates										
% 1,4-dioxane-d8	59				%	1	07/09/20	AW	30 - 130 %	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		3.4	3.4	ug/L	1	07/11/20	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		4.8	1.4	ug/L	1	07/11/20	WB	SW8270D	
1,2-Dichlorobenzene	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
1,2-Diphenylhydrazine	ND		4.8	1.6	ug/L	1	07/11/20	WB	SW8270D	
1,3-Dichlorobenzene	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
1,4-Dichlorobenzene	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2,4,5-Trichlorophenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dichlorophenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dimethylphenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dinitrophenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dinitrotoluene	ND		4.8	1.9	ug/L	1	07/11/20	WB	SW8270D	
2,6-Dinitrotoluene	ND		4.8	1.5	ug/L	1	07/11/20	WB	SW8270D	
2-Chloronaphthalene	ND		4.8	1.4	ug/L	1	07/11/20	WB	SW8270D	
2-Chlorophenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2-Methylnaphthalene	2.2	J	4.8	1.4	ug/L	1	07/11/20	WB	SW8270D	
2-Methylphenol (o-cresol)	1.3		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
2-Nitroaniline	ND		4.8	1.9	ug/L	1	07/11/20	WB	SW8270D	
2-Nitrophenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
3,3'-Dichlorobenzidine	ND		4.8	2.3	ug/L	1	07/11/20	WB	SW8270D	
3-Nitroaniline	ND		4.8	1.9	ug/L	1	07/11/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		4.8	1.4	ug/L	1	07/11/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
4-Chloroaniline	ND		3.4	2.2	ug/L	1	07/11/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		4.8	1.6	ug/L	1	07/11/20	WB	SW8270D	
4-Nitroaniline	ND		4.8	1.6	ug/L	1	07/11/20	WB	SW8270D	
4-Nitrophenol	ND		0.96	0.96	ug/L	1	07/11/20	WB	SW8270D	
Acenaphthene	ND		4.8	1.5	ug/L	1	07/11/20	WB	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Acetophenone	ND	4.8	1.5	ug/L	1	07/11/20	WB	SW8270D
Aniline	ND	3.4	3.4	ug/L	1	07/11/20	WB	SW8270D
Anthracene	ND	4.8	1.6	ug/L	1	07/11/20	WB	SW8270D
Benzidine	ND	4.3	2.8	ug/L	1	07/11/20	WB	SW8270D
Benzoic acid	ND	24	9.6	ug/L	1	07/11/20	WB	SW8270D
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroethyl)ether	ND	0.96	0.96	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	4.8	1.3	ug/L	1	07/11/20	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	0.96	0.96	ug/L	1	07/11/20	WB	SW8270D
Carbazole	ND	4.8	3.6	ug/L	1	07/11/20	WB	SW8270D
Dibenzofuran	ND	4.8	1.4	ug/L	1	07/11/20	WB	SW8270D
Diethyl phthalate	ND	4.8	1.5	ug/L	1	07/11/20	WB	SW8270D
Dimethylphthalate	ND	4.8	1.5	ug/L	1	07/11/20	WB	SW8270D
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	07/11/20	WB	SW8270D
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	07/11/20	WB	SW8270D
Fluoranthene	ND	4.8	1.6	ug/L	1	07/11/20	WB	SW8270D
Fluorene	ND	4.8	1.6	ug/L	1	07/11/20	WB	SW8270D
Hexachlorocyclopentadiene	ND	4.8	1.5	ug/L	1	07/11/20	WB	SW8270D
Hexachloroethane	ND	0.96	0.96	ug/L	1	07/11/20	WB	SW8270D
Isophorone	ND	4.8	1.3	ug/L	1	07/11/20	WB	SW8270D
Naphthalene	ND	4.8	1.4	ug/L	1	07/11/20	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	4.8	1.6	ug/L	1	07/11/20	WB	SW8270D
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	07/11/20	WB	SW8270D
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	07/11/20	WB	SW8270D
Phenol	ND	0.96	0.96	ug/L	1	07/11/20	WB	SW8270D
Pyrene	ND	4.8	1.7	ug/L	1	07/11/20	WB	SW8270D
Pyridine	ND	9.6	1.2	ug/L	1	07/11/20	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	59			%	1	07/11/20	WB	15 - 110 %
% 2-Fluorobiphenyl	62			%	1	07/11/20	WB	30 - 130 %
% 2-Fluorophenol	32			%	1	07/11/20	WB	15 - 110 %
% Nitrobenzene-d5	75			%	1	07/11/20	WB	30 - 130 %
% Phenol-d5	37			%	1	07/11/20	WB	15 - 110 %
% Terphenyl-d14	49			%	1	07/11/20	WB	30 - 130 %
Semivolatiles								
Acenaphthylene	ND	0.48	0.48	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	07/10/20	WB	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	07/10/20	WB	SW8270D (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	07/10/20	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	07/10/20	WB	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	07/10/20	WB	SW8270D (SIM)

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428 MW1

Phoenix I.D.: CG28447

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Pentachlorophenol	ND	0.48	0.48	ug/L	1	07/10/20	WB	SW8270D (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	07/10/20	WB	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	65			%	1	07/10/20	WB	15 - 110 %
% 2-Fluorobiphenyl	57			%	1	07/10/20	WB	30 - 130 %
% 2-Fluorophenol	39			%	1	07/10/20	WB	15 - 110 %
% Nitrobenzene-d5	77			%	1	07/10/20	WB	30 - 130 %
% Phenol-d5	44			%	1	07/10/20	WB	15 - 110 %
% Terphenyl-d14	54			%	1	07/10/20	WB	30 - 130 %
Extraction for 1,4-Dioxane	Completed					07/08/20	S/S	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

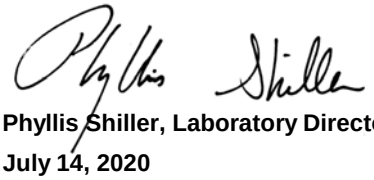
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 14, 2020

Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TB	07/06/20	9:57
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG28447
Phoenix ID: CG28448

Project ID: 428 RODNEY ST BK
Client ID: 428 MW2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum	10.7		0.020	0.0024	mg/L	1	07/08/20	TH	SW6010D
Arsenic - LDL	0.005		0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium	0.245		0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium	ND		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium	62.8		0.010	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium	0.001	J	0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt	0.008		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium	0.027		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper	0.022		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum (Dissolved)	ND		0.011	0.0026	mg/L	1	07/08/20	CPP	SW6010D
Arsenic, (Dissolved)	0.002	J	0.003	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium (Dissolved)	0.134		0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium (Dissolved)	59.9		0.01	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt, (Dissolved)	0.004	J	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium (Dissolved)	0.002		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper, (Dissolved)	0.002	J	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Iron, (Dissolved)	0.09		0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	07/09/20	RS	SW7470A
Potassium (Dissolved)	17.0		0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D
Magnesium (Dissolved)	28.3		0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Manganese, (Dissolved)	1.84		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Sodium (Dissolved)	44.6		0.11	0.1	mg/L	1	07/08/20	CPP	SW6010D
Nickel, (Dissolved)	0.003	J	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Lead (Dissolved)	ND		0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428 MW2

Phoenix I.D.: CG28448

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Antimony (Dissolved)-LDL	0.0001	J 0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Selenium (Dissolved)-LDL	0.002	J 0.002	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Vanadium, (Dissolved)	0.003	J 0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc, (Dissolved)	ND	0.011	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Iron	35.6	0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	07/08/20	RS	SW7470A	
Potassium	18.6	0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D	
Magnesium	30.8	0.010	0.01	mg/L	1	07/08/20	CPP	SW6010D	
Manganese	2.26	0.050	0.010	mg/L	10	07/09/20	TH	SW6010D	
Sodium	45.8	0.10	0.1	mg/L	1	07/09/20	TH	SW6010D	
Nickel	0.013	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Lead	0.008	0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Antimony	ND	0.0030	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Selenium	0.001	J 0.010	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Thallium	ND	0.0005	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Vanadium	0.045	0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc	0.030	0.010	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Filtration	Completed					07/07/20	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
PCB Extraction (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Extraction for Pest (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Semi-Volatile Extraction	Completed					07/08/20	P/AK	SW3520C	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Total Metals Digestion	Completed					07/07/20	AG		
Total Metals Digestion MS	Completed					07/07/20	AG		

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	07/10/20	CG	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	07/10/20	CG	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	07/10/20	CG	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	07/10/20	CG	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
Alachlor	ND	0.072	0.072	ug/L	1	07/10/20	CG	SW8081B	1
Aldrin	ND	0.001	0.001	ug/L	1	07/10/20	CG	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	07/10/20	CG	SW8081B	
Chlordane	ND	0.048	0.048	ug/L	1	07/10/20	CG	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	07/10/20	CG	SW8081B	
Dieldrin	ND	0.001	0.001	ug/L	1	07/10/20	CG	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	07/10/20	CG	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	07/10/20	CG	SW8081B
Methoxychlor	ND	0.096	0.096	ug/L	1	07/10/20	CG	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	07/10/20	CG	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	58			%	1	07/10/20	CG	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	33			%	1	07/10/20	CG	30 - 150 %
%TCMX (Surrogate Rec)	74			%	1	07/10/20	CG	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	47			%	1	07/10/20	CG	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1221	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1232	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1242	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1248	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1254	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1260	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1262	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
PCB-1268	ND	0.048	0.048	ug/L	1	07/10/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	49			%	1	07/10/20	SC	30 - 150 %
% DCBP (Confirmation)	54			%	1	07/10/20	SC	30 - 150 %
% TCMX	69			%	1	07/10/20	SC	30 - 150 %
% TCMX (Confirmation)	69			%	1	07/10/20	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/14/20	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/14/20	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/14/20	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/14/20	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	07/14/20	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C

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Project ID: 428 RODNEY ST BK
Client ID: 428 MW2

Phoenix I.D.: CG28448

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/14/20	HM	SW8260C	
Acetone	16	S	5.0	2.5	ug/L	1	07/14/20	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/14/20	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/14/20	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	07/14/20	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Carbon Disulfide	0.50	J	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
cis-1,2-Dichloroethene	0.29	J	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/14/20	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/14/20	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Methyl ethyl ketone	3.4		2.5	2.5	ug/L	1	07/14/20	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/14/20	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/14/20	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/14/20	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/14/20	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/14/20	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	07/14/20	HM	70 - 130 %	

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428 MW2

Phoenix I.D.: CG28448

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
% Bromofluorobenzene	78			%	1	07/14/20	HM	70 - 130 %	
% Dibromofluoromethane	81			%	1	07/14/20	HM	70 - 130 %	
% Toluene-d8	96			%	1	07/14/20	HM	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	07/14/20	HM	SW8260C	
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/14/20	HM	SW8260C	
Tert-butyl alcohol	ND	50	10	ug/L	1	07/14/20	HM	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.20	0.20	ug/l	1	07/09/20	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	57			%	1	07/09/20	AW	30 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	07/11/20	PS	SW8270D	
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	07/11/20	PS	SW8270D	
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D	
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	07/11/20	PS	SW8270D	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	07/11/20	PS	SW8270D	
2-Chlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	07/11/20	PS	SW8270D	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
2-Nitroaniline	ND	5.0	2.0	ug/L	1	07/11/20	PS	SW8270D	
2-Nitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	07/11/20	PS	SW8270D	
3-Nitroaniline	ND	5.0	2.0	ug/L	1	07/11/20	PS	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	07/11/20	PS	SW8270D	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
4-Chloroaniline	ND	3.5	2.3	ug/L	1	07/11/20	PS	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	07/11/20	PS	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	07/11/20	PS	SW8270D	
4-Nitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D	
Acenaphthene	ND	5.0	1.5	ug/L	1	07/11/20	PS	SW8270D	
Acetophenone	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D	
Aniline	ND	3.5	3.5	ug/L	1	07/11/20	PS	SW8270D	
Anthracene	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D	
Benzidine	ND	4.5	2.9	ug/L	1	07/11/20	PS	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: 428 MW2

Phoenix I.D.: CG28448

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Benzoic acid	ND	25	10	ug/L	1	07/11/20	PS	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	07/11/20	PS	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	07/11/20	PS	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	07/11/20	PS	SW8270D
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	07/11/20	PS	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	07/11/20	PS	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	07/11/20	PS	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	07/11/20	PS	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	07/11/20	PS	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	07/11/20	PS	SW8270D
Hexachloroethane	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	07/11/20	PS	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	07/11/20	PS	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	07/11/20	PS	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	07/11/20	PS	SW8270D
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	07/11/20	PS	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	07/11/20	PS	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	07/11/20	PS	SW8270D
Pyridine	ND	10	1.2	ug/L	1	07/11/20	PS	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	81			%	1	07/11/20	PS	15 - 110 %
% 2-Fluorobiphenyl	64			%	1	07/11/20	PS	30 - 130 %
% 2-Fluorophenol	58			%	1	07/11/20	PS	15 - 110 %
% Nitrobenzene-d5	79			%	1	07/11/20	PS	30 - 130 %
% Phenol-d5	66			%	1	07/11/20	PS	15 - 110 %
% Terphenyl-d14	46			%	1	07/11/20	PS	30 - 130 %
Semivolatiles								
Acenaphthylene	ND	0.54	0.54	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.54	0.54	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.54	0.54	ug/L	1	07/10/20	WB	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	07/10/20	WB	SW8270D (SIM)
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	07/10/20	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Nitrobenzene	ND	0.40	0.40	ug/L	1	07/10/20	WB	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.11	0.11	ug/L	1	07/10/20	WB	SW8270D (SIM)
Pentachlorophenol	ND	0.54	0.54	ug/L	1	07/10/20	WB	SW8270D (SIM)
Phenanthrene	ND	0.54	0.54	ug/L	1	07/10/20	WB	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	94			%	1	07/10/20	WB	15 - 110 %

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428 MW2

Phoenix I.D.: CG28448

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% 2-Fluorobiphenyl	57			%	1	07/10/20	WB	30 - 130 %
% 2-Fluorophenol	62			%	1	07/10/20	WB	15 - 110 %
% Nitrobenzene-d5	76			%	1	07/10/20	WB	30 - 130 %
% Phenol-d5	73			%	1	07/10/20	WB	15 - 110 %
% Terphenyl-d14	55			%	1	07/10/20	WB	30 - 130 %
Extraction for 1,4-Dioxane	Completed					07/08/20	S/S	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 14, 2020
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TB	07/06/20	7:52
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG28447
Phoenix ID: CG28449

Project ID: 428 RODNEY ST BK
Client ID: 428 MW3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum	1.04		0.020	0.0024	mg/L	1	07/08/20	TH	SW6010D
Arsenic - LDL	0.001	J	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium	0.037		0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium	ND		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium	130		0.010	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium	ND		0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt	0.002	J	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium	0.040		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper	0.017		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum (Dissolved)	0.046		0.011	0.0026	mg/L	1	07/08/20	CPP	SW6010D
Arsenic, (Dissolved)	0.001	J	0.003	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium (Dissolved)	0.031		0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium (Dissolved)	129		0.01	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt, (Dissolved)	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium (Dissolved)	0.037		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper, (Dissolved)	0.013		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Iron, (Dissolved)	ND		0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	07/09/20	RS	SW7470A
Potassium (Dissolved)	40.5		0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D
Magnesium (Dissolved)	18.1		0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Manganese, (Dissolved)	0.008		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Sodium (Dissolved)	57.2		1.1	1.1	mg/L	10	07/09/20	TH	SW6010D
Nickel, (Dissolved)	0.002	J	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Lead (Dissolved)	ND		0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: 428 MW3

Phoenix I.D.: CG28449

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Antimony (Dissolved)-LDL	0.0029	0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Selenium (Dissolved)-LDL	0.008	0.002	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc, (Dissolved)	0.008	J 0.011	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Iron	1.55	0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	07/08/20	RS	SW7470A	
Potassium	40.3	0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D	
Magnesium	18.5	0.010	0.01	mg/L	1	07/08/20	CPP	SW6010D	
Manganese	0.030	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Sodium	57.7	1.0	1.0	mg/L	10	07/09/20	TH	SW6010D	
Nickel	0.003	J 0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Lead	0.003	0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Antimony	0.0033	0.0030	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Selenium	0.009	J 0.010	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Thallium	ND	0.0005	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Vanadium	0.003	J 0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc	0.016	0.010	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Filtration	Completed					07/07/20	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
PCB Extraction (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Extraction for Pest (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Semi-Volatile Extraction	Completed					07/08/20	P/AK	SW3520C	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Total Metals Digestion	Completed					07/07/20	AG		
Total Metals Digestion MS	Completed					07/07/20	AG		

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	5	07/10/20	PS	SW8081B	
4,4' -DDE	ND	0.010	0.010	ug/L	5	07/10/20	PS	SW8081B	
4,4' -DDT	ND	0.010	0.010	ug/L	5	07/10/20	PS	SW8081B	
a-BHC	ND	0.010	0.010	ug/L	5	07/10/20	PS	SW8081B	
a-chlordane	ND	0.051	0.051	ug/L	5	07/10/20	PS	SW8081B	
Alachlor	ND	0.38	0.38	ug/L	5	07/10/20	PS	SW8081B	1
Aldrin	ND	0.008	0.008	ug/L	5	07/10/20	PS	SW8081B	
b-BHC	ND	0.025	0.025	ug/L	5	07/10/20	PS	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	5	07/10/20	PS	SW8081B	
d-BHC	ND	0.025	0.025	ug/L	5	07/10/20	PS	SW8081B	
Dieldrin	ND	0.004	0.004	ug/L	5	07/10/20	PS	SW8081B	
Endosulfan I	ND	0.051	0.051	ug/L	5	07/10/20	PS	SW8081B	
Endosulfan II	ND	0.051	0.051	ug/L	5	07/10/20	PS	SW8081B	
Endosulfan Sulfate	ND	0.051	0.051	ug/L	5	07/10/20	PS	SW8081B	
Endrin	ND	0.010	0.010	ug/L	5	07/10/20	PS	SW8081B	
Endrin Aldehyde	ND	0.051	0.051	ug/L	5	07/10/20	PS	SW8081B	
Endrin ketone	ND	0.30	0.30	ug/L	5	07/10/20	PS	SW8081B	
g-BHC (Lindane)	ND	0.025	0.025	ug/L	5	07/10/20	PS	SW8081B	
g-chlordane	ND	0.051	0.051	ug/L	5	07/10/20	PS	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	5	07/10/20	PS	SW8081B	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Heptachlor epoxide	ND	0.010	0.010	ug/L	5	07/10/20	PS	SW8081B
Methoxychlor	ND	0.51	0.51	ug/L	5	07/10/20	PS	SW8081B
Toxaphene	ND	0.25	0.25	ug/L	5	07/10/20	PS	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	109			%	5	07/10/20	PS	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	47			%	5	07/10/20	PS	30 - 150 %
%TCMX (Surrogate Rec)	73			%	5	07/10/20	PS	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	87			%	5	07/10/20	PS	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	0.66	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1221	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1232	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1242	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1248	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1254	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1260	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1262	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
PCB-1268	ND	0.25	0.25	ug/L	5	07/10/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	38			%	5	07/10/20	SC	30 - 150 %
% DCBP (Confirmation)	39			%	5	07/10/20	SC	30 - 150 %
% TCMX	61			%	5	07/10/20	SC	30 - 150 %
% TCMX (Confirmation)	64			%	5	07/10/20	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/10/20	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/10/20	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	07/10/20	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acetone	3.0	JS	5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/10/20	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
m&p-Xylene	0.32	J	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/10/20	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/10/20	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tetrachloroethene	0.30	J	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	07/10/20	MH	70 - 130 %	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
% Bromofluorobenzene	96			%	1	07/10/20	MH	70 - 130 %	
% Dibromofluoromethane	92			%	1	07/10/20	MH	70 - 130 %	
% Toluene-d8	99			%	1	07/10/20	MH	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tert-butyl alcohol	ND	50	10	ug/L	1	07/10/20	MH	SW8260C	
Client MS/MSD	Completed					07/10/20			
1,4-dioxane									
1,4-dioxane	ND	0.20	0.20	ug/l	1	07/09/20	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	71			%	1	07/09/20	AW	30 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	07/11/20	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	5.1	1.5	ug/L	1	07/11/20	WB	SW8270D	
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
1,2-Diphenylhydrazine	ND	5.1	1.6	ug/L	1	07/11/20	WB	SW8270D	
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	07/11/20	WB	SW8270D	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D	
2-Chloronaphthalene	ND	5.1	1.4	ug/L	1	07/11/20	WB	SW8270D	
2-Chlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2-Methylnaphthalene	ND	5.1	1.5	ug/L	1	07/11/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2-Nitroaniline	ND	5.0	2.0	ug/L	1	07/11/20	WB	SW8270D	
2-Nitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	07/11/20	WB	SW8270D	
3-Nitroaniline	ND	5.0	2.0	ug/L	1	07/11/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	5.1	1.5	ug/L	1	07/11/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
4-Chloroaniline	ND	3.5	2.4	ug/L	1	07/11/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.1	1.7	ug/L	1	07/11/20	WB	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	07/11/20	WB	SW8270D	
4-Nitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
Acenaphthene	ND	5.1	1.5	ug/L	1	07/11/20	WB	SW8270D	
Acetophenone	ND	5.1	1.6	ug/L	1	07/11/20	WB	SW8270D	
Aniline	ND	3.5	3.5	ug/L	1	07/11/20	WB	SW8270D	
Anthracene	ND	5.1	1.7	ug/L	1	07/11/20	WB	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Benzidine	ND	4.5	3.0	ug/L	1	07/11/20	WB	SW8270D
Benzoic acid	ND	25	10	ug/L	1	07/11/20	WB	SW8270D
Benzyl butyl phthalate	ND	5.1	1.3	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.1	1.4	ug/L	1	07/11/20	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Carbazole	ND	5.1	3.8	ug/L	1	07/11/20	WB	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D
Diethyl phthalate	ND	5.1	1.6	ug/L	1	07/11/20	WB	SW8270D
Dimethylphthalate	ND	5.1	1.6	ug/L	1	07/11/20	WB	SW8270D
Di-n-butylphthalate	ND	5.1	1.3	ug/L	1	07/11/20	WB	SW8270D
Di-n-octylphthalate	ND	5.1	1.3	ug/L	1	07/11/20	WB	SW8270D
Fluoranthene	ND	5.1	1.6	ug/L	1	07/11/20	WB	SW8270D
Fluorene	ND	5.1	1.7	ug/L	1	07/11/20	WB	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D
Hexachloroethane	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Isophorone	ND	5.1	1.4	ug/L	1	07/11/20	WB	SW8270D
Naphthalene	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	5.1	1.6	ug/L	1	07/11/20	WB	SW8270D
N-Nitrosodiphenylamine	ND	5.1	1.9	ug/L	1	07/11/20	WB	SW8270D
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	07/11/20	WB	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Pyrene	ND	5.1	1.7	ug/L	1	07/11/20	WB	SW8270D
Pyridine	ND	10	1.2	ug/L	1	07/11/20	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	88			%	1	07/11/20	WB	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	07/11/20	WB	30 - 130 %
% 2-Fluorophenol	44			%	1	07/11/20	WB	15 - 110 %
% Nitrobenzene-d5	71			%	1	07/11/20	WB	30 - 130 %
% Phenol-d5	52			%	1	07/11/20	WB	15 - 110 %
% Terphenyl-d14	76			%	1	07/11/20	WB	30 - 130 %

Semivolatiles

Acenaphthylene	ND	0.51	0.51	ug/L	1	07/10/20	PS	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	07/10/20	PS	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	PS	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	PS	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.51	0.51	ug/L	1	07/10/20	PS	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	PS	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	07/10/20	PS	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.51	0.51	ug/L	1	07/10/20	PS	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	07/10/20	PS	SW8270D (SIM)
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	07/10/20	PS	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	PS	SW8270D (SIM)
Nitrobenzene	ND	0.40	0.40	ug/L	1	07/10/20	PS	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	07/10/20	PS	SW8270D (SIM)
Pentachlorophenol	ND	0.61	0.61	ug/L	1	07/10/20	PS	SW8270D (SIM)
Phenanthrene	ND	0.51	0.51	ug/L	1	07/10/20	PS	SW8270D (SIM)
QA/QC Surrogates								

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% 2,4,6-Tribromophenol	105			%	1	07/10/20	PS	15 - 110 %
% 2-Fluorobiphenyl	64			%	1	07/10/20	PS	30 - 130 %
% 2-Fluorophenol	51			%	1	07/10/20	PS	15 - 110 %
% Nitrobenzene-d5	70			%	1	07/10/20	PS	30 - 130 %
% Phenol-d5	62			%	1	07/10/20	PS	15 - 110 %
% Terphenyl-d14	84			%	1	07/10/20	PS	30 - 130 %
Extraction for 1,4-Dioxane	Completed					07/08/20	S/S	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

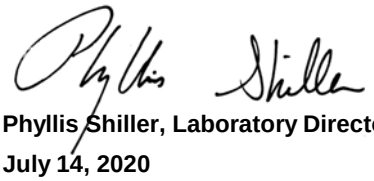
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the affected compounds.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 14, 2020
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TB	07/06/20	
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG28447
Phoenix ID: CG28450

Project ID: 428 RODNEY ST BK
Client ID: GW DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum	0.714		0.020	0.0024	mg/L	1	07/08/20	TH	SW6010D
Arsenic - LDL	0.002	J	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium	0.036		0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium	ND		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium	131		0.010	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium	ND		0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt	0.001	J	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium	0.040		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper	0.017		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Aluminum (Dissolved)	0.046		0.011	0.0026	mg/L	1	07/08/20	CPP	SW6010D
Arsenic, (Dissolved)	0.002	J	0.003	0.001	mg/L	1	07/08/20	CPP	SW6010D
Barium (Dissolved)	0.031		0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Calcium (Dissolved)	128		0.01	0.003	mg/L	1	07/08/20	CPP	SW6010D
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	07/08/20	CPP	SW6010D
Cobalt, (Dissolved)	ND		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Chromium (Dissolved)	0.036		0.001	0.001	mg/L	1	07/08/20	CPP	SW6010D
Copper, (Dissolved)	0.013		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Iron, (Dissolved)	ND		0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	07/09/20	RS	SW7470A
Potassium (Dissolved)	41.4		0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D
Magnesium (Dissolved)	18.1		0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D
Manganese, (Dissolved)	0.008		0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D
Sodium (Dissolved)	58.9		1.1	1.1	mg/L	10	07/09/20	TH	SW6010D
Nickel, (Dissolved)	0.002	J	0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D
Lead (Dissolved)	ND		0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D

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Project ID: 428 RODNEY ST BK
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Phoenix I.D.: CG28450

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Antimony (Dissolved)-LDL	0.0030	0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Selenium (Dissolved)-LDL	0.007	0.002	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	07/08/20	CPP	SW6020B	
Vanadium, (Dissolved)	0.002	J 0.011	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc, (Dissolved)	0.007	J 0.011	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Iron	1.17	0.01	0.01	mg/L	1	07/08/20	CPP	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	07/08/20	RS	SW7470A	
Potassium	41.5	0.1	0.1	mg/L	1	07/08/20	CPP	SW6010D	
Magnesium	18.9	0.010	0.01	mg/L	1	07/08/20	CPP	SW6010D	
Manganese	0.026	0.005	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Sodium	58.2	1.0	1.0	mg/L	10	07/09/20	TH	SW6010D	
Nickel	0.003	J 0.004	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Lead	0.002	0.002	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Antimony	0.0033	0.0030	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Selenium	0.009	J 0.010	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Thallium	ND	0.0005	0.0005	mg/L	5	07/08/20	CPP	SW6020B	
Vanadium	0.004	J 0.010	0.001	mg/L	1	07/08/20	CPP	SW6010D	
Zinc	0.015	0.010	0.002	mg/L	1	07/08/20	CPP	SW6010D	
Filtration	Completed					07/07/20	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
Mercury Digestion	Completed					07/08/20	D/D	SW7470A	
PCB Extraction (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Extraction for Pest (LDL)	Completed					07/08/20	AT/AT	SW3510C	
Semi-Volatile Extraction	Completed					07/08/20	P/AK	SW3520C	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Dissolved Metals Preparation	Completed					07/07/20	AG	SW3005A	
Total Metals Digestion	Completed					07/07/20	AG		
Total Metals Digestion MS	Completed					07/07/20	AG		

Pesticides

4,4' -DDD	ND	0.024	0.024	ug/L	5	07/10/20	AW	SW8081B	
4,4' -DDE	ND	0.024	0.024	ug/L	5	07/10/20	AW	SW8081B	
4,4' -DDT	ND	0.024	0.024	ug/L	5	07/10/20	AW	SW8081B	
a-BHC	ND	0.024	0.024	ug/L	5	07/10/20	AW	SW8081B	
a-chlordane	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	
Alachlor	ND	0.36	0.36	ug/L	5	07/10/20	AW	SW8081B	1
Aldrin	ND	0.007	0.007	ug/L	5	07/10/20	AW	SW8081B	
b-BHC	ND	0.024	0.024	ug/L	5	07/10/20	AW	SW8081B	
Chlordane	ND	0.24	0.24	ug/L	5	07/10/20	AW	SW8081B	
d-BHC	ND	0.024	0.024	ug/L	5	07/10/20	AW	SW8081B	
Dieldrin	ND	0.007	0.007	ug/L	5	07/10/20	AW	SW8081B	
Endosulfan I	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	
Endosulfan II	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	
Endosulfan Sulfate	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	
Endrin	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	
Endrin Aldehyde	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	
Endrin ketone	ND	0.50	0.50	ug/L	5	07/10/20	AW	SW8081B	
g-BHC (Lindane)	ND	0.024	0.024	ug/L	5	07/10/20	AW	SW8081B	
g-chlordane	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	
Heptachlor	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B	

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Heptachlor epoxide	ND	0.048	0.048	ug/L	5	07/10/20	AW	SW8081B
Methoxychlor	ND	0.48	0.48	ug/L	5	07/10/20	AW	SW8081B
Toxaphene	ND	0.97	0.97	ug/L	5	07/10/20	AW	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	136			%	5	07/10/20	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	58			%	5	07/10/20	AW	30 - 150 %
%TCMX (Surrogate Rec)	82			%	5	07/10/20	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	81			%	5	07/10/20	AW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	0.56	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1221	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1232	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1242	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1248	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1254	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1260	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1262	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
PCB-1268	ND	0.24	0.24	ug/L	5	07/10/20	SC	SW8082A
QA/QC Surrogates								
% DCBP	39			%	5	07/10/20	SC	30 - 150 %
% DCBP (Confirmation)	47			%	5	07/10/20	SC	30 - 150 %
% TCMX	54			%	5	07/10/20	SC	30 - 150 %
% TCMX (Confirmation)	57			%	5	07/10/20	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/11/20	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/11/20	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/11/20	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/11/20	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	07/11/20	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C

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Phoenix I.D.: CG28450

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/11/20	MH	SW8260C	
Acetone	3.3	JS	5.0	2.5	ug/L	1	07/11/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/11/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/11/20	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	07/11/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/11/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/11/20	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/11/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/11/20	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/11/20	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Tetrachloroethene	0.30	J	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/11/20	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/11/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/11/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	07/11/20	MH	70 - 130 %	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
% Bromofluorobenzene	95			%	1	07/11/20	MH	70 - 130 %	
% Dibromofluoromethane	93			%	1	07/11/20	MH	70 - 130 %	
% Toluene-d8	100			%	1	07/11/20	MH	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	07/11/20	MH	SW8260C	
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/11/20	MH	SW8260C	
Tert-butyl alcohol	ND	50	10	ug/L	1	07/11/20	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.20	0.20	ug/l	1	07/09/20	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	63			%	1	07/09/20	AW	30 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	07/11/20	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D	
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D	
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	07/11/20	WB	SW8270D	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	07/11/20	WB	SW8270D	
2-Chlorophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
2-Nitroaniline	ND	5.0	2.0	ug/L	1	07/11/20	WB	SW8270D	
2-Nitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	07/11/20	WB	SW8270D	
3-Nitroaniline	ND	5.0	2.0	ug/L	1	07/11/20	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
4-Chloroaniline	ND	3.5	2.3	ug/L	1	07/11/20	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	07/11/20	WB	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	07/11/20	WB	SW8270D	
4-Nitrophenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D	
Acenaphthene	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D	
Acetophenone	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D	
Aniline	ND	3.5	3.5	ug/L	1	07/11/20	WB	SW8270D	
Anthracene	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D	
Benzidine	ND	4.5	2.9	ug/L	1	07/11/20	WB	SW8270D	

Project ID: 428 RODNEY ST BK
Client ID: GW DUPLICATE

Phoenix I.D.: CG28450

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
Benzoic acid	ND	25	10	ug/L	1	07/11/20	WB	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	07/11/20	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	07/11/20	WB	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	07/11/20	WB	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	07/11/20	WB	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	07/11/20	WB	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	07/11/20	WB	SW8270D
Hexachloroethane	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	07/11/20	WB	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	07/11/20	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	07/11/20	WB	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	07/11/20	WB	SW8270D
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	07/11/20	WB	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	07/11/20	WB	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	07/11/20	WB	SW8270D
Pyridine	ND	10	1.2	ug/L	1	07/11/20	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	105			%	1	07/11/20	WB	15 - 110 %
% 2-Fluorobiphenyl	78			%	1	07/11/20	WB	30 - 130 %
% 2-Fluorophenol	49			%	1	07/11/20	WB	15 - 110 %
% Nitrobenzene-d5	76			%	1	07/11/20	WB	30 - 130 %
% Phenol-d5	54			%	1	07/11/20	WB	15 - 110 %
% Terphenyl-d14	85			%	1	07/11/20	WB	30 - 130 %

Semivolatiles

Acenaphthylene	ND	0.50	0.50	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.50	0.50	ug/L	1	07/10/20	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.50	0.50	ug/L	1	07/10/20	WB	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	07/10/20	WB	SW8270D (SIM)
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	07/10/20	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	07/10/20	WB	SW8270D (SIM)
Nitrobenzene	ND	0.40	0.40	ug/L	1	07/10/20	WB	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	07/10/20	WB	SW8270D (SIM)
Pentachlorophenol	0.59	0.50	0.50	ug/L	1	07/10/20	WB	SW8270D (SIM)
Phenanthrene	ND	0.50	0.50	ug/L	1	07/10/20	WB	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	108			%	1	07/10/20	WB	15 - 110 %

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: GW DUPLICATE

Phoenix I.D.: CG28450

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% 2-Fluorobiphenyl	63			%	1	07/10/20	WB	30 - 130 %
% 2-Fluorophenol	57			%	1	07/10/20	WB	15 - 110 %
% Nitrobenzene-d5	76			%	1	07/10/20	WB	30 - 130 %
% Phenol-d5	70			%	1	07/10/20	WB	15 - 110 %
% Terphenyl-d14	82			%	1	07/10/20	WB	30 - 130 %
Extraction for 1,4-Dioxane	Completed					07/08/20	S/S	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the affected compounds.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

July 14, 2020

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2020

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TB	07/06/20	
Location Code:	EBC	Received by:	B	07/07/20	15:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG28447
Phoenix ID: CG28451

Project ID: 428 RODNEY ST BK
Client ID: TB

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/10/20	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/10/20	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	

Project ID: 428 RODNEY ST BK
Client ID: TB

Phoenix I.D.: CG28451

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	8.6	S	5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Carbon Disulfide	0.84	J	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/10/20	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/10/20	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/10/20	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/10/20	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/10/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/10/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/10/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	07/10/20	MH	70 - 130 %	
% Bromofluorobenzene	92				%	1	07/10/20	MH	70 - 130 %	
% Dibromofluoromethane	96				%	1	07/10/20	MH	70 - 130 %	

Ver 1

Project ID: 428 RODNEY ST BK
Client ID: TB

Phoenix I.D.: CG28451

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8	103			%	1	07/10/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/10/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/10/20	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/10/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/10/20	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/10/20	MH	SW8260C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 14, 2020
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Tuesday, July 14, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG28447 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG28447	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	9.6	1.0	5	5	ug/L
CG28447	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	82	5.0	5	5	ug/L
CG28447	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	56	5.0	5	5	ug/L
CG28447	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	27	1.0	5	5	ug/L
CG28447	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	12	0.70	0.7	0.7	ug/L
CG28447	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CG28447	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	12	0.70	1	1	ug/L
CG28447	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG28447	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	27	1.0	5	5	ug/L
CG28447	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG28447	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	56	5.0	5	5	ug/L
CG28447	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	52	5.0	5	5	ug/L
CG28447	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	82	5.0	5	5	ug/L
CG28447	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG28447	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	7.8	1.0	5	5	ug/L
CG28447	$DP8270-SIMF	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	1.3	0.96	1	1	ug/L
CG28447	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28447	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28447	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.21	0.06	0.06	ug/L
CG28447	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	79.9	0.20	0.1	0.1	mg/L
CG28447	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.004	0.001	0.003	0.003	mg/L
CG28447	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.150	0.001	0.05	0.05	mg/L
CG28447	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.583	0.005	0.3	0.3	mg/L
CG28447	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	156	11	20	20	mg/L
CG28447	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	135	0.10	0.3	0.3	mg/L
CG28447	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.63	0.005	0.3	0.3	mg/L
CG28447	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	165	1.0	20	20	mg/L
CG28447	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.060	0.002	0.025	0.025	mg/L
CG28447	TL-WM-MS	Thallium	NY / TOGS - Water Quality / GA Criteria	0.0009	0.0005	0.0005	0.0005	mg/L
CG28448	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG28448	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG28448	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L

Tuesday, July 14, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG28447 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG28448	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28448	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28448	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.19	0.06	0.06	ug/L
CG28448	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	10.7	0.020	0.1	0.1	mg/L
CG28448	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.84	0.005	0.3	0.3	mg/L
CG28448	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	44.6	0.11	20	20	mg/L
CG28448	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	35.6	0.01	0.3	0.3	mg/L
CG28448	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	2.26	0.050	0.3	0.3	mg/L
CG28448	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	45.8	0.10	20	20	mg/L
CG28449	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG28449	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG28449	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG28449	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28449	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28449	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
CG28449	$PCB_WMLDL	PCB-1254	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1260	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1248	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1242	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1221	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1016	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.66	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1232	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1232	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L

Tuesday, July 14, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG28447 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG28449	$PCB_WMLDL	PCB-1221	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1242	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1248	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1016	NY / TOGS - Water Quality / GA Criteria	0.66	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1254	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
CG28449	$PCB_WMLDL	PCB-1260	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
CG28449	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	1.04	0.020	0.1	0.1	mg/L
CG28449	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	57.2	1.1	20	20	mg/L
CG28449	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	1.55	0.01	0.3	0.3	mg/L
CG28449	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	57.7	1.0	20	20	mg/L
CG28449	SB-WM-MS	Antimony	NY / TOGS - Water Quality / GA Criteria	0.0033	0.0030	0.003	0.003	mg/L
CG28450	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG28450	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG28450	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG28450	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28450	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CG28450	$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.048	0.01	0.01	ug/L
CG28450	$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.048	0.01	0.01	ug/L
CG28450	$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.048	0.01	0.01	ug/L
CG28450	$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.24	0.1	0.1	ug/L
CG28450	$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.024	0.01	0.01	ug/L
CG28450	$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.024	0.01	0.01	ug/L
CG28450	$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.024	0.01	0.01	ug/L
CG28450	$DPPEST_GA	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.048	0.04	0.04	ug/L
CG28450	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.97	0.06	0.06	ug/L
CG28450	$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.024	0.01	0.01	ug/L
CG28450	$DPPEST_GA	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.048	0.03	0.03	ug/L
CG28450	$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.007	0.004	0.004	ug/L
CG28450	$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.05	0.05	ug/L
CG28450	$PCB_WMLDL	PCB-1248	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1221	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1260	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.24	0.09	0.09	ug/L

Tuesday, July 14, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG28447 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG28450	$PCB_WMLDL	PCB-1232	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1242	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1254	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1016	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.56	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1260	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1254	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1248	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1242	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1232	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1016	NY / TOGS - Water Quality / GA Criteria	0.56	0.24	0.09	0.09	ug/L
CG28450	$PCB_WMLDL	PCB-1221	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.09	0.09	ug/L
CG28450	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.714	0.020	0.1	0.1	mg/L
CG28450	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	58.9	1.1	20	20	mg/L
CG28450	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	1.17	0.01	0.3	0.3	mg/L
CG28450	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	58.2	1.0	20	20	mg/L
CG28450	SB-WM-MS	Antimony	NY / TOGS - Water Quality / GA Criteria	0.0033	0.0030	0.003	0.003	mg/L
CG28451	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG28451	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG28451	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 14, 2020

SDG I.D.: GCG28447

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

Temp 1.7 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone: 631-504-6000
☒ Email: [illegible]

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 428 Rodney St. BK
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: TONY BALADO Date: 7-6-20

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260B	SVOCs 8270 SIM	Pesticides/PCBs 8081/8082	Total TAL metals 6010	Dissolved TAL metals 6010	1,4-Dioxane 8270 Sim	GL Amber 9 oz Nalgene	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
28447	428-mw1	GW	7/6	10:59	X	X	X	X	X	X	1				3	3	1		1		
28448	428-mw2	GW	7/6	9:57	X	X	X	X	X	X	1				3	3	1		1		
28449	428-mw3	GW	7/6	7:52	X	X	X	X	X	X	3				9	9	3		3		
28450	GW Duplicate	GW	7/6	—	X	X	X	X	X	X	1				3	3	1		1		
28451	TB	GW	—	—	X										2						

Relinquished by:	Accepted by:	Date:	Time:
		7-7-20	12:15
		7-7-20	15:42

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☑ Excel
☑ PDF
☐ GIS/Key
☑ EQuIS
☐ NJ Hazsite EDD
☑ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

Comments, Special Requirements or Regulations:
MS/MSD on 428-mw3

State where samples were collected: NY

PEL 164 REV. 5/2020

APPENDIX - F

Laboratory Reports - Alpha

ANALYTICAL REPORT

Lab Number:	L2028215
Client:	Environmental Business Consultants Inc 1808 Middle Country Road Ridge, NY 11961
ATTN:	Kevin Brussee
Phone:	(631) 504-6000
Project Name:	428 RODNEY ST. BROOKLYN
Project Number:	TGA1902
Report Date:	07/16/20

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902

Lab Number: L2028215
Report Date: 07/16/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2028215-01	428-B1 (0-2)	SOIL	Not Specified	07/03/20 08:17	07/06/20
L2028215-02	428-B1 (10-12)	SOIL	Not Specified	07/03/20 08:35	07/06/20
L2028215-03	428-B2 (0-2)	SOIL	Not Specified	07/03/20 07:43	07/06/20
L2028215-04	428-B2 (10-12)	SOIL	Not Specified	07/03/20 07:56	07/06/20
L2028215-05	428-B3 (0-2)	SOIL	Not Specified	07/03/20 07:13	07/06/20
L2028215-06	428-B3 (10-12)	SOIL	Not Specified	07/03/20 07:19	07/06/20
L2028215-07	428-B4 (0-2)	SOIL	Not Specified	07/03/20 08:47	07/06/20
L2028215-08	428-B4 (10-12)	SOIL	Not Specified	07/03/20 09:03	07/06/20
L2028215-09	428-B5 (0-2)	SOIL	Not Specified	07/03/20 07:31	07/06/20
L2028215-10	428-B5 (10-12)	SOIL	Not Specified	07/03/20 07:39	07/06/20
L2028215-11	SOIL DUPLICATE	SOIL	Not Specified	07/03/20 00:00	07/06/20
L2028215-12	428-MW1	WATER	Not Specified	07/06/20 10:59	07/06/20
L2028215-13	428-MW2	WATER	Not Specified	07/06/20 09:57	07/06/20
L2028215-14	428-MW3	WATER	Not Specified	07/06/20 07:52	07/06/20
L2028215-15	GW DUPLICATE	WATER	Not Specified	07/06/20 00:00	07/06/20
L2028215-16	TRIP BLANK	WATER	Not Specified	07/02/20 00:00	07/06/20
L2028215-17	EQ BLANK (CUTTING SHOE)	WATER	Not Specified	07/03/20 06:45	07/06/20
L2028215-18	EQ BLANK (TUBING)	WATER	Not Specified	07/06/20 07:10	07/06/20
L2028215-19	FIELD BLANK 1	WATER	Not Specified	07/03/20 07:00	07/06/20
L2028215-20	FIELD BLANK 2	WATER	Not Specified	07/06/20 09:00	07/06/20

Project Name:	428 RODNEY ST. BROOKLYN	**Lab Number:**	L2028215
Project Number:	TGA1902	**Report Date:**	07/16/20

Case Narrative

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

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

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

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

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

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

Project Name:	428 RODNEY ST. BROOKLYN	**Lab Number:**	L2028215
Project Number:	TGA1902	**Report Date:**	07/16/20

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2028215-20: The sample identified as "FIELD BLANK 2" on the chain of custody was identified as "FIELD BLANK" on the container label. At the client's request, the sample is reported as "FIELD BLANK 2".

Perfluorinated Alkyl Acids by Isotope Dilution

L2028215-01, -02, -03, -04, -05, -06, -07, -08, -09, -11, -14, and -15: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2028215-01: The reporting limit was elevated for Perfluorooctanesulfonamide (FOSA) due to low recovery of the extracted internal standard Perfluoro[13C8]Octanesulfonamide (M8FOSA). The low recovery was attributed to the sample matrix.

The WG1389851-2 LCS recovery, associated with L2028215-01 through -11, is above the acceptance criteria for perfluorodecanesulfonic acid (pfds) (136%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

WG1389851-4, WG1389851-5, WG1390722-4, and WG1390722-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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

Authorized Signature: Elizabeth Porta

Title: Technical Director/Representative Date: 07/16/20

ORGANICS

SEMIVOLATILES

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-01
Client ID: 428-B1 (0-2)
Sample Location: Not Specified

Date Collected: 07/03/20 08:17
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 22:39
Analyst: JW
Percent Solids: 84%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.041	J	ug/kg	0.542	0.025	1
Perfluoropentanoic Acid (PFPeA)	0.086	J	ug/kg	0.542	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.542	0.042	1
Perfluorohexanoic Acid (PFHxA)	0.079	J	ug/kg	0.542	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.542	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.542	0.066	1
Perfluorooctanoic Acid (PFOA)	0.174	J	ug/kg	0.542	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.542	0.195	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.542	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.542	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	0.312	J	ug/kg	0.542	0.141	1
Perfluorodecanoic Acid (PFDA)	0.077	J	ug/kg	0.542	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.542	0.311	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.542	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.542	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.542	0.166	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	5.00	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.542	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.542	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.542	0.222	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.542	0.059	1
PFOA/PFOS, Total	0.486	J	ug/kg	0.542	0.045	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-01 Date Collected: 07/03/20 08:17

Client ID: 428-B1 (0-2) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	63		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	65		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	77		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**60**	Q	61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	67		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	69		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	63		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	78		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	71		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	68		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**16**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	79		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**0**	Q	1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**18**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**23**	Q	26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-02
Client ID: 428-B1 (10-12)
Sample Location: Not Specified

Date Collected: 07/03/20 08:35
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 22:56
Analyst: JW
Percent Solids: 68%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.696	0.032	1
Perfluoropentanoic Acid (PFPeA)	0.070	J	ug/kg	0.696	0.064	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.696	0.054	1
Perfluorohexanoic Acid (PFHxA)	0.130	J	ug/kg	0.696	0.073	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.696	0.063	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.696	0.084	1
Perfluorooctanoic Acid (PFOA)	0.148	J	ug/kg	0.696	0.058	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.696	0.250	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.696	0.190	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.696	0.104	1
Perfluorooctanesulfonic Acid (PFOS)	0.229	J	ug/kg	0.696	0.181	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.696	0.093	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.696	0.400	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.696	0.280	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.696	0.065	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.696	0.213	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.696	0.136	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.696	0.118	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.696	0.098	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.696	0.285	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.696	0.075	1
PFOA/PFOS, Total	0.377	J	ug/kg	0.696	0.058	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-02 Date Collected: 07/03/20 08:35

Client ID: 428-B1 (10-12) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	74		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**44**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	2		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	53		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-03
Client ID: 428-B2 (0-2)
Sample Location: Not Specified

Date Collected: 07/03/20 07:43
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 23:12
Analyst: JW
Percent Solids: 83%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.075	J	ug/kg	0.535	0.024	1
Perfluoropentanoic Acid (PFPeA)	0.109	J	ug/kg	0.535	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.535	0.042	1
Perfluorohexanoic Acid (PFHxA)	0.117	J	ug/kg	0.535	0.056	1
Perfluoroheptanoic Acid (PFHpA)	0.061	J	ug/kg	0.535	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.535	0.065	1
Perfluorooctanoic Acid (PFOA)	0.303	J	ug/kg	0.535	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.535	0.192	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.535	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.535	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	0.376	J	ug/kg	0.535	0.139	1
Perfluorodecanoic Acid (PFDA)	0.073	J	ug/kg	0.535	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.535	0.307	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.535	0.216	1
Perfluoroundecanoic Acid (PFUnA)	0.056	J	ug/kg	0.535	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.535	0.164	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.535	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.535	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.535	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.535	0.219	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.535	0.058	1
PFOA/PFOS, Total	0.679	J	ug/kg	0.535	0.045	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-03 Date Collected: 07/03/20 07:43

Client ID: 428-B2 (0-2) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	**50**	Q	60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**52**	Q	65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**67**	Q	70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**49**	Q	61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**56**	Q	62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	69		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**57**	Q	62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	55		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**55**	Q	61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**62**	Q	65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**59**	Q	65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	54		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**13**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**63**	Q	64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**13**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**55**	Q	56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**8**	Q	26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-04
Client ID: 428-B2 (10-12)
Sample Location: Not Specified

Date Collected: 07/03/20 07:56
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 23:29
Analyst: JW
Percent Solids: 67%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.702	0.032	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.702	0.065	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.702	0.055	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.702	0.074	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.702	0.063	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.702	0.085	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.702	0.059	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.702	0.252	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.702	0.192	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.702	0.105	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.702	0.183	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.702	0.094	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.702	0.403	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.702	0.283	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.702	0.066	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.702	0.215	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.702	0.138	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.702	0.119	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.702	0.098	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.702	0.287	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.702	0.076	1
PFOA/PFOS, Total	ND		ug/kg	0.702	0.059	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-04 Date Collected: 07/03/20 07:56

Client ID: 428-B2 (10-12) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	**36**	Q	60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**38**	Q	65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**36**	Q	61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**43**	Q	62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**45**	Q	62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	78		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**49**	Q	61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**53**	Q	65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**29**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	64		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**29**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	62		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**12**	Q	26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-05
Client ID: 428-B3 (0-2)
Sample Location: Not Specified

Date Collected: 07/03/20 07:13
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/20 00:35
Analyst: JW
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.517	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.517	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.517	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.517	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.517	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.517	0.063	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.517	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.517	0.185	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.517	0.141	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.517	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.517	0.134	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.517	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.517	0.296	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.517	0.208	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.517	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.517	0.158	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.517	0.101	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.517	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.517	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.517	0.211	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.517	0.056	1
PFOA/PFOS, Total	ND		ug/kg	0.517	0.043	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-05 Date Collected: 07/03/20 07:13

Client ID: 428-B3 (0-2) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	79		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**39**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	44		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49		26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-06
Client ID: 428-B3 (10-12)
Sample Location: Not Specified

Date Collected: 07/03/20 07:19
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/20 00:52
Analyst: JW
Percent Solids: 82%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.538	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.538	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.538	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.538	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.538	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.538	0.065	1
Perfluorooctanoic Acid (PFOA)	0.065	J	ug/kg	0.538	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.538	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.538	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.538	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.538	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.538	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.538	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.538	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.538	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.538	0.164	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.538	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.538	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.538	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.538	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.538	0.058	1
PFOA/PFOS, Total	0.065	J	ug/kg	0.538	0.045	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-06 Date Collected: 07/03/20 07:19

Client ID: 428-B3 (10-12) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	75		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	80		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	69		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	78		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	77		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**28**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**19**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**4**	Q	26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-07
Client ID: 428-B4 (0-2)
Sample Location: Not Specified

Date Collected: 07/03/20 08:47
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/20 01:08
Analyst: JW
Percent Solids: 82%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.575	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.575	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.575	0.045	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.575	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.575	0.052	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.575	0.070	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.575	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.575	0.206	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.575	0.157	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.575	0.086	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.575	0.149	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.575	0.077	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.575	0.330	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.575	0.232	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.575	0.054	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.575	0.176	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.575	0.113	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.575	0.097	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.575	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.575	0.235	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.575	0.062	1
PFOA/PFOS, Total	ND		ug/kg	0.575	0.048	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-07 Date Collected: 07/03/20 08:47

Client ID: 428-B4 (0-2) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	64		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	74		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**16**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	4		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**18**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	53		26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-08
Client ID: 428-B4 (10-12)
Sample Location: Not Specified

Date Collected: 07/03/20 09:03
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/20 01:25
Analyst: JW
Percent Solids: 68%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.649	0.029	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.649	0.060	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.649	0.051	1
Perfluorohexanoic Acid (PFHxA)	0.079	J	ug/kg	0.649	0.068	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.649	0.059	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.649	0.079	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.649	0.054	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.649	0.233	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.649	0.177	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.649	0.097	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.649	0.169	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.649	0.087	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.649	0.372	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.649	0.261	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.649	0.061	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.649	0.198	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.649	0.127	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.649	0.110	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.649	0.091	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.649	0.265	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.649	0.070	1
PFOA/PFOS, Total	ND		ug/kg	0.649	0.054	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-08 Date Collected: 07/03/20 09:03

Client ID: 428-B4 (10-12) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	**39**	Q	60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**43**	Q	65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**44**	Q	61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**55**	Q	62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	62		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	77		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	65		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	72		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	86		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	48		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**41**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**20**	Q	26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-09
Client ID: 428-B5 (0-2)
Sample Location: Not Specified

Date Collected: 07/03/20 07:31
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/20 01:41
Analyst: JW
Percent Solids: 81%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.059	J	ug/kg	0.588	0.027	1
Perfluoropentanoic Acid (PFPeA)	0.105	J	ug/kg	0.588	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.588	0.046	1
Perfluorohexanoic Acid (PFHxA)	0.103	J	ug/kg	0.588	0.062	1
Perfluoroheptanoic Acid (PFHpA)	0.055	J	ug/kg	0.588	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.588	0.071	1
Perfluorooctanoic Acid (PFOA)	0.248	J	ug/kg	0.588	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.588	0.211	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.588	0.161	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.588	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	0.364	J	ug/kg	0.588	0.153	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.588	0.079	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.588	0.338	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.588	0.237	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.588	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.588	0.180	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.588	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.588	0.100	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.588	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.588	0.241	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.588	0.064	1
PFOA/PFOS, Total	0.612	J	ug/kg	0.588	0.049	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-09 Date Collected: 07/03/20 07:31

Client ID: 428-B5 (0-2) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	71		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	71		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	67		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	69		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**34**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	5		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**34**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**13**	Q	26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-10
Client ID: 428-B5 (10-12)
Sample Location: Not Specified

Date Collected: 07/03/20 07:39
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/20 01:58
Analyst: JW
Percent Solids: 78%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.587	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.587	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.587	0.046	1
Perfluorohexanoic Acid (PFHxA)	0.078	J	ug/kg	0.587	0.062	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.587	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.587	0.071	1
Perfluorooctanoic Acid (PFOA)	0.154	J	ug/kg	0.587	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.587	0.211	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.587	0.160	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.587	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	0.544	J	ug/kg	0.587	0.152	1
Perfluorodecanoic Acid (PFDA)	0.141	J	ug/kg	0.587	0.079	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.587	0.337	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.587	0.236	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.587	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.587	0.180	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.587	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.587	0.099	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.587	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.587	0.240	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.587	0.063	1
PFOA/PFOS, Total	0.698	J	ug/kg	0.587	0.049	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-10 Date Collected: 07/03/20 07:39

Client ID: 428-B5 (10-12) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	73		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	86		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	58		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	32		26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-11
Client ID: SOIL DUPLICATE
Sample Location: Not Specified

Date Collected: 07/03/20 00:00
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/20 02:14
Analyst: JW
Percent Solids: 84%

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.049	J	ug/kg	0.558	0.025	1
Perfluoropentanoic Acid (PFPeA)	0.082	J	ug/kg	0.558	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.558	0.044	1
Perfluorohexanoic Acid (PFHxA)	0.085	J	ug/kg	0.558	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.558	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.558	0.068	1
Perfluorooctanoic Acid (PFOA)	0.225	J	ug/kg	0.558	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.558	0.200	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.558	0.152	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.558	0.084	1
Perfluorooctanesulfonic Acid (PFOS)	0.290	J	ug/kg	0.558	0.145	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.558	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.558	0.320	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.558	0.225	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.558	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.558	0.171	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.558	0.109	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.558	0.094	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.558	0.078	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.558	0.228	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.558	0.060	1
PFOA/PFOS, Total	0.515	J	ug/kg	0.558	0.047	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-11 Date Collected: 07/03/20 00:00

Client ID: SOIL DUPLICATE Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	**47**	Q	60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**49**	Q	65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**62**	Q	70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**46**	Q	61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**53**	Q	62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	67		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**53**	Q	62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	49		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**52**	Q	61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**58**	Q	65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**53**	Q	65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	48		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**8**	Q	45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**56**	Q	64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	2		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**10**	Q	42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**49**	Q	56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**13**	Q	26-160

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-12
Client ID: 428-MW1
Sample Location: Not Specified

Date Collected: 07/06/20 10:59
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 18:14
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	22.5		ng/l	2.01	0.410	1
Perfluoropentanoic Acid (PFPeA)	39.5		ng/l	2.01	0.398	1
Perfluorobutanesulfonic Acid (PFBS)	9.43		ng/l	2.01	0.239	1
Perfluorohexanoic Acid (PFHxA)	35.9		ng/l	2.01	0.329	1
Perfluoroheptanoic Acid (PFHpA)	22.7		ng/l	2.01	0.226	1
Perfluorohexanesulfonic Acid (PFHxS)	11.7	F	ng/l	2.01	0.378	1
Perfluorooctanoic Acid (PFOA)	45.8		ng/l	2.01	0.237	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	56.3		ng/l	2.01	1.34	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.01	0.691	1
Perfluorononanoic Acid (PFNA)	1.82	J	ng/l	2.01	0.313	1
Perfluorooctanesulfonic Acid (PFOS)	15.6		ng/l	2.01	0.506	1
Perfluorodecanoic Acid (PFDA)	3.02		ng/l	2.01	0.305	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.01	1.22	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.940	J	ng/l	2.01	0.651	1
Perfluoroundecanoic Acid (PFUnA)	0.374	J	ng/l	2.01	0.261	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.01	0.984	1
Perfluorooctanesulfonamide (FOSA)	1.42	JF	ng/l	2.01	0.582	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	3.98	F	ng/l	2.01	0.807	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.01	0.374	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.01	0.328	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.01	0.249	1
PFOA/PFOS, Total	61.4		ng/l	2.01	0.237	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-12 Date Collected: 07/06/20 10:59

Client ID: 428-MW1 Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	64		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	83		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	60		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	201		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	153		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		33-143

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-13
Client ID: 428-MW2
Sample Location: Not Specified

Date Collected: 07/06/20 09:57
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 18:31
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.7		ng/l	2.45	0.501	1
Perfluoropentanoic Acid (PFPeA)	24.8		ng/l	2.45	0.486	1
Perfluorobutanesulfonic Acid (PFBS)	7.96		ng/l	2.45	0.292	1
Perfluorohexanoic Acid (PFHxA)	15.4		ng/l	2.45	0.402	1
Perfluoroheptanoic Acid (PFHpA)	6.45		ng/l	2.45	0.276	1
Perfluorohexanesulfonic Acid (PFHxS)	3.00		ng/l	2.45	0.461	1
Perfluorooctanoic Acid (PFOA)	39.2		ng/l	2.45	0.290	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	26.6	F	ng/l	2.45	1.63	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.45	0.844	1
Perfluorononanoic Acid (PFNA)	0.545	J	ng/l	2.45	0.383	1
Perfluorooctanesulfonic Acid (PFOS)	3.82		ng/l	2.45	0.618	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.45	0.373	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.45	1.49	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.45	0.795	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.45	0.319	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.45	1.20	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.45	0.712	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.45	0.986	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.45	0.456	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.45	0.401	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.45	0.304	1
PFOA/PFOS, Total	43.0		ng/l	2.45	0.290	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-13 Date Collected: 07/06/20 09:57

Client ID: 428-MW2 Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	51		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	71		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	50		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	69		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	186		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	72		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	81		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	61		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	143		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	32		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	67		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	36		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	59		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	59		33-143

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-14
Client ID: 428-MW3
Sample Location: Not Specified

Date Collected: 07/06/20 07:52
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 18:47
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	23.5		ng/l	1.99	0.406	1
Perfluoropentanoic Acid (PFPeA)	65.7		ng/l	1.99	0.394	1
Perfluorobutanesulfonic Acid (PFBS)	7.78		ng/l	1.99	0.237	1
Perfluorohexanoic Acid (PFHxA)	41.6		ng/l	1.99	0.326	1
Perfluoroheptanoic Acid (PFHpA)	23.8		ng/l	1.99	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	5.13		ng/l	1.99	0.374	1
Perfluorooctanoic Acid (PFOA)	108		ng/l	1.99	0.235	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	15.2		ng/l	1.99	1.33	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.79	J	ng/l	1.99	0.685	1
Perfluorononanoic Acid (PFNA)	5.61		ng/l	1.99	0.311	1
Perfluorooctanesulfonic Acid (PFOS)	27.2		ng/l	1.99	0.502	1
Perfluorodecanoic Acid (PFDA)	2.05		ng/l	1.99	0.303	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.99	1.21	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.99	0.645	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.99	0.259	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.99	0.976	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.99	0.577	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.99	0.800	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.99	0.370	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.99	0.326	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.99	0.247	1
PFOA/PFOS, Total	135		ng/l	1.99	0.235	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-14 Date Collected: 07/06/20 07:52

Client ID: 428-MW3 Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	51		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	49		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	65		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	219		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**213**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		33-143

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-15
Client ID: GW DUPLICATE
Sample Location: Not Specified

Date Collected: 07/06/20 00:00
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 19:37
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	23.4		ng/l	1.96	0.400	1
Perfluoropentanoic Acid (PFPeA)	64.4		ng/l	1.96	0.388	1
Perfluorobutanesulfonic Acid (PFBS)	7.34		ng/l	1.96	0.233	1
Perfluorohexanoic Acid (PFHxA)	40.5		ng/l	1.96	0.321	1
Perfluoroheptanoic Acid (PFHpA)	23.2		ng/l	1.96	0.221	1
Perfluorohexanesulfonic Acid (PFHxS)	5.02		ng/l	1.96	0.368	1
Perfluorooctanoic Acid (PFOA)	107		ng/l	1.96	0.231	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	12.3		ng/l	1.96	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.79	J	ng/l	1.96	0.674	1
Perfluorononanoic Acid (PFNA)	5.62		ng/l	1.96	0.306	1
Perfluorooctanesulfonic Acid (PFOS)	26.6		ng/l	1.96	0.494	1
Perfluorodecanoic Acid (PFDA)	1.82	J	ng/l	1.96	0.298	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.96	1.19	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.96	0.635	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.96	0.255	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.96	0.960	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.96	0.568	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.96	0.788	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.96	0.364	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.96	0.320	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.96	0.243	1
PFOA/PFOS, Total	134		ng/l	1.96	0.231	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-15 Date Collected: 07/06/20 00:00

Client ID: GW DUPLICATE Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	52		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	51		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	64		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	238		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**209**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	29		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	89		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		33-143

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-16
Client ID: TRIP BLANK
Sample Location: Not Specified

Date Collected: 07/02/20 00:00
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 16:51
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.78	0.362	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.78	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.78	0.211	1
Perfluorohexanoic Acid (PFHxA)	0.316	J	ng/l	1.78	0.291	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.334	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.611	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.277	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.78	0.448	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.270	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.576	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.231	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.871	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.515	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.714	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.330	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.220	1
PFOA/PFOS, Total	ND		ng/l	1.78	0.210	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-16 Date Collected: 07/02/20 00:00

Client ID: TRIP BLANK Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	70		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	73		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	70		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	75		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	70		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	59		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	67		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	72		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	59		33-143

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-17
Client ID: EQ BLANK (CUTTING SHOE)
Sample Location: Not Specified

Date Collected: 07/03/20 06:45
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 17:08
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.77	0.361	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	0.336	J	ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.77	0.333	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.77	0.209	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.609	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.77	0.446	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.269	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.573	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.867	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.513	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.711	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.329	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.289	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	ND		ng/l	1.77	0.209	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-17 Date Collected: 07/03/20 06:45

Client ID: EQ BLANK (CUTTING SHOE) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	78		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	71		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	73		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	69		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	69		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		33-143

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-18
Client ID: EQ BLANK (TUBING)
Sample Location: Not Specified

Date Collected: 07/06/20 07:10
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 17:24
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.79	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.79	0.293	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.79	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.79	0.336	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.615	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.79	0.450	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.579	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.876	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.518	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.719	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.332	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.292	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	ND		ng/l	1.79	0.211	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-18 Date Collected: 07/06/20 07:10

Client ID: EQ BLANK (TUBING) Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	60		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	69		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		33-143

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-19
Client ID: FIELD BLANK 1
Sample Location: Not Specified

Date Collected: 07/03/20 07:00
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 17:41
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.75	0.357	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.75	0.347	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.75	0.208	1
Perfluorohexanoic Acid (PFHxA)	0.319	J	ng/l	1.75	0.287	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.75	0.197	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.75	0.329	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.75	0.207	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.75	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.75	0.602	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.75	0.273	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.75	0.441	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.75	0.266	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.75	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.75	0.568	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.75	0.228	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.75	0.858	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.75	0.508	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.75	0.704	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.75	0.326	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.75	0.286	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.75	0.217	1
PFOA/PFOS, Total	ND		ng/l	1.75	0.207	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-19 Date Collected: 07/03/20 07:00

Client ID: FIELD BLANK 1 Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	71		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	74		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	78		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	71		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	61		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	69		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	59		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	72		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	71		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		33-143

Project Name: 428 RODNEY ST. BROOKLYN
Lab Number: L2028215
Project Number: TGA1902
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-20
Client ID: FIELD BLANK 2
Sample Location: Not Specified

Date Collected: 07/06/20 09:00
Date Received: 07/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 17:58
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.82	0.371	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.82	0.360	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.82	0.216	1
Perfluorohexanoic Acid (PFHxA)	0.320	J	ng/l	1.82	0.298	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.82	0.205	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.82	0.342	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.82	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.82	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.82	0.625	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.82	0.284	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.82	0.458	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.82	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.82	0.589	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.82	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.891	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.82	0.527	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.82	0.731	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.82	0.338	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.297	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.82	0.225	1
PFOA/PFOS, Total	ND		ng/l	1.82	0.214	1

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-20 Date Collected: 07/06/20 09:00

Client ID: FIELD BLANK 2 Date Received: 07/06/20

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	71		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	75		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	73		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	75		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	70		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	66		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	21		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	61		33-143

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 21:49
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1389851-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 21:49
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/08/20 08:34

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1389851-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	116		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	99		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	101		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		26-160

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 16:01
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 12-20 Batch: WG1390722-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.340	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 428 RODNEY ST. BROOKLYN **Lab Number:** L2028215

Project Number: TGA1902 **Report Date:** 07/16/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/20 16:01
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 07/10/20 06:39

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 12-20 Batch: WG1390722-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	71		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	70		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	76		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	102		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	79		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	61		33-143

Lab Control Sample Analysis
Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-11		Batch: WG1389851-2 WG1389851-3					
Perfluoropentanoic Acid (PFPeA)	114		119		69-132	4		30
Perfluorobutanesulfonic Acid (PFBS)	114		118		72-128	5		30
Perfluorohexanoic Acid (PFHxA)	116		119		70-132	3		30
Perfluoroheptanoic Acid (PFHpA)	112		116		71-131	4		30
Perfluorohexanesulfonic Acid (PFHxS)	110		116		67-130	5		30
Perfluorooctanoic Acid (PFOA)	115		118		69-133	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		126		64-140	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	119		120		70-132	1		30
Perfluorononanoic Acid (PFNA)	116		120		72-129	3		30
Perfluorooctanesulfonic Acid (PFOS)	116		115		68-136	9		30
Perfluorodecanoic Acid (PFDA)	112		116		69-133	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		121		65-137	9		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		122		63-144	25		30
Perfluoroundecanoic Acid (PFUnA)	111		112		64-136	1		30
Perfluorodecanesulfonic Acid (PFDS)	**136**	Q	132		59-134	3		30
Perfluorooctanesulfonamide (FOSA)	106		118		67-137	11		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		110		61-139	4		30
Perfluorododecanoic Acid (PFDoA)	115		121		69-135	5		30
Perfluorotridecanoic Acid (PFTrDA)	104		113		66-139	8		30
Perfluorotetradecanoic Acid (PFTA)	117		118		69-133	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN

Project Number: TGA1902

Lab Number: L2028215

Report Date: 07/16/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 Batch: WG1389851-2 WG1389851-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		87		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		88		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		91		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		81		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		88		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		95		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		89		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	82		79		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		87		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		90		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		92		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	121		87		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	113		76		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	106		104		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	9		6		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	106		86		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		105		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		79		26-160

Lab Control Sample Analysis
Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902

Lab Number: L2028215
Report Date: 07/16/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 12-20 Batch: WG1390722-2 WG1390722-3								
Perfluorobutanoic Acid (PFBA)	121		124		67-148	2		30
Perfluoropentanoic Acid (PFPeA)	124		127		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	124		125		65-157	1		30
Perfluorohexanoic Acid (PFHxA)	124		126		69-168	2		30
Perfluoroheptanoic Acid (PFHpA)	121		125		58-159	3		30
Perfluorohexanesulfonic Acid (PFHxS)	119		122		69-177	2		30
Perfluorooctanoic Acid (PFOA)	124		126		63-159	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	138		141		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	129		128		61-179	1		30
Perfluorononanoic Acid (PFNA)	119		126		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	126		129		52-151	2		30
Perfluorodecanoic Acid (PFDA)	123		125		63-171	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	136		134		56-173	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		117		60-166	3		30
Perfluoroundecanoic Acid (PFUnA)	119		127		60-153	7		30
Perfluorodecanesulfonic Acid (PFDS)	132		143		38-156	8		30
Perfluorooctanesulfonamide (FOSA)	126		119		46-170	6		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	123		124		45-170	1		30
Perfluorododecanoic Acid (PFDoA)	130		123		67-153	6		30
Perfluorotridecanoic Acid (PFTrDA)	131		124		48-158	5		30
Perfluorotetradecanoic Acid (PFTA)	127		131		59-182	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN

Project Number: TGA1902

Lab Number: L2028215

Report Date: 07/16/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 12-20 Batch: WG1390722-2 WG1390722-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	78		68		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		72		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	80		73		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		63		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		67		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		73		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		66		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	68		60		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	80		70		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74		67		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		66		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76		69		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		58		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		71		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31		20		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		61		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		72		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		60		33-143

Matrix Spike Analysis
Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1389851-4 WG1389851-5 QC Sample: L2028215-04 Client ID: 428-B2 (10-12)												
Perfluoropentanoic Acid (PFPeA)	ND	7.34	8.67	118		7.93	118		69-132	9		30
Perfluorobutanesulfonic Acid (PFBS)	ND	6.5	7.60	117		6.95	117		72-128	9		30
Perfluorohexanoic Acid (PFHxA)	ND	7.34	8.58	117		7.71	115		70-132	11		30
Perfluoroheptanoic Acid (PFHpA)	ND	7.34	8.29	113		7.69	115		71-131	8		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	6.69	7.54	113		7.15	117		67-130	5		30
Perfluorooctanoic Acid (PFOA)	ND	7.34	8.31	113		7.69	115		69-133	8		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.97	8.52	122		8.00F	126		64-140	6		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	6.97	8.00	115		7.55	119		70-132	6		30
Perfluorononanoic Acid (PFNA)	ND	7.34	8.81	120		7.63	114		72-129	14		30
Perfluorooctanesulfonic Acid (PFOS)	ND	6.79	7.84	115		7.26	117		68-136	8		30
Perfluorodecanoic Acid (PFDA)	ND	7.34	8.55	117		7.77	116		69-133	10		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.04	8.94F	127		8.08	126		65-137	10		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	7.34	8.08	110		7.30	109		63-144	10		30
Perfluoroundecanoic Acid (PFUnA)	ND	7.34	8.23	112		7.41	111		64-136	10		30
Perfluorodecanesulfonic Acid (PFDS)	ND	7.09	8.62	122		7.94	123		59-134	8		30
Perfluorooctanesulfonamide (FOSA)	ND	7.34	8.26	113		6.10F	91		67-137	30		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	7.34	8.16	111		7.12	106		61-139	14		30
Perfluorododecanoic Acid (PFDoA)	ND	7.34	8.63	118		8.04	120		69-135	7		30
Perfluorotridecanoic Acid (PFTrDA)	ND	7.34	6.51	89		5.81	87		66-139	11		30
Perfluorotetradecanoic Acid (PFTA)	ND	7.34	8.12	111		7.76	116		69-133	5		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN ***Lab Number:*** L2028215

Project Number: TGA1902 ***Report Date:*** 07/16/20

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1389851-4 WG1389851-5 QC Sample: L2028215-04 Client ID: 428-B2 (10-12)												

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	86		85		25-186
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	83		80		32-182
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**40**	Q	**39**	Q	42-136
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**43**	Q	45		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		76		64-158
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		**64**	Q	65-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**54**	Q	**43**	Q	61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**61**	Q	**50**	Q	62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		87		63-166
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		76		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**20**	Q	**20**	Q	26-160
Perfluoro[13C4]Butanoic Acid (MPFBA)	**58**	Q	**39**	Q	60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**58**	Q	**43**	Q	65-182
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	6		1		1-125
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		84		65-151
Perfluoro[13C8]Octanoic Acid (M8PFOA)	63		**55**	Q	62-152
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	61		**58**	Q	61-154
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	83		83		70-151

Matrix Spike Analysis
Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 12-20 QC Batch ID: WG1390722-4 WG1390722-5 QC Sample: L2028215-14 Client ID: 428-MW3												
Perfluorobutanoic Acid (PFBA)	23.5	38.3	73.0	129		74.1	127		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	65.7	38.3	113	123		115	124		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	7.78	33.9	50.9	127		51.5	124		65-157	1		30
Perfluorohexanoic Acid (PFHxA)	41.6	38.3	91.6	131		92.6	128		69-168	1		30
Perfluoroheptanoic Acid (PFHpA)	23.8	38.3	71.5	124		73.3	124		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	5.13	34.9	49.4	127		54.9F	137		69-177	11		30
Perfluorooctanoic Acid (PFOA)	108	38.3	160	136		163	138		63-159	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	15.2	36.4	62.5	130		67.7	139		49-187	8		30
Perfluoroheptanesulfonic Acid (PFHpS)	1.79J	36.4	48.0	127		53.7	137		61-179	11		30
Perfluorononanoic Acid (PFNA)	5.61	38.3	54.8	128		56.6	128		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	27.2	35.5	72.0	126		74.3	128		52-151	3		30
Perfluorodecanoic Acid (PFDA)	2.05	38.3	50.9	127		50.1	121		63-171	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.8	48.2F	131		53.7F	140		56-173	11		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.3	41.9	109		49.2	123		60-166	16		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.3	44.5	116		48.7	122		60-153	9		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37	47.7	129		51.5	134		38-156	8		30
Perfluorooctanesulfonamide (FOSA)	ND	38.3	44.5F	116		49.9F	125		46-170	11		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.3	46.3	121		46.4	116		45-170	0		30
Perfluorododecanoic Acid (PFDoA)	ND	38.3	46.2	121		50.8	127		67-153	9		30
Perfluorotridecanoic Acid (PFTrDA)	ND	38.3	42.8	112		51.9	130		48-158	19		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.3	45.6	119		50.9	128		59-182	11		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN

Project Number: TGA1902

Lab Number: L2028215

Report Date: 07/16/20

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 12-20 QC Batch ID: WG1390722-4 WG1390722-5 QC Sample: L2028215-14 Client ID: 428-MW3												

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**219**	Q	**203**	Q	7-170
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	236		236		1-244
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		84		23-146
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89		75		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		77		40-144
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		73		38-144
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	48		50		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	62		64		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		84		47-153
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		71		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		62		33-143
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		77		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	50		51		16-173
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	34		26		1-87
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		81		42-146
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74		74		36-149
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	80		82		34-146
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	76		75		31-159

INORGANICS
&
MISCELLANEOUS

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-01
Client ID: 428-B1 (0-2)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 08:17
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	84.0		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-02
Client ID: 428-B1 (10-12)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 08:35
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	68.4		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-03
Client ID: 428-B2 (0-2)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 07:43
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	83.4		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-04
Client ID: 428-B2 (10-12)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 07:56
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	67.3		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-05
Client ID: 428-B3 (0-2)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 07:13
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	89.2		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
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SAMPLE RESULTS

Lab ID: L2028215-06
Client ID: 428-B3 (10-12)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 07:19
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	82.3		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
Lab Number: L2028215
Report Date: 07/16/20

SAMPLE RESULTS

Lab ID: L2028215-07
Client ID: 428-B4 (0-2)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 08:47
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	81.7		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902
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SAMPLE RESULTS

Lab ID: L2028215-08
Client ID: 428-B4 (10-12)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 09:03
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	68.2		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
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Lab Number: L2028215
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SAMPLE RESULTS

Lab ID: L2028215-09
Client ID: 428-B5 (0-2)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 07:31
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	81.3		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
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SAMPLE RESULTS

Lab ID: L2028215-10
Client ID: 428-B5 (10-12)
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 07:39
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	77.8		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Project Name: 428 RODNEY ST. BROOKLYN
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SAMPLE RESULTS

Lab ID: L2028215-11
Client ID: SOIL DUPLICATE
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 07/03/20 00:00
Date Received: 07/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	84.2		%	0.100	0.100	1	-	07/08/20 14:38	121,2540G	JW

Lab Duplicate Analysis

Batch Quality Control

Project Name: 428 RODNEY ST. BROOKLYN

Project Number: TGA1902

Lab Number: L2028215

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Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1390057-1 QC Sample: L2027108-01 Client ID: DUP Sample						
Solids, Total	75.5	75.0	%	1		10

Project Name: 428 RODNEY ST. BROOKLYN
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Lab Number: L2028215
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2028215-01A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-01B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-02A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-02B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-03A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-03B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-04A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-04A1	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-04A2	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-04B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-04B1	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-04B2	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-05A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-05B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-06A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-06B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-07A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-07B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-08A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-08B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-09A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-09B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-10A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 428 RODNEY ST. BROOKLYN
Project Number: TGA1902

Lab Number: L2028215
Report Date: 07/16/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2028215-10B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-11A	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-11B	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		A2-TS(7)
L2028215-12A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-12B	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-13A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-13B	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-14A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-14A1	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-14A2	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-14B	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-14B1	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-14B2	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-15A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-15B	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-16A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-17A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-18A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-19A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2028215-20A	Plastic 250ml unpreserved	A	NA		5.6	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

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Project Number: TGA1902
Lab Number: L2028215
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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1

Project Name:	428 RODNEY ST. BROOKLYN	**Lab Number:**	L2028215
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	428 RODNEY ST. BROOKLYN	**Lab Number:**	L2028215
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1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	428 RODNEY ST. BROOKLYN	**Lab Number:**	L2028215
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Data Qualifiers

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	428 RODNEY ST. BROOKLYN	**Lab Number:**	L2028215
Project Number:	TGA1902	**Report Date:**	07/16/20

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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

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

ALPHA

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

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

NEW YORK CHAIN OF CUSTODY

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

Page 1 of 2

Date Rec'd in Lab: 7/7/20

ALPHA Job #: L2098215

Client Information
Client: EBC
Address: 1808 middle Country Rd. Ridge, NY 11961
Phone: 631-504-6000
Fax:
Email: KBRUSSEE@EBCINLNY.com

Project Information
Project Name: 428 Rodney St. Brooklyn
Project Location:
Project #: TGA 1902
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

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

Deliverables
X ASP-A
X ASP-B
EQuIS (1 File)
X EQuIS (4 File)
Other

Billing Information
Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

2' PFAS Compound list via 537 mod.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total # Bottles
28215-01	428-B1 (0-2)	7/3	8:17	S	TB		2
-02	428-B1 (10-12)	7/3	8:35	S	TB		2
-03	428-B2 (0-2)	7/3	7:43	S	TB		2
-04	428-B2 (10-12)	7/3	7:56	S	TB	MS/MSD	6
-05	428-B3 (0-2)	7/3	7:13	S	TB		2
-06	428-B3 (10-12)	7/3	7:19	S	TB		2
-07	428-B4 (0-2)	7/3	8:47	S	TB		2
-08	428-B4 (10-12)	7/3	9:03	S	TB		2
-09	428-B5 (0-2)	7/3	7:31	S	TB		2
-10	428-B5 (10-12)	7/3	7:39	S	TB		2

Container Type: P
Preservative: A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/6/2020 1435	[illegible] (AAL)	7/6/2020 1435
[illegible] (AAL)	7/6/2020 1940	[illegible] AAL	7/6/20 21:00
[illegible] AAL	7/7/20 00:10	[illegible]	7/7/20 00:10
[illegible]	7/7/20 0410	T. Hubbell	7/7/20 0410
T. Hubbell	7/7/20 0500	[illegible]	7/7/20 0500

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

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

NEW YORK CHAIN OF CUSTODY

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

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

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

Page 2 of 2

Date Rec'd in Lab: 7/7/20

ALPHA Job #: L2008215

Client Information
Client: EBC
Address: 1808 middle County Rd Ridge, NY 11961
Phone: 631-504-6000
Fax:
Email: KBRUSSEE@EBCINENY.com

Project Information
Project Name: 428 ROONEY ST. BROOKLYN
Project Location:
Project #: TGA 1902
(Use Project name as Project #)
Project Manager: KEVIN BRUSSEE
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
- X ASP-A
- X ASP-B
- EQuIS (1 File)
- X EQuIS (4 File)
- Other

Billing Information
- Same as Client Info
PO #

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

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

ANALYSIS
- 21 PFAS compound VCA 537 mod

Sample Filtration
- Done
- Lab to do

Preservation
- Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
28215-11	Soil Duplicate	7/3	—	S	TB		2
-12	428-mw1	7/6	10:59	GW	TB		2
-13	428-mw2	7/6	9:57	GW	TB		2
-14	428-mw3	7/6	7:52	GW	TB	MS/MSD	6
-15	GW Duplicate	7/6	—	GW	TB		2
-16	TRIP BLANK	—	—				1
-17	EQ Blank (cutting shoe)	7/3	6:45				2
-18	EQ Blank (tubing)	7/6	7:10				2
-19	field blank 1	7/3	7:00				2
-20	field blank 2	7/6	9:00				2

Container Type: P
Preservative: A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/6/2020 1135	[illegible] (PAL)	7/6/2020 1135
[illegible] (PAL)	7/6/20 [illegible]	[illegible]	7/6/20 21:00
[illegible] PAL	7/7/20 00:10	[illegible]	7/7/20 00:10
[illegible]	7/7/20 0400	T. Huddleston	7/7/20 0400
T. Huddleston	7/7/20 0500	[illegible]	7/7/20 0500

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

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

APPENDIX - G

DUSRS

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: L2028215
Laboratory: Alpha Analytical Laboratories, INC., Westborough, MA	Date: 08/25/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428-B1 (0-2)	L2028215-01	07/03/2020	PFAS	Soil
428-B1 (10-12)	L2028215-02	07/03/2020	PFAS	Soil
428-B2 (0-2)	L2028215-03	07/03/2020	PFAS	Soil
428-B2 (10-12)	L2028215-04	07/03/2020	PFAS	Soil
428-B3 (0-2)	L2028215-05	07/03/2020	PFAS	Soil
428-B3 (10-12)	L2028215-06	07/03/2020	PFAS	Soil
428-B4 (0-2)	L2028215-07	07/03/2020	PFAS	Soil
428-B4 (10-12)	L2028215-08	07/03/2020	PFAS	Soil
428-B5 (0-2)	L2028215-09	07/03/2020	PFAS	Soil
428-B5 (10-12)	L2028215-10	07/03/2020	PFAS	Soil
SOIL DUPLICATE	L2028215-11	07/03/2020	PFAS	Soil
428-MW1	L2028215-12	07/06/2020	PFAS	GW
428-MW2	L2028215-13	07/06/2020	PFAS	GW
428-MW3	L2028215-14	07/06/2020	PFAS	GW
GW DUPLICATE	L2028215-15	07/06/2020	PFAS	GW
TRIP BLANK	L2028215-16	07/06/2020	PFAS	GW
EQ BLANK (CUTTING SHOE)	L2028215-17	07/06/2020	PFAS	GW
EQ BLANK (TUBING)	L2028215-18	07/06/2020	PFAS	GW
FIELD BLANK 1	L2028215-19	07/06/2020	PFAS	GW
FIELD BLANK 2	L2028215-20	07/06/2020	PFAS	GW

Summary - Data validation was performed on the data for eleven (11) soil samples, four (4) aqueous samples, one (1) trip blank, two (2) equipment blanks, and two (2) field blanks that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/03 & 06/2020 and submitted for PFAS by Method A2-NY-537-Isotope.

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

Sample Delivery and Condition – All samples arrived at the laboratory on 07/07/2020 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

Holding Times – All aqueous and soil samples were extracted within 14 days from sample collection. All aqueous samples were analyzed within 28 days and all soils were analyzed with 40 days from extraction.

Qualification: None required.

Initial Calibration (ICV) – Initial calibration met the method acceptance criteria.

Qualification: None required.

Continuing Calibration Verification (CCV) – Continuing calibration verifications met the method acceptance criteria for aqueous samples.

Qualification: None required.

– Continuing calibration verifications met the method acceptance criteria for soil samples.

Qualification: None required.

Surrogates –Surrogate %REC values were within the QC acceptance limits for aqueous samples with the exception of M2-8:2FTS in samples 428-MW3 and GW DUPLICATE. Results for 8:2FTS were non-detect in the associated samples.

Qualification: None required.

–Surrogate %REC values were below the QC acceptance limits in the following soil samples: MPFBA in samples 428-B2 (0-2), 428-B2 (10-12), 428-B4 (10-12), and Soil Duplicate; M5PFPEA in samples 428-B2 (0-2), 428-B2 (10-12), 428-B4 (10-12), and Soil Duplicate; M3PFBS in samples 428-B2 (0-2) and Soil Duplicate; M5PFHXA in samples 428-B1(0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B4 (10-12), and Soil Duplicate; M4PFHPA in samples 428-B2 (0-2), 428-B2 (10-12), 428-B4 (10-12), and Soil Duplicate; M8PFOA in samples 428-B2 (0-2), 428-B2 (10-12) and Soil Duplicate; M9PFNA in samples 428-B2 (0-2), 428-B2 (10-12), and Soil Duplicate; M8PFOS in samples 428-B2 (0-2), 428-B2 (10-12), and Soil Duplicate; M6PFDA in samples 428-B2 (0-2), 428-B2 (10-12), and Soil Duplicate; D3-NMEFOSAA in samples 428-B1 (0-2), 428-B1 (10-12), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (0-2), 428-B3 (10-12), 428-B4 (0-2), 428-B5 (0-2), and Soil Duplicate; M7-PFUDA in samples 428-B2 (0-2) and Soil Duplicate; M8FOSA in sample 428-B1 (0-2); D5-NETFOSAA in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (10-12), 428-B4 (0-2), 428-B4 (10-12), 428-B5 (0-2), and Soil Duplicate; MPFDOA in samples 428-B2 (0-2) and Soil Duplicate; and M2PFTEDA in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (10-12), 428-B4 (10-12), 428-B5 (0-2), and Soil Duplicate.

Qualification: Results for PFBA in sample 428-B2 (0-2) and Soil duplicate were qualified as estimated (J). The non-detect results for MPFBA in samples 428-B2 (10-12), 428-B4 (10-12) were qualified as estimated (UJ). Results for PFPEA in samples 428-B2 (0-2) and Soil Duplicate were qualified as estimated (J). None-detect results for PFPEA in samples 428-B2 (10-12), 428-B4 (10-12) were qualified as estimated (UJ). Non-detect result for PFBS in samples 428-B2 (0-2) and Soil Duplicate were qualified as estimated (UJ). Non-detect result for PFHXA in sample 428-B2 (10-12) was qualified as estimated (UJ) and

results in samples 428-B1(0-2), 428-B2 (0-2), 428-B4 (10-12), and Soil Duplicate were qualified as estimated (J). The result for PFHPA in sample 428-B2 (0-2) was qualified as estimated (J) and the non-detect results in samples 428-B2 (10-12), 428-B4 (10-12), and Soil Duplicate were qualified as estimated (UJ). Results for PFOA in samples 428-B2 (0-2), 428-B2 (10-12) and Soil Duplicate were qualified as estimated (J). Non-detect results for PFNA in samples 428-B2 (0-2), 428-B2 (10-12), and Soil Duplicate were qualified as estimated (UJ). Non-detect result for PFOS in sample 428-B2 (10-12) was qualified as estimated (UJ) and the results in samples 428-B2 (0-2) and Soil Duplicate were qualified as estimated (J). Result for PFDA in sample 428-B2 (0-2) was qualified as estimated (J) and the non-detect results in samples 428-B2 (10-12), and Soil Duplicate were qualified as estimated (UJ). Non-detect results for NMEFOSAA in samples 428-B1 (0-2), 428-B1 (10-12), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (0-2), 428-B3 (10-12), 428-B4 (0-2), 428-B5 (0-2), and Soil Duplicate were qualified as estimated (UJ). PFUNA result in sample 428-B2 (0-2) and the non-detect result in Soil Duplicate were qualified as estimated (J/UJ, respectively). Non-detect results for FOSA and PFDS in sample 428-B1 (0-2) were qualified as estimated (UJ). Non-detect results for NETFOSAA in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (10-12), 428-B4 (0-2), 428-B4 (10-12), 428-B5 (0-2), and Soil Duplicate were qualified as estimated (UJ). Non-detect results for PFDOA in samples 428-B2 (0-2) and Soil Duplicate were qualified as estimated (UJ). Non-detect results for PFTA and PFTRDA in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (10-12), 428-B4 (10-12), 428-B5 (0-2), and Soil Duplicate were qualified as estimated (UJ).

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

Qualification: None required.

Method Blank (MB) and Equipment Blank (EB) – Method Blank (WG1390722-1 BL) associated with the water samples extracted on 07/10/2020 and analyzed on 07/14/2020. The method blank prepared and analyzed with these samples contained PFHXA (0.34 ng/L). Results for PFHXA in the field samples were greater than 10x the blank concentration.

Qualification: Results for PFHXA were qualified non-detect (U and reported at the RL) in the Trip Blank, EQ Blank (Cutting Shoe), Field Blank 1, and Field Blank 2.

– Method Blank (WG1389851-1 BL) associated with the soil samples extracted on 07/08/2020 and analyzed on 07/14/2020. The method blank prepared and analyzed with these samples was non-detect for the reported PFAS compounds.

Qualification: None required.

– Trip Blank (L2028215-16) was extracted on 07/10/2020 and analyzed on 07/14/2020. The trip blank prepared and analyzed with these samples was non-detect for the reported PFAS compounds.

Qualification: None required.

– EQ Blank (Cutting Shoe) (L2028215-17) was extracted on 07/10/2020 and analyzed on 07/14/2020. The cutting shoe equipment blank prepared and analyzed with these samples was non-detect for the reported PFAS compounds.

Qualification: None required.

– EQ Blank (Tubing) (L2028215-18) was extracted on 07/10/2020 and analyzed on 07/14/2020. The tubing equipment blank prepared and analyzed with these samples was non-detect for the reported PFAS compounds.

Qualification: None required.

– Field Blank 1 (L2028215-19) was extracted on 07/10/2020 and analyzed on 07/14/2020. Field Blank 1 prepared and analyzed with these samples was non-detect for the reported PFAS compounds.

Qualification: None required.

– Field Blank 2 (L2028215-20) was extracted on 07/10/2020 and analyzed on 07/14/2020. Field Blank 2 prepared and analyzed with these samples was non-detect for the reported PFAS compounds.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD**)** – Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1389851-2/3 were analyzed on 07/14/2020. All %RECs and RPDs were within the laboratory control limits with the exception of PFDS (136%). Result for PFDS in the soil samples was non-detect.

Qualification: None required.

– Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: WG1390722-2/3 were analyzed on 07/14/2020. 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 428-B2 (10-12) (L2028215-04). %REC/RPDs were inside the laboratory control limits.

Qualification: None required.

– Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428-MW3 (L2028215-14). %REC/RPDs were inside the laboratory control limits.

Qualification: None required.

Field Duplicate – GW DUPLICATE (Lab Sample ID: L2028215-15) was the field duplicate sample of 428-MW3 (Lab Sample ID: L2028125-14). The FD sample results for detected PFAS in the FD sample pair are summarized in the table below. The calculated %RPDs between detected FD sample results were less than 50%.

Lab Sample ID	L2028215-14		L2028215-15		
Client Sample ID	428-MW3		GW Duplicate		
Collection Date	07/03/2020		07/03/2020		
Analyte	**Result (ng/L)**	**Flag**	**Result (ng/L)**	**Flag**	**%RPD**
6:2FTS	15.2		12.3		21.1
PFBS	7.78		7.34		5.8
PFBA	23.5		23.4		0.4
PFDA	2.05		1.82	J	11.9
PFHPS	1.79	J	1.79	J	0.0
PFHPA	23.8		23.2		2.6
PFHXS	5.13		5.02		2.2
PFHXA	41.6		40.5		2.7
PFNA	5.61		5.62		0.2
PFOS	27.2		26.6		2.2
PFOA	108		107		0.9
PFPEA	65.7		64.4		2.0
PFOA/PFOS, TOTAL	135		134		0.7

Qualification: None required.

– SOIL DUPLICATE (Lab Sample ID: L2028215-11) was the field duplicate sample of 428-B2 (0-2) (Lab Sample ID: L2028125-03). The FD sample results for detected PFAS in the FD sample pair are summarized in the table below. The calculated %RPDs between detected FD sample results were less than 50%. Results for PFDA, PFHPA, and PFUNA were detected in the field sample but were non-detect in the field duplicate sample.

Lab Sample ID	L2028215-03		L2028215-11		
Client Sample ID	428-B2 (0-2)		Soil Duplicate		
Collection Date	07/03/2020		07/03/2020		
Analyte	**Result (µg/Kg)**	**Flag**	**Result (µg/Kg)**	**Flag**	**%RPD**
PFBA	0.08	J	0.049	J	41.9
PFDA	0.07	J	ND		NC
PFHPA	0.06	J	ND		NC
PFHXA	0.12	J	0.085	J	31.7
PFOS	0.38	J	0.29	J	25.8
PFOA	0.3	J	0.225	J	29.5
PFPEA	0.11	J	0.082	J	28.3
PFUNA	0.06	J	ND		NC
PFOA/PFOS, TOTAL	0.68	J	0.515	J	27.5

Qualification: Results for PFDA, PFHPA, and PFUNA were qualified as estimated (J/UJ, respectively) in the field duplicate pair (428-B2 (0-2) and Soil Duplicate).

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

Qualification: None required.

Ratio of Quantifier to Qualifier Ion Response – The ratio of quantifier ion response to qualifier ion response fell outside of the laboratory criteria for NETFOSAA, PFHXS, and FOSA in sample 428-MW1 and 6:2FTS in Sample 428-MW2.

Qualification: Results for NETFOSAA, PFHXS, and FOSA in sample 428-MW1 and 6:2FTS in sample 428-MW2 were qualified as estimated (J).

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: L2028215 at the end of the data validation report.

118 HOPE ST/248 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOIL AQUEOUS
SDG: L2028215

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.311	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.195	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.092	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.218	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL	0.486	ug/kg	J	0.045	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.042	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	0.041	ug/kg	J	0.025	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	UJ	0.166	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)	0.077	ug/kg	J	0.073	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.076	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.148	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.049	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.066	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	0.079	ug/kg	J	0.057	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.081	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	UJ	0.106	5
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	0.312	ug/kg	J	0.141	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	0.174	ug/kg	J	0.045	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	0.086	ug/kg	J	0.05	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	UJ	0.059	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	UJ	0.222	0.542
428-B1 (0-2)	L2028215-01	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.051	0.542
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.4	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.25	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.118	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.28	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL	0.377	ug/kg	J	0.058	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.054	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.032	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.213	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.093	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.098	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.19	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.063	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.084	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	0.13	ug/kg	J	0.073	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.104	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.136	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	0.229	ug/kg	J	0.181	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	0.148	ug/kg	J	0.058	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	0.07	ug/kg	J	0.064	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.075	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.285	0.696
428-B1 (10-12)	L2028215-02	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.065	0.696
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.307	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.192	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.091	0.535

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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.216	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	0.075	ug/kg	J	0.024	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	UJ	0.042	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)	0.073	ug/kg	J	0.072	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.164	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)	0.061	ug/kg	J	0.048	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	UJ	0.075	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.146	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	0.117	ug/kg	J	0.056	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.065	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	0.376	ug/kg	J	0.139	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	UJ	0.08	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.105	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	0.303	ug/kg	J	0.045	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	0.109	ug/kg	J	0.049	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)	0.056	ug/kg	J	0.05	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	UJ	0.058	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	UJ	0.219	0.535
428-B2 (0-2)	L2028215-03	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL	0.679	ug/kg	J	0.045	0.535
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.403	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.252	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.119	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.283	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL		ug/kg	U	0.059	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.055	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	UJ	0.032	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.215	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	UJ	0.094	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.098	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.192	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	UJ	0.063	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.085	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	UJ	0.074	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	UJ	0.105	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.138	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	UJ	0.183	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.059	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	UJ	0.065	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	UJ	0.076	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	UJ	0.287	0.702
428-B2 (10-12)	L2028215-04	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.066	0.702
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.296	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.185	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.087	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.208	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL		ug/kg	U	0.043	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.04	0.517

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428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.023	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLURODECANESULFONIC ACID (PFDS)		ug/kg	U	0.158	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLURODECANOIC ACID (PFDA)		ug/kg	U	0.069	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLURODODECANOIC ACID (PFDOA)		ug/kg	U	0.072	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.141	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.047	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.063	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.054	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLURONONANOIC ACID (PFNA)		ug/kg	U	0.078	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.101	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.134	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.043	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.048	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.056	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.211	0.517
428-B3 (0-2)	L2028215-05	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.048	0.517
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.309	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.193	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.091	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.217	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL	0.065	ug/kg	J	0.045	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.042	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.024	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.164	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.072	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.075	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.147	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.049	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.065	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.056	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLURONONANOIC ACID (PFNA)		ug/kg	U	0.081	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.105	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.14	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	0.065	ug/kg	J	0.045	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.05	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	UJ	0.058	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	UJ	0.22	0.538
428-B3 (10-12)	L2028215-06	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.05	0.538
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.33	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.206	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.097	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.232	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL		ug/kg	U	0.048	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.045	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.026	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.176	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.077	0.575

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.08	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.157	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.052	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.07	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)		ug/kg	U	0.06	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.086	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.113	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.149	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.048	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.053	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.062	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.235	0.575
428-B4 (0-2)	L2028215-07	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.054	0.575
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.372	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.233	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.11	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.261	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL		ug/kg	U	0.054	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.051	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	UJ	0.029	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.198	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.087	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.091	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.177	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	UJ	0.059	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.079	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	0.079	ug/kg	J	0.068	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.097	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.127	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ug/kg	U	0.169	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ug/kg	U	0.054	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	UJ	0.06	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	UJ	0.07	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	UJ	0.265	0.649
428-B4 (10-12)	L2028215-08	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.061	0.649
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.338	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.211	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.1	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.237	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL	0.612	ug/kg	J	0.049	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.046	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	0.059	ug/kg	J	0.027	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.18	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	U	0.079	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.082	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.161	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)	0.055	ug/kg	J	0.053	0.588

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.071	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	0.103	ug/kg	J	0.062	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.088	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.115	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	0.364	ug/kg	J	0.153	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	0.248	ug/kg	J	0.049	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	0.105	ug/kg	J	0.054	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	UJ	0.064	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	UJ	0.241	0.588
428-B5 (0-2)	L2028215-09	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.055	0.588
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.337	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.211	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	U	0.099	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	U	0.236	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL	0.698	ug/kg	J	0.049	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	U	0.046	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ug/kg	U	0.027	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.18	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)	0.141	ug/kg	J	0.079	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	U	0.082	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.16	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	U	0.053	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.071	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	0.078	ug/kg	J	0.062	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	U	0.088	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.115	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	0.544	ug/kg	J	0.152	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	0.154	ug/kg	J	0.049	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ug/kg	U	0.054	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	U	0.063	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	U	0.24	0.587
428-B5 (10-12)	L2028215-10	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	U	0.055	0.587
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ug/kg	U	0.32	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ug/kg	U	0.2	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ug/kg	UJ	0.094	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ug/kg	UJ	0.225	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	0.049	ug/kg	J	0.025	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ug/kg	UJ	0.044	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	0.085	ug/kg	J	0.059	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ug/kg	U	0.171	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUORODECANOIC ACID (PFDA)		ug/kg	UJ	0.075	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ug/kg	UJ	0.078	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ug/kg	U	0.152	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ug/kg	UJ	0.05	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ug/kg	U	0.068	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	0.29	ug/kg	J	0.145	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUORONONANOIC ACID (PFNA)		ug/kg	UJ	0.084	0.558

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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ug/kg	U	0.109	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	0.225	ug/kg	J	0.047	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	0.082	ug/kg	J	0.051	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PFOA/PFOS, TOTAL	0.515	ug/kg	J	0.047	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ug/kg	UJ	0.06	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ug/kg	UJ	0.228	0.558
SOIL DUPLICATE	L2028215-11	E537(M)	7/3/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ug/kg	UJ	0.052	0.558
428-MW1	L2028215-12	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.22	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	56.3	ng/l		1.34	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)	3.98	ng/l	J	0.807	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)	0.94	ng/l	J	0.651	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL	61.4	ng/l		0.237	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	9.43	ng/l		0.239	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	22.5	ng/l		0.41	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.984	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)	3.02	ng/l		0.305	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.374	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.691	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)	22.7	ng/l		0.226	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	11.7	ng/l	J	0.378	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	35.9	ng/l		0.329	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)	1.82	ng/l	J	0.313	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)	1.42	ng/l	J	0.582	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	15.6	ng/l		0.506	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	45.8	ng/l		0.237	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	39.5	ng/l		0.398	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.249	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.328	2.01
428-MW1	L2028215-12	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)	0.374	ng/l	J	0.261	2.01
428-MW2	L2028215-13	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.49	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	26.6	ng/l	J	1.63	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.986	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.795	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL	43	ng/l		0.29	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	7.96	ng/l		0.292	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	15.7	ng/l		0.501	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	1.2	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.373	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.456	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.844	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)	6.45	ng/l		0.276	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	3	ng/l		0.461	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	15.4	ng/l		0.402	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)	0.545	ng/l	J	0.383	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.712	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	3.82	ng/l		0.618	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	39.2	ng/l		0.29	2.45

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428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	24.8	ng/l		0.486	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.304	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.401	2.45
428-MW2	L2028215-13	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.319	2.45
428-MW3	L2028215-14	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.21	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	15.2	ng/l		1.33	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.8	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.645	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	7.78	ng/l		0.237	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	23.5	ng/l		0.406	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)	2.05	ng/l		0.303	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.976	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	1.79	ng/l	J	0.685	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.37	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)	23.8	ng/l		0.224	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	5.13	ng/l		0.374	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	41.6	ng/l		0.326	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)	5.61	ng/l		0.311	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	27.2	ng/l		0.502	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.577	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	108	ng/l		0.235	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	65.7	ng/l		0.394	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL	135	ng/l		0.235	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.247	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.326	1.99
428-MW3	L2028215-14	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.259	1.99
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.19	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	12.3	ng/l		1.3	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.788	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.635	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)	7.34	ng/l		0.233	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)	23.4	ng/l		0.4	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)	1.82	ng/l	J	0.298	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.96	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	1.79	ng/l	J	0.674	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.364	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)	23.2	ng/l		0.221	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)	5.02	ng/l		0.368	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	40.5	ng/l		0.321	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)	5.62	ng/l		0.306	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)	26.6	ng/l		0.494	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.568	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)	107	ng/l		0.231	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)	64.4	ng/l		0.388	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL	134	ng/l		0.231	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.243	1.96
GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.32	1.96

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GW DUPLICATE	L2028215-15	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.255	1.96
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.08	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.18	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.714	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.576	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL		ng/l	U	0.21	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.211	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.362	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.871	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.27	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.33	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.611	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.2	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ng/l	U	0.334	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	1.78	ng/l	U	0.291	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.277	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.515	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.448	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.21	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.352	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.22	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.291	1.78
TRIP BLANK	L2028215-16	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.231	1.78
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.07	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.18	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.711	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.573	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL		ng/l	U	0.209	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.21	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.361	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.867	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.269	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.329	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.609	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.199	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ng/l	U	0.333	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	1.77	ng/l	U	0.29	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.276	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.513	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.446	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.209	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.35	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.219	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.289	1.77
EQ BLANK (CUTTING SHOE)	L2028215-17	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.23	1.77
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.08	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.19	1.79

118 HOPE ST/248 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOIL AQUEOUS
SDG: L2028215

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.719	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.579	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL		ng/l	U	0.211	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.213	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.365	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.876	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.272	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.332	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.615	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.201	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ng/l	U	0.336	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)		ng/l	U	0.293	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.279	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.518	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.45	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.211	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.354	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.222	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.292	1.79
EQ BLANK (TUBING)	L2028215-18	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.232	1.79
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.06	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.17	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.704	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.568	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL		ng/l	U	0.207	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.208	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.357	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.858	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.266	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.326	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.602	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.197	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ng/l	U	0.329	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	1.75	ng/l	U	0.287	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.273	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.508	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.441	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.207	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.347	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.217	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.286	1.75
FIELD BLANK 1	L2028215-19	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.228	1.75
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		ng/l	U	1.1	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		ng/l	U	1.21	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		ng/l	U	0.731	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		ng/l	U	0.589	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PFOA/PFOS, TOTAL		ng/l	U	0.214	1.82

118 HOPE ST/248 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOIL AQUEOUS
SDG: L2028215

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROBUTANESULFONIC ACID (PFBS)		ng/l	U	0.216	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROBUTANOIC ACID (PFBA)		ng/l	U	0.371	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUORODECANESULFONIC ACID (PFDS)		ng/l	U	0.891	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUORODECANOIC ACID (PFDA)		ng/l	U	0.276	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUORODODECANOIC ACID (PFDOA)		ng/l	U	0.338	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROHEPTANESULFONIC ACID (PFHPS)		ng/l	U	0.625	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROHEPTANOIC ACID (PFHPA)		ng/l	U	0.205	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROHEXANESULFONIC ACID (PFHXS)		ng/l	U	0.342	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROHEXANOIC ACID (PFHXA)	1.82	ng/l	U	0.298	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUORONONANOIC ACID (PFNA)		ng/l	U	0.284	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONAMIDE (FOSA)		ng/l	U	0.527	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROOCTANESULFONIC ACID (PFOS)		ng/l	U	0.458	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROOCTANOIC ACID (PFOA)		ng/l	U	0.214	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROPENTANOIC ACID (PFPEA)		ng/l	U	0.36	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROTETRADECANOIC ACID (PFTA)		ng/l	U	0.225	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROTRIDECANOIC ACID (PFTRDA)		ng/l	U	0.297	1.82
FIELD BLANK 2	L2028215-20	E537(M)	7/6/2020	1	PERFLUOROUNDECANOIC ACID (PFUNA)		ng/l	U	0.236	1.82

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG27600
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/26/2020
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428-B1 (0-2)	CG27600	7/03/2020	SVOC	Soil
428-B1 (10-12)	CG27601	7/03/2020	SVOC	Soil
428-B2 (0-2)	CG27602	7/03/2020	SVOC	Soil
428-B2 (10-12)	CG27603	7/03/2020	SVOC	Soil
428-B3 (0-2)	CG27604	7/03/2020	SVOC	Soil
428-B3 (10-12)	CG27605	7/03/2020	SVOC	Soil
428-B4 (0-2)	CG27606	7/03/2020	SVOC	Soil
428-B4 (10-12)	CG27607	7/03/2020	SVOC	Soil
428-B5 (0-2)	CG27608	7/03/2020	SVOC	Soil
428-B5 (10-12)	CG27609	7/03/2020	SVOC	Soil
Soil Duplicate	CG27610	7/03/2020	SVOC	Soil

Summary - Data validation was performed on the data for eleven (11) soil samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/03/2020 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 07/06/2020 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 06/23/2020 (CHEM06) 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 06/29/2020 (CHEM06) 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 06/30/2020 (CHEM36) 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 07/06/2020 were within acceptance limits listed in Table 2 in SOP HW-35A with the exception of 2-nitrophenol (24.0%) and 2-nitroaniline (28.6%).

Qualification: Non-detect results for 2-nitrophenol and 2-nitroaniline in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (0-2), 428-B3 (10-12), 428-B4 (0-2), 428-B4 (10-12), and 428-B5 (0-2) were qualified as estimated (UJ).

– The %D for the CCVs analyzed and reported with these samples on 07/07/2020 were within acceptance limits listed in Table 2 in SOP HW-35A with the exception of 2-nitrophenol (21.7%), benzoic acid (24.9%), hexachlorocyclopentadiene (68.9%), 2,4-dinitrophenol (91.8%), and 4,6-dinitro-2-methylphenol (80.6%).

Qualification: Non-detect results for 2-nitrophenol, benzoic acid, hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol in all samples listed at the beginning of this report were qualified as estimated (UJ).

Surrogates –Surrogate %R values were within the QC acceptance limits with the exception of terphenyl-d14 in sample 428-B1 (10-12).

Qualification: Results for bis(2-ethylhexyl)phthalate, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, benzo(a)pyrene, dibenz(a,h)anthracene, benz(a)anthracene, and benzyl butyl phthalate were qualified as estimated (J) in sample 428-B1 (10-12).

Internal Standard (IS) Area Performance – Samples exhibited acceptable area count for the six internal standards with the exception of chrysene-d12 in samples 428-B2 (0-2), 428-B3 (0-2), 428-B4 (0-2), and 428-B5 (0-2); perylene-d12 in samples 428-B2 (0-2), 428-B4 (0-2), and 428-B5 (0-2); and 1,4-dichlorobenzene-d4, naphthalene-d8, and acenaphthene-d10 in sample 428-B1 (10-12).

Qualification: Non-detect results for benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, di-n-octylphthalate, and 3,3'-dichlorobenzidine were qualified as estimated (UJ) in samples 428-B2 (0-2), 428-B3 (0-2), and 428-B5 (0-2). Non-detect results for bis(2-ethylhexyl)phthalate, di-n-octylphthalate, benzyl butyl phthalate, and 3,3'-dichlorobenzidine were qualified as estimated (UJ) and positive results for chrysene and benz(a)anthracene were qualified as estimated (J) in sample 428-B4 (0-2). Non-detect results for benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were qualified as estimated (UJ) in samples 428-B2 (0-2) and 428-B5 (0-2). Results for benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were qualified as estimated (J) in sample 428-B4 (0-2).

Results for dibenzofuran, acenaphthene, fluorene, naphthalene, and 2-methylnaphthalene in sample 428-B1 (10-12) were qualified as estimated (J). Non-detect results for 4-nitroaniline, 4-nitrophenol, 2,4-dimethylphenol, 1,4-dichlorobenzene, 4-chloroaniline, bis(2-chloroisopropyl)ether, phenol, pyridine, bis(2-chloroethyl)ether, bis(2-chloroethoxyl)methane, 1,2,4-trichlorobenzene, 2,4-dichlorophenol, 2,4-dinitrotoluene, dimethylphthalate, acenaphthylene, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, 1,3-dichlorobenzene, 4-chloro-3-methylphenol, 2,6-dinitrotoluene, n-nitrosodi-n-propylamine, aniline, n-nitrosodimethylamine, benzoic acid, hexachloroethane, 4-chlorophenyl phenyl ether, hexachlorocyclopentadiene, isophorone, diethyl phthalate, n-nitrosodiphenylamine, hexachlorobutadiene, 2,4,6-trichlorophenol, 2-nitroaniline, 2-nitrophenol, 2-chloronaphthalene, 2-methylphenol, 1,2-dichlorobenzene, 2-chlorophenol, 1,2,4,5-tetrachlorobenzene, 2,4,5-trichlorophenol, acetophenone, nitrobenzene, 3-nitroaniline, and 3&4-methylphenol in sample 428-B1 (10-12) were qualified as estimated (UJ).

Method Blank (MB) – Method Blank (CG27603 BLANK) associated with the soil samples extracted on 07/06/2020 and analyzed on 07/06/2020 was 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 – One soil duplicate pair was submitted with this SDG. Sample Soil Duplicate (Lab Sample ID: CG27610) was the field duplicate sample of 428-B2 (0-2) (Lab Sample ID: CG27602). SVOC results were non-detect in the field duplicate pair.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428-B2 (10-12) (CG27603). All %RECs/RPDs were within the laboratory control limits with the exception of hexachloroethane, hexachlorocyclopentadiene, 2,4-dinitrophenol, benzidine, and benzo(ghi)perylene. Result for benzo(ghi)perylene was non-detect.

Qualification: Non-detect results hexachloroethane, hexachlorocyclopentadiene, 2,4-dinitrophenol, and benzidine were qualified as estimated (UJ) in sample 428-B2 (10-12).

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

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(\text{Volume injected, } \mu L)(V)(\%Solids)}$$

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.
VE= final volume of concentrated extract

Sample: 19SB4 FILL (CG19743)

Phenanthrene

Sample weight= 15.24g
Volume purged=1.0ml
DF = 10
%Solids=87

$$\text{Concentration } (\mu g/kg) \text{ (dry)} = \frac{1007479 \times 40 \times 10 \times 1000}{2655086 \times 1.156 \times 15.24 \times 0.87} = 9902.7 \mu g/kg$$

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Phenanthrene	9900	9900	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: GCG27600 at the end of the data validation report.

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG27600
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/27/2020
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428-B1 (0-2)	CG27600	7/03/2020	SVOC	Soil
428-B1 (10-12)	CG27601	7/03/2020	SVOC	Soil
428-B2 (0-2)	CG27602	7/03/2020	SVOC	Soil
428-B2 (10-12)	CG27603	7/03/2020	SVOC	Soil
428-B3 (0-2)	CG27604	7/03/2020	SVOC	Soil
428-B3 (10-12)	CG27605	7/03/2020	SVOC	Soil
428-B4 (0-2)	CG27606	7/03/2020	SVOC	Soil
428-B4 (10-12)	CG27607	7/03/2020	SVOC	Soil
428-B5 (0-2)	CG27608	7/03/2020	SVOC	Soil
428-B5 (10-12)	CG27609	7/03/2020	SVOC	Soil
Soil Duplicate	CG27610	7/03/2020	SVOC	Soil
Trip Blank High	CG27611	7/03/2020	SVOC	Soil
Trip Blank Low	CG27612	7/03/2020	SVOC	Soil

Summary - Data validation was performed on the data for eleven (11) soil samples and two (2) trip blank (TB) samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/03/2020 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 07/06/2020 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 7/06/2020 (CHEM03) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A with the exception of bromoform (30.7%).

Qualification: Non-detect results for bromoform were qualified estimated (UJ) in all samples listed in the beginning of this report.

Continuing Calibration Verification (CCV) - The %D for the CCVs analyzed and reported with these samples on 07/08/2020 were within acceptance limits for all target VOCs.

Qualification: None required.

- The %D for the CCVs analyzed and reported with these samples on 07/08-09/2020 were within acceptance limits for all target VOCs with the exception of 1,1-dichloroethane (21.1%).

Qualification: Non-detect results for 1,1-dichloroethane were qualified as estimated (UJ) in samples 428-B1 (10-12), 428-B4 (10-12), 428-B5 (0-2), and 428-B5 (10-12).

- The %D for the CCVs analyzed and reported with these samples on 07/09/2020 were within acceptance limits for all target VOCs with the exception of 1,1-dichloroethane (25.4%).

Qualification: Non-detect results for 1,1-dichloroethane were qualified as estimated (UJ) in samples 428-B2 (10-12), 428-B3 (10-12), and Soil Duplicate.

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 with the exception of 1,4-dichlorobenzene-d4 in samples 428-B2 (10-12), 428-B3 (10-12), and 428-B4 (0-2).

Qualification: Non-detect results for bromoform, isopropylbenzene, bromobenzene, n-propylbenzene, 1,1,2,2-tetrachloroethane, 2-chlorotoluene, 1,3,5-trimethylbenzene, 1,2,3-trichloropropane, trans-1,4-dichloro-2-butene, 4-chlorotoluene, tert-butylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, p-isopropyltoluene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-isopropyltoluene, n-butylbenzene, 1,2-dichlorobenzene, 1,2-dibromo-3-chloropropane, hexachlorobutadiene, 1,2,4-trichlorobenzene, and 1,2,3-trichlorobenzene in samples 428-B2 (10-12), 428-B3 (10-12), and 428-B4 (0-2) were qualified as estimated (UJ). Result for naphthalene in sample 428-B4 (0-2) was qualified as estimated (J). Non-detect results for naphthalene in samples 428-B2 (10-12) and 428-B2 (10-12) were qualified as estimated (UJ).

MS/MSD– MS/MSD were performed on sample 428-B2 (10-12) 50x (CG27603). %RECs/RPDs were within the laboratory control limits with the exception of chloroethane (63% and 63% %R), trichlorofluoromethane (45% and 46% %R), and trans-1,4-dichloro-2-butene (136% and 142% %R), 1,4-dioxane (134% and 146% %R). Results for chloroethane, trichlorofluoromethane, and 1,4-dioxane were not reported with 50x dilution in the parent sample. Result for trans-1,4-dichloro-2-butene was non-detect.

Qualification: None required.

– MS/MSD were performed on sample 428-B2 (10-12) (CG27603). All %RECs/RPDs were within the laboratory control limits with the exception of chloromethane (69% %R),

bromomethane (67% and 55% %R), chloroethane (55% %R; 32.1% RPD), trichlorofluoromethane (56% %R;31.6% RPD), carbon disulfide (48% and 38% %R), acrolein (51% %R; 43.1% RPD), methylene chloride (61% and 62% %R), acetone (58% %R; 44.3% RPD), trans-1,2-dichloroethene (54% and 48% %R),cis-1,2-dichloroethene (54%and 60% %R), bromochloromethane (63% and 64% %R), carbon tetrachloride (66% %R), 1,1-dichloropropene (68% %R), dibromomethane (57% and 55% %R), cis-1,3-dichloropropane (57% and 52% %R), tetrachloroethene (66% %R), trans-1,3-dichloropropene (46% and 37% %R), 1,2-dibromomethane (64% %R), styrene (61% and 44% %R; 32.4% RPD), bromoform (61% %R), trans-1,4-dichloro-2-butene (46% %R; 46.7% RPD), 1,3-dichlorobenzene (57% %R), 1,4-dichlorobenzene (63% and 50% %R), n-butylbenzene (64% %R), 1,2-dichlorobenzene (59% %R), hexachlorobutadiene (58% and 29% %R; 66.7% RPD), 1,2,4-trichlorobenzene (47% and 26% %R; 57.5% RPD), naphthalene (56% and 37% %R; 40.9% RPD), 1,2,3-trichlorobenzene (48% and 23% %R; 70.4% RPD), tert-butyl alcohol (174% and 256% %R; 38.1% RPD) and 1,4-dioxane (218% and 301% %R; 32.0% RPD). Results for trans-1,4-dichloro-2-butene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, n-butylbenzene, 1,2,3-trichlorobenzene, 1,2-dichlorobenzene, hexachlorobutadiene, 1,2,4-trichlorobenzene, naphthalene, and 1,4-dioxane were reported in the diluted parent sample run.

Qualification: Non-detect results for chloromethane, bromomethane, chloroethane, trichlorofluoromethane, carbon disulfide, acrolein, methylene chloride, trans-1,2-dichloroethene, cis-1,2-dichloroethene, bromochloromethane, carbon tetrachloride, 1,1-dichloropropene, dibromomethane, cis-1,3-dichloropropane, tetrachloroethene, trans-1,3-dichloropropene, 1,2-dibromomethane, styrene, bromoform, and tert-butyl alcohol were qualified as estimated (UJ) in sample 428-B2 (10-12). Result for acetone was qualified as estimated (J) in sample 428-B2 (10-12).

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: CG27612) 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: CG27611) was submitted with this sample set. All target VOCs were non-detect in the HL TB sample.

Qualification: None required.

Field Duplicate – One soil duplicate pair was submitted with this SDG. Sample Soil Duplicate (Lab Sample ID: CG27610) was the field duplicate sample of 428-B2 (0-2) (Lab Sample ID: CG27602). The FD sample results were non-detected for VOCs in the FD sample pair.

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 428-B2 (10-12), 428-B3 (10-12), 428-B4 (0-2), and High Trip Blank required 50x dilutions; and sample 428-B1 (10-12) required 200x 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.

Qualification: None required.

– %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.

428-B2 (10-12) (CG27603)

Acetone

Sample weight= 3.14g
Volume purged=5.0ml
DF = 1
%Solids=71

$$\text{Concentration (µg/kg) (dry)} = \frac{21510 \times 1 \times 50 \times 5}{232351 \times 0.153 \times 3.14 \times 0.71} = 67.85 \mu g/kg$$

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Acetone	68	68	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: GCG27600 at the end of the data validation report.

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG27600
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/26/2020
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428-B1 (0-2)	CG27600	7/03/2020	PCB	Soil
428-B1 (10-12)	CG27601	7/03/2020	PCB	Soil
428-B2 (0-2)	CG27602	7/03/2020	PCB	Soil
428-B2 (10-12)	CG27603	7/03/2020	PCB	Soil
428-B3 (0-2)	CG27604	7/03/2020	PCB	Soil
428-B3 (10-12)	CG27605	7/03/2020	PCB	Soil
428-B4 (0-2)	CG27606	7/03/2020	PCB	Soil
428-B4 (10-12)	CG27607	7/03/2020	PCB	Soil
428-B5 (0-2)	CG27608	7/03/2020	PCB	Soil
428-B5 (10-12)	CG27609	7/03/2020	PCB	Soil
Soil Duplicate	CG27610	7/03/2020	PCB	Soil

Summary - Data validation was performed on the data for eleven (11) soil samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/03/2020 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 07/06/2020 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 05/05/2020 (ECD29) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 07/06/2020 (ECD8) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 07/07/2020 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 07/07/2020 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 07/07/2020 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 07/7/2020 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 (CG27603 BL) associated with the soil samples extracted on 07/06/2020 and analyzed on 07/07/2020 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample/Laboratory Control Sample Duplicate associated with ID: CG27603 were analyzed on 07/07/2020. All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – One soil duplicate pair was submitted with this SDG. Sample Soil Duplicate (Lab Sample ID: CG27610) was the field duplicate sample of 428-B2 (0-2) (Lab Sample ID: CG27602). The results for PCBs were non-detect in the FD sample pair.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428-B2 (10-12) (CG27603). 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.

Manual Calculation

CG27603 LCS

Aroclor-1016

On Column concentration (B)= 335.593ng
Sample weight= 15.0g
DF= 10
Vi= 5ml
%Solids= 100%

Concentration (µg/kg) (dry) = $\frac{335.593\text{ng} \times 10\text{ml} \times 5}{15.0\text{g}}$ = 1118.64µg/kg

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Aroclor-1016	1120	1120	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: GCG27600 at the end of the data validation report.

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG27600
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/26/2020
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428-B1 (0-2)	CG27600	7/03/2020	Pesticides	Soil
428-B1 (10-12)	CG27601	7/03/2020	Pesticides	Soil
428-B2 (0-2)	CG27602	7/03/2020	Pesticides	Soil
428-B2 (10-12)	CG27603	7/03/2020	Pesticides	Soil
428-B3 (0-2)	CG27604	7/03/2020	Pesticides	Soil
428-B3 (10-12)	CG27605	7/03/2020	Pesticides	Soil
428-B4 (0-2)	CG27606	7/03/2020	Pesticides	Soil
428-B4 (10-12)	CG27607	7/03/2020	Pesticides	Soil
428-B5 (0-2)	CG27608	7/03/2020	Pesticides	Soil
428-B5 (10-12)	CG27609	7/03/2020	Pesticides	Soil
Soil Duplicate	CG27610	7/03/2020	Pesticides	Soil

Summary - Data validation was performed on the data for eleven (11) soil samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/03/2020 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 07/06/2020 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 07/07/2020 (ECD4) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 06/29/2020 (ECD7) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 07/08/2020 exhibited acceptable %Ds for all compounds on reporting column with the exception of beta-BHC (24% and 44%), endosulfan sulfate (38%), endrin aldehyde (32%). Results for endosulfan sulfate and beta-BHC were not reported from the analytical run.

Qualification: The result for endrin aldehyde was qualified as estimated (J) in Sample 428-B1 (10-12).

– All CCVs analyzed on 07/09/2020 exhibited acceptable %Ds for all compounds on reporting column with the exception of beta-BHC (42%) and Endosulfan sulfate (24%).

Qualification: Non-detect results for beta-BHC and endosulfan sulfate were qualified as estimated (UJ) in sample 428-B3 (0-2).

– All CCVs analyzed on 07/07/2020 exhibited acceptable %Ds for all compounds on reporting column with the exception of beta-BHC (34%), endosulfan sulfate (34%), and endrin aldehyde (38%).

Qualification: Non-detect results for beta-BHC, endosulfan sulfate, and endrin aldehyde were qualified as estimated (UJ) in samples 428-B3 (10-12), 428-B4 (0-2), 428-B4 (10-12), and 428-B5 (0-2).

– All CCVs analyzed on 07/07-08/2020 exhibited acceptable %Ds for all compounds on reporting column with the exception of beta-BHC (30% and 24%), endosulfan sulfate (40% and 32%), and endrin aldehyde (40% and 40%).

Qualification: Non-detect results for beta-BHC, endosulfan sulfate, and endrin aldehyde were qualified as estimated (UJ) in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), and 428-B5 (10-12). Non-detect results for endosulfan sulfate and beta-BHC were qualified as estimated (UJ) in sample 428-B1 (10-12).

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 (CG27603 BL) associated with the soil samples extracted on 07/06/2020 and analyzed on 07/07/2020 was free of contamination.

Qualification: None required.

– Method Blank (CG29315 BL) associated with the soil samples extracted on 07/06/2020 and analyzed on 07/07/2020 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CG27603 LCS was analyzed on 07/07/2020. All %RECs/RPDs were within the laboratory control limits with the exception of alpha-BHC (38% and 35%), delta-BHC (38% and 36%), gamma-BHC (39%), aldrin (37%), and 4,4'-DDE (39%).

Qualification: Non-detect results for alpha-BHC, delta-BHC, and gamma-BHC were qualified as estimated (UJ) in samples 428-B1 (0-2), 428-B1 (10-12), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (10-12), 428-B4 (0-2), 428-B4 (10-12), 428-B5 (0-2), 428-B5 (10-12), and soil duplicate. Results for 4,4'-DDE in samples 428-B1 (10-12) and soil duplicate were qualified as estimated (J). Result for aldrin in sample 428-B1 (10-12) was qualified as estimated (J). Non-detect results for aldrin in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (10-12), 428-B4 (0-2), 428-B4 (10-12), 428-B5 (0-2), 428-B5 (10-12), and Soil duplicate and 4,4'-DDE in samples 428-B1 (0-2), 428-B2 (0-2), 428-B2 (10-12), 428-B3 (10-12), 428-B4 (0-2), 428-B4 (10-12), 428-B5 (0-2), and 428-B5 (10-12) were qualified as estimated (UJ).

– Laboratory Control Sample associated with ID: CG29315 LCS was analyzed on 07/09/2020. All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Field Duplicate – One soil duplicate pair was submitted with this SDG. Sample Soil Duplicate (Lab Sample ID: CG27610) was the field duplicate sample of 428-B2 (0-2) (Lab Sample ID: CG27602). The FD sample results for detected pesticides in the FD sample pair are summarized in the table below. 4,4'-DDE and 4,4'-DDT were detected in the field sample but were non-detect in the field duplicate sample. Calculated %RPDs between detected FD sample results were < 50% (see below).

Lab Sample ID	CG27602		GCG27610		
Client Sample ID	428-B2 (0-2)		Soil Duplicate		
Collection Date	7/03/2020		7/03/2020		
Analyte	**Result (µg/Kg)**	**Flag**	**Result (µg/Kg)**	**Flag**	**%RPD**
4,4'-DDE	ND		4.5	J	NC
4,4'-DDT	ND		2.9		NC
Alpha-chlordane	23		12		62.9
Chlordane	110		63		54.3
Gamma-chlordane	14		7.9		55.7

NC – Not calculated. ND – Non-detect.

Qualification: Results for 4,4'-DDE and 4,4'-DDT were qualified as estimated (J/UJ) in FD pair samples (428-B2 (0-2) and Soil Duplicate). Results for alpha-chlordane, chlordane, and gamma-chlordane were qualified as estimated (J) in FD pair samples (428-B2 (0-2) and Soil Duplicate).

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428B2 (10-12) (CG27603). 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

CG27603 LCS

Alpha-BHC

On Column concentration (A) = 18.8461ng
Sample Weight= 15.0g
DF = 2
Vi= 5ml

$$\text{Concentration } (\mu g/kg)(dry) = \frac{18.8461ng \times 5ml \times 2}{15.0g} = 12.564\mu g/kg$$

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Alpha-BHC	12.6	12.6	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: GCG27600 at the end of the data validation report.

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG27600
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/27/2020
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428-B1 (0-2)	CG27600	7/03/2020	SVOC	Soil
428-B1 (10-12)	CG27601	7/03/2020	SVOC	Soil
428-B2 (0-2)	CG27602	7/03/2020	SVOC	Soil
428-B2 (10-12)	CG27603	7/03/2020	SVOC	Soil
428-B3 (0-2)	CG27604	7/03/2020	SVOC	Soil
428-B3 (10-12)	CG27605	7/03/2020	SVOC	Soil
428-B4 (0-2)	CG27606	7/03/2020	SVOC	Soil
428-B4 (10-12)	CG27607	7/03/2020	SVOC	Soil
428-B5 (0-2)	CG27608	7/03/2020	SVOC	Soil
428-B5 (10-12)	CG27609	7/03/2020	SVOC	Soil
Soil Duplicate	CG27610	7/03/2020	SVOC	Soil

Summary - Data validation was performed on the data for eleven (11) soil samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/03/2020 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 07/06/2020 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) –CRI analyzed %RECs were within the control limits with the exception of mercury.

Qualification: Results for mercury in samples 428-B1 (10-12), 428-B2 (10-12), 428-B3 (0-2), 428-B4 (0-2), 428-B4 (10-12), 428-B5 (0-2), and 428-B5 (10-12) were qualified estimated bias low (J-) and non-detect results in samples 428-B1 (0-2) and 428-B3 (10-12) were qualified as estimated (UJ). Results for mercury in samples 428-B2 (0-2) and Soil Duplicate were qualified as estimated (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 (CG27603 BLK) digested on 07/06/2020 was free of contamination.

Qualification: None required.

– All ICB and CCBs contained sodium (187 ug/L). Associated sample concentrations for sodium were greater than the CCB concentration.

Qualification: None required.

– Mercury – All ICB and CCBs was free of contamination.

Qualification: None required.

– Method Blank (CG25603 BLK) digested on 07/07/2020 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 — One field duplicate pair was included in this SDG. Sample Soil Duplicate (Lab Sample ID: CG27610) was the field duplicate sample of 428-B2 (0-2) (Lab Sample ID: CG27602). Mercury had a calculated %RPD > 50% for the duplicate pair. The FD sample results are summarized in the table below.

Client Sample ID:	428-B2 (0-2)		Soil Duplicate		
Lab Sample ID:	CG27602		CG27610		
Date Sampled:	07/03/2020		07/03/2020		
	Result (mg/Kg)		Result (mg/Kg)		RPD (%)
Aluminum	8300		8950		7.5
Arsenic	3.23		3.48		7.5
Barium	65.9		92.5		33.6
Beryllium	0.54		0.59		8.8
Cadmium	0.61		0.67		9.4
Calcium	1940		1890		2.6
Chromium	14.6		15.9		8.5
Cobalt	6.22		6.36		2.2
Copper	22.3		33.2		39.3
Iron	13700		14500		5.7
Lead	17.6		17.0		3.5
Magnesium	2820		3330		16.6
Manganese	315		316		0.3
Mercury	0.06	J	0.02	J	**100**
Nickel	15.3		15.2		0.7
Potassium	1070		1220		13.1
Sodium	145		173		17.6
Vanadium	25.2		27.8		9.8
Zinc	42.5		46.8		9.6

Qualification: Results for mercury in the field duplicate pair (428-B2 (0-2) and Soil Duplicate) were qualified as estimated (J).

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – ICP-AES and mercury – Matrix Spike (MS) was performed on sample 428-B2 (10-12) (CG27603). MS %Rec's were within control limits with the exception of barium (142%), potassium (331%), manganese (354%), and sodium (195%).

Qualification: Results for potassium, sodium, and barium in sample 428-B2 (10-12) was qualified as estimated bias high (J+). Result for manganese in sample 428-B2 (10-12) was qualified as estimated (J).

Sample Duplicate – ICP-AES – Laboratory Duplicate was performed on sample 428-B2 (10-12) (CG27603). Laboratory duplicate RPD was within control limit with the exception of manganese (37.7%).

Qualification: Result for manganese was qualified as estimated (J) in sample 428-B2 (10-12).

ICP-AES Serial Dilution – ICP serial dilution was performed on dissolved sample 428-B2 (10-12) (CG27603). For all results for which the concentration in the original sample is ≥ 50x the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit (%D ± 10%) with the exception of potassium.

Qualification: Result for potassium was qualified as estimated (J) in sample 428-B2 (10-12).

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: 428-B1 (0-2) (CG27600)

Aluminum

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=10.0

Concentration (mg/Kg) (dry wt.)= $\frac{10298.94ug/L \times 50 \times 10.0 \times 1L \times 1000g \times 1mg}{0.75 \times 0.92 \times 1000ml \times 1\ kg \times 1000ug}$ = 7463 mg/kg

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Aluminum	7460	7460	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: GCG27600 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: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG27600
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/26/2020
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428-B1 (0-2)	CG27600	7/03/2020	SVOC	Soil
428-B1 (10-12)	CG27601	7/03/2020	SVOC	Soil
428-B2 (0-2)	CG27602	7/03/2020	SVOC	Soil
428-B2 (10-12)	CG27603	7/03/2020	SVOC	Soil
428-B3 (0-2)	CG27604	7/03/2020	SVOC	Soil
428-B3 (10-12)	CG27605	7/03/2020	SVOC	Soil
428-B4 (0-2)	CG27606	7/03/2020	SVOC	Soil
428-B4 (10-12)	CG27607	7/03/2020	SVOC	Soil
428-B5 (0-2)	CG27608	7/03/2020	SVOC	Soil
428-B5 (10-12)	CG27609	7/03/2020	SVOC	Soil
Soil Duplicate	CG27610	7/03/2020	SVOC	Soil

Summary - Data validation was performed on the data for eleven (11) soil samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/03/2020 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 07/06/2020 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 07/08/2020 (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 07/08/2020 (CHEM33)-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 with the exception of nitrobenzene-d5 in sample 428-B3 (10-12).

Qualification: Non-detect result for 1,4-dioxane was qualified as estimated (UJ) in 428-B3 (10-12).

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 (CG27603 BLANK)-Scan for 1,4-dixone associated with the soil samples extracted on 07/07/2020 and analyzed on 07/08/2020 was free of contamination.

Qualification: None required.

Field Duplicate – One soil duplicate pair was submitted with this SDG. Sample Soil Duplicate (Lab Sample ID: CG27610) was the field duplicate sample of 428-B2 (0-2) (Lab Sample ID: CG27602). The results for 1,4-dioxane were non-detect in the FD sample pair.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428-B2 (10-12) (CG27603). 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

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(\text{Volume injected, } \mu L)(V)(\%Solids)}$$

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.
VE= final volume of concentrated extract

Sample: CG27603 LCS

1,4-Dioxane

Sample weight= 15.00g
Volume purged=100.0ml
DF = 1
%Solids=1

$$\text{Concentration } (\mu g/kg) \text{ (dry)} = \frac{467098 \times 100 \times 1 \times 1000}{948400 \times 2.107 \times 15.00} = 1558.33 \mu g/kg$$

Compound	Laboratory (µg/Kg)	Validation (µg/Kg)	%D
1,4-Dioxane	1558	1558	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: GCG27600 at the end of the data validation report.

118 HOPE ST 428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOILS
SDG: GCG27600

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (0-2)_20200703	CG27600	E160.3	7/3/2020	1	SOLIDS, PERCENT	92				
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	10	Aluminum	7460	mg/Kg		7.2	36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	10	Iron	13500	mg/Kg		36	36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	10	Manganese	335	mg/Kg		3.6	3.6
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Lead	9.2	mg/Kg		0.36	0.7
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Magnesium	2680	mg/Kg		3.6	3.6
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Nickel	16.8	mg/Kg		0.36	0.36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Potassium	1100	mg/Kg		2.8	7
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.36	0.36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Sodium	109	mg/Kg		3.1	7
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.4	1.4
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.6	3.6
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Arsenic	3.26	mg/Kg		0.72	0.72
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Barium	49.6	mg/Kg		0.36	0.7
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Beryllium	0.52	mg/Kg		0.14	0.29
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Cadmium	0.57	mg/Kg		0.36	0.36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Chromium	13.9	mg/Kg		0.36	0.36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Cobalt	5.92	mg/Kg		0.36	0.36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Copper	14.9	mg/Kg		0.36	0.7
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Vanadium	23.3	mg/Kg		0.36	0.36
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Zinc	32.1	mg/Kg		0.36	0.7
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Calcium	911	mg/Kg		3.3	3.6
428-B1 (0-2)_20200703	CG27600	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.2	1.4
428-B1 (0-2)_20200703	CG27600	SW7471	7/3/2020	2	Mercury		mg/Kg	UJ	0.02	0.03
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.1	2.1
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	2.1	2.1
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	a-Chlordane		ug/Kg	U	3.5	3.5
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	g-Chlordane		ug/Kg	U	3.5	3.5
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Chlordane		ug/Kg	U	35	35
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.5	3.5
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	35	35
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.1	2.1
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	7.0	7.0

118 HOPE ST 428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOILS
SDG: GCG27600

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	140	140
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	70	70
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.48	19
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	4.8	24
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	2.4	9.7
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.4	9.7
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.97	9.7

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	4.8	24
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.97	19
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Acetone		ug/Kg	U	4.8	24
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	1.9	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	4.8	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	19	97
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	4.8	29
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.48	4.8

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.97	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.48	4.8
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	120	360
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	160	360
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	89	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	170	290
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Phenol		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	88	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	U	93	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	100	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	130	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Chrysene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	U	120	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	U	250	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	72	220
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Aniline		ug/Kg	U	290	290
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	720	1800
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	110	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	100	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	130	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	95	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	U	93	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	120	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	140	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	130	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	140	220
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	250	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	230	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	210	360
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	100	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	110	250
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	130	180
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	720	360

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (0-2)_20200703	CG27600	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
428-B1 (0-2)_20200703	CG27600	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	72	72
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	3.5	3.5
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.0	7.0
428-B1 (0-2)_20200703	CG27600	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.4	1.4
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	4,4' -DDE	8.3	ug/Kg	J	2.2	2.2
428-B1 (10-12)_20200703	CG27601	E160.3	7/3/2020	1	SOLIDS, PERCENT	87				
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	10	Aluminum	8080	mg/Kg		7.5	37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	10	Iron	14400	mg/Kg		37	37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	10	Magnesium	5380	mg/Kg		37	37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	10	Manganese	220	mg/Kg		3.7	3.7
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	10	Zinc	212	mg/Kg		3.7	7.5
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	10	Calcium	46800	mg/Kg		34	37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Lead	195	mg/Kg		0.37	0.7
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Nickel	21.3	mg/Kg		0.37	0.37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Potassium	950	mg/Kg		2.9	7
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Silver	0.78	mg/Kg		0.37	0.37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Sodium	545	mg/Kg		3.2	7
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.5	1.5
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.7	3.7
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Arsenic	8.07	mg/Kg		0.75	0.75
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Barium	190	mg/Kg		0.37	0.7
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Beryllium	0.44	mg/Kg		0.15	0.30
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Cadmium	1.11	mg/Kg		0.37	0.37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Chromium	27.7	mg/Kg		0.37	0.37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Cobalt	6.47	mg/Kg		0.37	0.37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Copper	62.4	mg/Kg		0.37	0.7
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Vanadium	27.8	mg/Kg		0.37	0.37
428-B1 (10-12)_20200703	CG27601	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.3	1.5
428-B1 (10-12)_20200703	CG27601	SW7471	7/3/2020	5	Mercury	0.33	mg/Kg	J-	0.04	0.07
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Heptachlor epoxide	19	ug/Kg		7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	4,4' -DDT	28	ug/Kg		2.2	2.2
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.7	3.7
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.5	7.5

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	37	37
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	4,4' -DDD	24	ug/Kg		2.2	2.2
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Heptachlor	20	ug/Kg		7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	150	150
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	10	a-Chlordane	130	ug/Kg		19	19
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	10	g-Chlordane	120	ug/Kg		19	19
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	10	Chlordane	830	ug/Kg		190	190
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	10	Endrin aldehyde	150	ug/Kg	J	37	37
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1260		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1254	630	ug/Kg		370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1268		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1221		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1232		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1248		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1016		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1262		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8082	7/3/2020	10	PCB-1242		ug/Kg	U	370	370
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Ethylbenzene	3200	ug/Kg		120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Styrene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	cis-1,3-Dichloropropene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	trans-1,3-Dichloropropene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	n-Propylbenzene	3500	ug/Kg		240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	n-Butylbenzene	3200	ug/Kg		120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	4-Chlorotoluene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,4-Dichlorobenzene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2-Dibromoethane		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Acrolein		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2-Dichloroethane		ug/Kg	U	120	120
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Acrylonitrile		ug/Kg	U	120	4900
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	4-Methyl-2-pentanone		ug/Kg	U	1200	6100
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,3,5-Trimethylbenzene	4600	ug/Kg		120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Bromobenzene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Toluene	810	ug/Kg		120	700
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Chlorobenzene		ug/Kg	U	120	1100
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Tetrahydrofuran (THF)		ug/Kg	U	610	2400
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	trans-1,4-dichloro-2-butene		ug/Kg	U	610	2400
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2,4-Trichlorobenzene		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Dibromochloromethane		ug/Kg	U	240	1200

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Tetrachloroethene		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	sec-Butylbenzene	2100	ug/Kg		120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,3-Dichloropropane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	cis-1,2-Dichloroethene		ug/Kg	U	120	250
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	trans-1,2-Dichloroethene		ug/Kg	U	120	190
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Methyl t-butyl ether (MTBE)		ug/Kg	U	240	930
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	m&p-Xylene	11000	ug/Kg		240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	2-Isopropyltoluene	270	ug/Kg	J	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,3-Dichlorobenzene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Carbon tetrachloride		ug/Kg	U	240	760
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,1-Dichloropropene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	2-Hexanone		ug/Kg	U	1200	6100
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	2,2-Dichloropropane		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,1,1,2-Tetrachloroethane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Acetone		ug/Kg	U	1200	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Chloroform		ug/Kg	U	120	370
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Benzene	130	ug/Kg		120	120
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,1,1-Trichloroethane		ug/Kg	U	120	680
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Bromomethane		ug/Kg	U	490	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Chloromethane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Dibromomethane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Bromochloromethane		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Chloroethane		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Vinyl chloride		ug/Kg	U	120	120
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Methylene chloride		ug/Kg	U	490	490
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Carbon Disulfide		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Bromoform		ug/Kg	UJ	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Bromodichloromethane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,1-Dichloroethane		ug/Kg	UJ	240	270
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,1-Dichloroethene		ug/Kg	U	120	330
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Tert-butyl alcohol		ug/Kg	U	4900	24000
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Trichlorofluoromethane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Dichlorodifluoromethane		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Trichlorotrifluoroethane		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2-Dichloropropane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Methyl Ethyl Ketone		ug/Kg	U	490	490
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,1,2-Trichloroethane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Trichloroethene		ug/Kg	U	120	470
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,1,2,2-Tetrachloroethane		ug/Kg	U	240	1200

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2,3-Trichlorobenzene		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Hexachlorobutadiene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Naphthalene	2800	ug/Kg		240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	o-Xylene	5000	ug/Kg		240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	2-Chlorotoluene		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2-Dichlorobenzene		ug/Kg	U	120	1100
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2,4-Trimethylbenzene	18000	ug/Kg		120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2-Dibromo-3-chloropropane		ug/Kg	U	240	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	1,2,3-Trichloropropane		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	tert-Butylbenzene		ug/Kg	U	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	Isopropylbenzene	1200	ug/Kg	J	120	1200
428-B1 (10-12)_20200703	CG27601	SW8260	7/3/2020	200	p-Isopropyltoluene	1200	ug/Kg	J	120	1200
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	UJ	130	380
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	UJ	170	380
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	UJ	94	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	UJ	180	300
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	UJ	100	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Phenol		ug/Kg	UJ	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Pyridine		ug/Kg	UJ	93	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	UJ	100	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	UJ	100	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate	230	ug/Kg	J	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	U	97	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Anthracene	2900	ug/Kg		120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	UJ	130	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	UJ	150	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	UJ	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Dibenzofuran	1000	ug/Kg	J	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benzo(ghi)perylene	1800	ug/Kg	J	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene	2400	ug/Kg	J	130	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benzo(b)fluoranthene	3600	ug/Kg	J	130	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benzo(k)fluoranthene	3100	ug/Kg	J	130	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Chrysene	4200	ug/Kg	J	130	260

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benzo(a)pyrene	4100	ug/Kg	J	120	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	UJ	260	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	75	230
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Dibenz(a,h)anthracene	560	ug/Kg	J	120	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benz(a)anthracene	4800	ug/Kg	J	130	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	UJ	130	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	UJ	120	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	UJ	120	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Aniline		ug/Kg	UJ	300	300
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	UJ	750	1900
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	UJ	110	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	UJ	130	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Isophorone		ug/Kg	UJ	110	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	140	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Acenaphthene	1900	ug/Kg	J	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	UJ	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	100	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benzyl butyl phthalate	160	ug/Kg	J	97	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	UJ	140	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Fluorene	2400	ug/Kg	J	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Carbazole	1300	ug/Kg		150	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	UJ	140	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	140	230
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	UJ	120	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	260	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	240	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Naphthalene	2300	ug/Kg	J	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2-Methylnaphthalene	5800	ug/Kg	J	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	220	380
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	UJ	180	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	UJ	110	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	UJ	130	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	UJ	210	260

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Acetophenone		ug/Kg	UJ	120	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	UJ	130	190
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	UJ	750	380
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	UJ	150	260
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	10	Pyrene	8800	ug/Kg		1300	2600
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	10	Fluoranthene	11000	ug/Kg		1200	2600
428-B1 (10-12)_20200703	CG27601	SW8270	7/3/2020	10	Phenanthrene	9900	ug/Kg		1100	2600
428-B1 (10-12)_20200703	CG27601	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	74	74
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	Aldrin	27	ug/Kg	J	3.7	3.7
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.5	7.5
428-B1 (10-12)_20200703	CG27601	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.5	1.5
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.2	2.2
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.2	2.2
428-B2 (0-2)_20200703	CG27602	E160.3	7/3/2020	1	SOLIDS, PERCENT	89				
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	10	Aluminum	8300	mg/Kg		6.9	34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.4	3.4
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Arsenic	3.23	mg/Kg		0.69	0.69
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Barium	65.9	mg/Kg		0.34	0.7
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Beryllium	0.54	mg/Kg		0.14	0.27
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Cadmium	0.61	mg/Kg		0.34	0.34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Calcium	1940	mg/Kg		3.2	3.4
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Chromium	14.6	mg/Kg		0.34	0.34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Cobalt	6.22	mg/Kg		0.34	0.34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Copper	22.3	mg/Kg		0.34	0.7
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	10	Iron	13700	mg/Kg		34	34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Lead	17.6	mg/Kg		0.34	0.7
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Magnesium	2820	mg/Kg		3.4	3.4
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	10	Manganese	315	mg/Kg		3.4	3.4
428-B2 (0-2)_20200703	CG27602	SW7471	7/3/2020	2	Mercury	0.06	mg/Kg	J	0.02	0.03
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Nickel	15.3	mg/Kg		0.34	0.34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Potassium	1070	mg/Kg		2.7	7
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.2	1.4
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.34	0.34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Sodium	145	mg/Kg		2.9	7
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.4	1.4
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Vanadium	25.2	mg/Kg		0.34	0.34
428-B2 (0-2)_20200703	CG27602	SW6010	7/3/2020	1	Zinc	42.5	mg/Kg		0.34	0.7
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	UJ	2.2	2.2

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	a-Chlordane	23	ug/Kg	J	3.7	3.7
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	3.7	3.7
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Chlordane	110	ug/Kg	J	37	37
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.7	3.7
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.5	1.5
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	g-Chlordane	14	ug/Kg	J	3.7	3.7
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.45	18
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	4.5	22

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	2.2	9.0
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	9.0
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.90	9.0
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	4.5	22
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.90	18
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Acetone		ug/Kg	U	4.5	22
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	1.8	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	4.5	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	18	90

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	4.5	27
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.90	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.45	4.5
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	120	370
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	170	370
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	92	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	170	300
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Phenol		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	91	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	UJ	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	UJ	96	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	130	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	130	260

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	UJ	120	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	UJ	130	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	UJ	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	UJ	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	100	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Chrysene		ug/Kg	UJ	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	UJ	120	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	U	260	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	UJ	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Aniline		ug/Kg	U	300	300
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	740	1900
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	110	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	100	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	140	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	99	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	UJ	96	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	150	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	130	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	140	220
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	260	260

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	240	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	180	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	220	370
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	110	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	120	260
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	130	190
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	740	370
428-B2 (0-2)_20200703	CG27602	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
428-B2 (0-2)_20200703	CG27602	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	74	74
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	37	37
428-B2 (0-2)_20200703	CG27602	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	150	150
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.7	2.7
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	9.1	9.1
428-B2 (10-12)_20200703	CG27603	E160.3	7/3/2020	1	SOLIDS, PERCENT	71				
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	10	Aluminum	16000	mg/Kg		8.9	45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Antimony		mg/Kg	U	4.5	4.5
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Arsenic	4.40	mg/Kg		0.89	0.89
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Barium	106	mg/Kg	J+	0.45	0.9
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Beryllium	0.76	mg/Kg		0.18	0.36
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Cadmium	1.02	mg/Kg		0.45	0.45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Calcium	7580	mg/Kg		4.1	4.5
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Chromium	28.0	mg/Kg		0.45	0.45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Cobalt	10.4	mg/Kg		0.45	0.45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Copper	29.7	mg/Kg		0.45	0.9
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	10	Iron	26400	mg/Kg		45	45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Lead	118	mg/Kg		0.45	0.9
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Magnesium	3870	mg/Kg		4.5	4.5
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	10	Manganese	534	mg/Kg	J	4.5	4.5
428-B2 (10-12)_20200703	CG27603	SW7471	7/3/2020	2	Mercury	0.17	mg/Kg	J-	0.02	0.04
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Nickel	21.1	mg/Kg		0.45	0.45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Potassium	1600	mg/Kg	J	3.5	9
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.5	1.8

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.45	0.45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Sodium	323	mg/Kg	J+	3.8	9
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.8	1.8
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Vanadium	44.5	mg/Kg		0.45	0.45
428-B2 (10-12)_20200703	CG27603	SW6010	7/3/2020	1	Zinc	49.3	mg/Kg		0.45	0.9
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	2.7	2.7
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	a-Chlordane		ug/Kg	U	4.6	4.6
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	g-Chlordane		ug/Kg	U	4.6	4.6
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Chlordane		ug/Kg	U	46	46
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	4.6	4.6
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Endrin		ug/Kg	U	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	46	46
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.7	2.7
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	180	180
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	n-Propylbenzene		ug/Kg	UJ	89	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	n-Butylbenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	4-Chlorotoluene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,4-Dichlorobenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,3,5-Trimethylbenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	Bromobenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	trans-1,4-dichloro-2-butene		ug/Kg	UJ	220	890
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,2,4-Trichlorobenzene		ug/Kg	UJ	89	440

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	sec-Butylbenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	2-Isopropyltoluene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,3-Dichlorobenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,1,2,2-Tetrachloroethane		ug/Kg	UJ	89	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,2,3-Trichlorobenzene		ug/Kg	UJ	89	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	Hexachlorobutadiene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	Naphthalene		ug/Kg	UJ	89	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	2-Chlorotoluene		ug/Kg	UJ	89	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,2-Dichlorobenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,2,4-Trimethylbenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	89	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	1,2,3-Trichloropropane		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	tert-Butylbenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	Isopropylbenzene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	50	p-Isopropyltoluene		ug/Kg	UJ	44	440
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Styrene		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Acrolein		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	1.1	45
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	11	56
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Toluene		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	5.6	22
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	2.2	22
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	11	56
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	2.2	11

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Acetone	68	ug/Kg	J	11	50
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Benzene		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Bromomethane		ug/Kg	UJ	4.5	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Chloromethane		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Chloroethane		ug/Kg	UJ	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	UJ	11	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	UJ	45	220
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	UJ	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Methyl Ethyl Ketone	17	ug/Kg	J	11	67
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	1.1	11
428-B2 (10-12)_20200703	CG27603	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	2.2	11
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	150	460
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	210	460
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	110	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	210	370
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Phenol		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	110	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	120	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	U	120	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	130	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	150	320

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	160	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	180	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	160	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	U	160	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Chrysene		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	U	150	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	UJ	320	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	92	270
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	U	150	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	160	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	140	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	150	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Aniline		ug/Kg	U	370	370
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	920	2300
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	UJ	140	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	150	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	UJ	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	130	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	170	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	120	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	U	120	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	180	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	150	320

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	180	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	170	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	170	270
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	150	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	320	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	290	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	U	220	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Benzidine		ug/Kg	UJ	270	460
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	220	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	130	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	160	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	250	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	140	320
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	160	230
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	920	460
428-B2 (10-12)_20200703	CG27603	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)	260	ug/Kg	J	180	320
428-B2 (10-12)_20200703	CG27603	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	91	91
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	4.6	4.6
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	9.1	9.1
428-B2 (10-12)_20200703	CG27603	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.8	1.8
428-B3 (0-2)_20200703	CG27604	E160.3	7/3/2020	1	SOLIDS, PERCENT	88				
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	10	Aluminum	15300	mg/Kg		7.0	35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	10	Iron	30900	mg/Kg		35	35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	10	Manganese	373	mg/Kg		3.5	3.5
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Lead	40.9	mg/Kg		0.35	0.7
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Magnesium	3110	mg/Kg		3.5	3.5
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Nickel	16.6	mg/Kg		0.35	0.35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Potassium	1320	mg/Kg		2.7	7
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.35	0.35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Sodium	121	mg/Kg		3.0	7
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.4	1.4
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.5	3.5
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Arsenic	3.69	mg/Kg		0.70	0.70
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Barium	99.9	mg/Kg		0.35	0.7
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Beryllium	0.71	mg/Kg		0.14	0.28

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Cadmium	1.06	mg/Kg		0.35	0.35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Chromium	34.1	mg/Kg		0.35	0.35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Cobalt	8.25	mg/Kg		0.35	0.35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Copper	27.3	mg/Kg		0.35	0.7
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Vanadium	46.3	mg/Kg		0.35	0.35
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Zinc	55.9	mg/Kg		0.35	0.7
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Calcium	1570	mg/Kg		3.2	3.5
428-B3 (0-2)_20200703	CG27604	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.2	1.4
428-B3 (0-2)_20200703	CG27604	SW7471	7/3/2020	2	Mercury	0.19	mg/Kg	J-	0.02	0.03
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Aldrin		ug/Kg	U	3.8	3.8
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	a-BHC		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	d-BHC		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	2.3	2.3
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	a-Chlordane		ug/Kg	U	3.8	3.8
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	g-Chlordane		ug/Kg	U	3.8	3.8
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Chlordane		ug/Kg	U	38	38
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	g-BHC		ug/Kg	U	1.5	1.5
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.8	3.8
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	38	38
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.3	2.3
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	U	2.3	2.3
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	150	150
428-B3 (0-2)_20200703	CG27604	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.6	7.6
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	74	74

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (0-2)_20200703	CG27604	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	74	74
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.40	16
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	4.0	20
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	2.0	8.1
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.0	8.1
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.81	8.1
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	4.0	20
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.81	16
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Acetone		ug/Kg	U	4.0	20
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.40	4.0

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	1.6	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	4.0	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	16	81
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	4.0	24
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.81	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.40	4.0
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	130	380
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	170	380
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	94	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	260

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	180	300
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Phenol		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	93	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	UJ	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	UJ	98	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	130	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	U	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Chrysene		ug/Kg	UJ	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	U	120	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	U	260	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	76	230
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	UJ	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Aniline		ug/Kg	U	300	300
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	760	1900
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	110	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	U	120	260

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	110	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	140	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	100	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	UJ	98	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	150	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	150	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	140	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	140	230
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	260	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	240	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	180	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	220	380
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	110	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	210	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	120	260
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	130	190
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	760	380
428-B3 (0-2)_20200703	CG27604	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
428-B3 (0-2)_20200703	CG27604	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	74	74
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.3	2.3
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.8	7.8
428-B3 (10-12)_20200703	CG27605	E160.3	7/3/2020	1	SOLIDS, PERCENT	84				
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	10	Aluminum	15800	mg/Kg		7.1	35
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	10	Iron	34900	mg/Kg		35	35
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	10	Manganese	210	mg/Kg		3.5	3.5
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Lead	8.7	mg/Kg		0.35	0.7
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Magnesium	2590	mg/Kg		3.5	3.5
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Nickel	18.1	mg/Kg		0.35	0.35

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Potassium	1330	mg/Kg		2.8	7
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.35	0.35
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Sodium	121	mg/Kg		3.0	7
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.4	1.4
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.5	3.5
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Arsenic	1.88	mg/Kg		0.71	0.71
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Barium	73.4	mg/Kg		0.35	0.7
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Beryllium	0.65	mg/Kg		0.14	0.28
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Cadmium	1.12	mg/Kg		0.35	0.35
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Chromium	32.6	mg/Kg		0.35	0.35
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Cobalt	9.25	mg/Kg		0.35	0.35
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Copper	24.1	mg/Kg		0.35	0.7
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Vanadium	49.1	mg/Kg		0.35	0.35
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Zinc	41.6	mg/Kg		0.35	0.7
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Calcium	1220	mg/Kg		3.3	3.5
428-B3 (10-12)_20200703	CG27605	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.2	1.4
428-B3 (10-12)_20200703	CG27605	SW7471	7/3/2020	2	Mercury		mg/Kg	UJ	0.02	0.03
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	2.3	2.3
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	a-Chlordane		ug/Kg	U	3.9	3.9
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	g-Chlordane		ug/Kg	U	3.9	3.9
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Chlordane		ug/Kg	U	39	39
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.9	3.9
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	39	39
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.3	2.3
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	3.9	3.9
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	160	160
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	78	78

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428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	78	78
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.66	26
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	6.6	33
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	3.3	13
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.3	13
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	6.6	33
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.3	26
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	2.6	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	6.6	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	1.3	6.6

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	UJ	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	26	130
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Methyl Ethyl Ketone	15	ug/Kg	J	6.6	40
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.66	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	1.3	6.6
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	n-Propylbenzene		ug/Kg	UJ	70	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	n-Butylbenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	4-Chlorotoluene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,4-Dichlorobenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,3,5-Trimethylbenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	Bromobenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	Toluene	170	ug/Kg		35	140
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	trans-1,4-dichloro-2-butene		ug/Kg	UJ	180	700
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,2,4-Trichlorobenzene		ug/Kg	UJ	70	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	sec-Butylbenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	2-Isopropyltoluene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,3-Dichlorobenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,1,2,2-Tetrachloroethane		ug/Kg	UJ	70	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,2,3-Trichlorobenzene		ug/Kg	UJ	70	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	Hexachlorobutadiene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	Naphthalene		ug/Kg	UJ	70	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	2-Chlorotoluene		ug/Kg	UJ	70	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,2-Dichlorobenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,2,4-Trimethylbenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	70	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	1,2,3-Trichloropropane		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	tert-Butylbenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	Isopropylbenzene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	50	p-Isopropyltoluene		ug/Kg	UJ	35	350
428-B3 (10-12)_20200703	CG27605	SW8260	7/3/2020	1	Acetone	40	ug/Kg		6.0	30
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	130	390

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428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	170	390
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	96	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	180	310
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Phenol		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	95	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	U	100	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	140	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Chrysene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	U	130	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	U	270	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	77	230
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	U	130	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Aniline		ug/Kg	U	310	310
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	110	270

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	770	1900
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	120	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	110	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	140	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	100	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	U	100	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	130	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	150	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	140	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	150	230
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	270	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	240	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	230	390
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	110	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	120	270
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	140	190
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	770	390
428-B3 (10-12)_20200703	CG27605	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
428-B3 (10-12)_20200703	CG27605	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	UJ	79	79
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.8	7.8
428-B3 (10-12)_20200703	CG27605	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.6	1.6
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.3	2.3
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.5	7.5
428-B4 (0-2)_20200703	CG27606	E160.3	7/3/2020	1	SOLIDS, PERCENT	86				

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	10	Aluminum	11600	mg/Kg		8.1	40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	10	Iron	37800	mg/Kg		40	40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	10	Manganese	259	mg/Kg		4.0	4.0
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	10	Copper	274	mg/Kg		4.0	8.1
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	10	Zinc	1440	mg/Kg		4.0	8.1
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Lead	616	mg/Kg		0.40	0.8
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Magnesium	2690	mg/Kg		4.0	4.0
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Nickel	23.5	mg/Kg		0.40	0.40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Potassium	1230	mg/Kg		3.1	8
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Silver	0.42	mg/Kg		0.40	0.40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Sodium	175	mg/Kg		3.5	8
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.6	1.6
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Antimony		mg/Kg	U	4.0	4.0
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Arsenic	11.1	mg/Kg		0.81	0.81
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Barium	465	mg/Kg		0.40	0.8
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Beryllium	0.59	mg/Kg		0.16	0.32
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Cadmium	3.79	mg/Kg		0.40	0.40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Chromium	35.0	mg/Kg		0.40	0.40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Cobalt	8.24	mg/Kg		0.40	0.40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Vanadium	35.5	mg/Kg		0.40	0.40
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Calcium	2800	mg/Kg		3.7	4.0
428-B4 (0-2)_20200703	CG27606	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.4	1.6
428-B4 (0-2)_20200703	CG27606	SW7471	7/3/2020	5	Mercury	0.46	mg/Kg	J-	0.04	0.07
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	3.8	3.8
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	2.3	2.3
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	a-Chlordane		ug/Kg	U	3.8	3.8
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	g-Chlordane		ug/Kg	U	3.8	3.8
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Chlordane		ug/Kg	U	38	38
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.8	3.8
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	38	38
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.3	2.3
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.5	7.5

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	150	150
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	75	75
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.49	20
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	4.9	25
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	9.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.99	9.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	4.9	25
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.99	20
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Acetone		ug/Kg	U	4.9	25
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.49	4.9

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	2.0	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	4.9	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	20	99
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	4.9	30
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.49	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	0.99	4.9
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	n-Propylbenzene		ug/Kg	UJ	57	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	n-Butylbenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	4-Chlorotoluene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,4-Dichlorobenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,3,5-Trimethylbenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	Bromobenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	trans-1,4-dichloro-2-butene		ug/Kg	UJ	140	570
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,2,4-Trichlorobenzene		ug/Kg	UJ	57	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	sec-Butylbenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	2-Isopropyltoluene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,3-Dichlorobenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,1,2,2-Tetrachloroethane		ug/Kg	UJ	57	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,2,3-Trichlorobenzene		ug/Kg	UJ	57	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	Hexachlorobutadiene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	Naphthalene	1500	ug/Kg	J	57	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	2-Chlorotoluene		ug/Kg	UJ	57	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,2-Dichlorobenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,2,4-Trimethylbenzene		ug/Kg	UJ	29	290

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DATA SUMMARY TABLE
SOILS
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	57	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	1,2,3-Trichloropropane		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	tert-Butylbenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	Isopropylbenzene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8260	7/3/2020	50	p-Isopropyltoluene		ug/Kg	UJ	29	290
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	130	390
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	170	390
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2,4-Dimethylphenol	440	ug/Kg		96	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	180	310
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Phenol		ug/Kg	U	120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	95	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	UJ	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	UJ	99	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	140	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Dibenzofuran	5300	ug/Kg		110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Benzo(a)pyrene	19000	ug/Kg	J	1300	1900
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Benzo(b)fluoranthene	15000	ug/Kg	J	1300	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Acenaphthylene	1100	ug/Kg		110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	U	270	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	77	230
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Benzo(ghi)perylene	3800	ug/Kg	J	120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Aniline		ug/Kg	U	310	310
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	770	1900
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	120	190

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	110	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	140	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Acenaphthene	5400	ug/Kg		120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	100	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	UJ	99	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Fluorene	4800	ug/Kg		130	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Carbazole	4400	ug/Kg		150	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	140	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	150	230
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	270	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	240	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2-Methylnaphthalene	3900	ug/Kg		110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	180	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	230	390
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)	340	ug/Kg		180	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	110	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	120	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	130	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	770	390
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)	640	ug/Kg		150	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Anthracene	11000	ug/Kg		1300	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Pyrene	41000	ug/Kg		1300	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Benzo(k)fluoranthene	14000	ug/Kg	J	1300	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Fluoranthene	44000	ug/Kg		1200	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Dibenz(a,h)anthracene	2600	ug/Kg	J	120	190
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Chrysene	21000	ug/Kg	J	1300	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene	6700	ug/Kg	J	130	270
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Benz(a)anthracene	22000	ug/Kg	J	1300	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Phenanthrene	44000	ug/Kg		1100	2700
428-B4 (0-2)_20200703	CG27606	SW8270	7/3/2020	10	Naphthalene	11000	ug/Kg		1100	2700

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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (0-2)_20200703	CG27606	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	77	77
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.5	7.5
428-B4 (0-2)_20200703	CG27606	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.5	1.5
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.8	2.8
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	4.6	4.6
428-B4 (10-12)_20200703	CG27607	E160.3	7/3/2020	1	SOLIDS, PERCENT	71				
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	10	Iron	45100	mg/Kg		45	45
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	10	Manganese	1100	mg/Kg		4.5	4.5
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Lead	130	mg/Kg		0.45	0.9
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Magnesium	6260	mg/Kg		4.5	4.5
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Nickel	38.1	mg/Kg		0.45	0.45
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Potassium	2710	mg/Kg		3.5	9
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.45	0.45
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Sodium	380	mg/Kg		3.9	9
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.8	1.8
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Antimony		mg/Kg	U	4.5	4.5
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Arsenic	5.52	mg/Kg		0.90	0.90
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Barium	159	mg/Kg		0.45	0.9
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Beryllium	1.28	mg/Kg		0.18	0.36
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Cadmium	1.77	mg/Kg		0.45	0.45
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Chromium	49.4	mg/Kg		0.45	0.45
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Cobalt	17.8	mg/Kg		0.45	0.45
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Copper	48.9	mg/Kg		0.45	0.9
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Vanadium	64.0	mg/Kg		0.45	0.45
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Calcium	4160	mg/Kg		4.2	4.5
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.5	1.8
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	100	Aluminum	32400	mg/Kg		90	450
428-B4 (10-12)_20200703	CG27607	SW6010	7/3/2020	100	Zinc	113	mg/Kg		45	90
428-B4 (10-12)_20200703	CG27607	SW7471	7/3/2020	5	Mercury	0.28	mg/Kg	J-	0.06	0.09
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	2.8	2.8
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	a-Chlordane		ug/Kg	U	4.6	4.6
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	g-Chlordane		ug/Kg	U	4.6	4.6
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Chlordane		ug/Kg	U	46	46

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	4.6	4.6
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Endrin		ug/Kg	U	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	46	46
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.8	2.8
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	180	180
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	92	92
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.67	27
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	6.7	33
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	3.3	13
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.3	13
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	1.3	6.7

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.3	13
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	6.7	33
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.3	27
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Acetone	77	ug/Kg		6.7	33
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	2.7	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	6.7	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	UJ	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	27	130
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Methyl Ethyl Ketone	17	ug/Kg	J	6.7	40
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.3	6.7

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	3.6	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.3	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.67	6.7
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	150	460
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	210	460
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	110	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	210	370
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Phenol		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	110	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	120	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	U	120	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	130	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	160	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	180	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	160	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	U	160	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Chrysene		ug/Kg	U	150	320

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	U	150	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	U	320	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	92	280
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	U	150	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	160	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	150	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	150	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Aniline		ug/Kg	U	370	370
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	920	2300
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	140	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	130	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	170	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	120	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	U	120	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	180	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	150	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	180	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	170	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	170	280
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	150	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	320	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	290	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	U	220	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	270	460
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	220	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	130	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	130	320

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	160	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	250	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	140	320
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	160	230
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	920	460
428-B4 (10-12)_20200703	CG27607	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	180	320
428-B4 (10-12)_20200703	CG27607	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	93	93
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	9.2	9.2
428-B4 (10-12)_20200703	CG27607	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.8	1.8
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.2	2.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	3.6	3.6
428-B5 (0-2)_20200703	CG27608	E160.3	7/3/2020	1	SOLIDS, PERCENT	90				
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	10	Aluminum	10500	mg/Kg		6.8	34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	10	Iron	18300	mg/Kg		34	34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	10	Manganese	379	mg/Kg		3.4	3.4
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Lead	14.0	mg/Kg		0.34	0.7
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Magnesium	4910	mg/Kg		3.4	3.4
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Nickel	19.2	mg/Kg		0.34	0.34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Potassium	1410	mg/Kg		2.6	7
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.34	0.34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Sodium	156	mg/Kg		2.9	7
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.4	1.4
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.4	3.4
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Arsenic	3.54	mg/Kg		0.68	0.68
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Barium	65.2	mg/Kg		0.34	0.7
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Beryllium	0.65	mg/Kg		0.14	0.27
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Cadmium	0.73	mg/Kg		0.34	0.34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Chromium	18.1	mg/Kg		0.34	0.34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Cobalt	9.17	mg/Kg		0.34	0.34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Copper	23.8	mg/Kg		0.34	0.7
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Vanadium	29.0	mg/Kg		0.34	0.34
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Zinc	51.0	mg/Kg		0.34	0.7
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Calcium	3030	mg/Kg		3.1	3.4
428-B5 (0-2)_20200703	CG27608	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.2	1.4
428-B5 (0-2)_20200703	CG27608	SW7471	7/3/2020	2	Mercury	0.06	mg/Kg	J-	0.02	0.03
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.2	7.2

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	3.1	3.1
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	a-Chlordane		ug/Kg	U	3.6	3.6
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	g-Chlordane		ug/Kg	U	3.6	3.6
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Chlordane		ug/Kg	U	36	36
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.6	3.6
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	36	36
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.2	2.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	140	140
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.2	7.2
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	72	72
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.53	21
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	5.3	26
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.53	5.3

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	11
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	11
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.1	11
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	5.3	26
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	21
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Acetone		ug/Kg	U	5.3	26
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	2.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	5.3	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	UJ	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	21	110
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.53	5.3

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	5.3	32
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.1	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.53	5.3
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	120	360
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	160	360
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	89	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	170	290
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Phenol		ug/Kg	U	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	89	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	UJ	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	UJ	93	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	130	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	110	250

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	UJ	120	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	UJ	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	UJ	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	UJ	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Chrysene		ug/Kg	UJ	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	UJ	120	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	U	250	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	72	220
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	UJ	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Aniline		ug/Kg	U	290	290
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	U	720	1800
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	110	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	100	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	130	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	96	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	UJ	93	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	120	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	140	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	130	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	140	220
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	UJ	250	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	230	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	100	250

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	170	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	210	360
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	100	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	110	250
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	130	180
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	720	360
428-B5 (0-2)_20200703	CG27608	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
428-B5 (0-2)_20200703	CG27608	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	73	73
428-B5 (0-2)_20200703	CG27608	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.4	1.4
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	4,4' -DDE		ug/Kg	UJ	2.3	2.3
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	3.8	3.8
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.6	7.6
428-B5 (10-12)_20200703	CG27609	E160.3	7/3/2020	1	SOLIDS, PERCENT	87				
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	10	Aluminum	9520	mg/Kg		7.9	39
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	10	Iron	36600	mg/Kg		39	39
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	10	Manganese	388	mg/Kg		3.9	3.9
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Lead	8.0	mg/Kg		0.39	0.8
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Magnesium	1710	mg/Kg		3.9	3.9
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Nickel	12.4	mg/Kg		0.39	0.39
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Potassium	1080	mg/Kg		3.1	8
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.39	0.39
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Sodium	106	mg/Kg		3.4	8
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.6	1.6
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.9	3.9
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Arsenic	2.32	mg/Kg		0.79	0.79
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Barium	65.7	mg/Kg		0.39	0.8
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Beryllium	0.51	mg/Kg		0.16	0.31
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Cadmium	1.07	mg/Kg		0.39	0.39
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Chromium	28.2	mg/Kg		0.39	0.39
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Cobalt	7.44	mg/Kg		0.39	0.39
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Copper	18.5	mg/Kg		0.39	0.8
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Vanadium	45.6	mg/Kg		0.39	0.39

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Zinc	34.5	mg/Kg		0.39	0.8
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Calcium	1060	mg/Kg		3.6	3.9
428-B5 (10-12)_20200703	CG27609	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.3	1.6
428-B5 (10-12)_20200703	CG27609	SW7471	7/3/2020	2	Mercury	0.16	mg/Kg	J-	0.02	0.03
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	UJ	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	b-BHC		ug/Kg	UJ	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	4,4' -DDT		ug/Kg	U	2.3	2.3
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	a-Chlordane	6.8	ug/Kg		3.8	3.8
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	g-Chlordane	6.4	ug/Kg		3.8	3.8
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Chlordane	40	ug/Kg		15	15
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.8	3.8
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	38	38
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.3	2.3
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	UJ	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	150	150
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.6	7.6
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	76	76
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.30	3.0

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428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.30	12
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	3.0	15
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	1.5	6.1
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.5	6.1
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.61	6.1
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	3.0	15
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.61	12
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Acetone		ug/Kg	U	3.0	15
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	1.2	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	3.0	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	0.61	3.0

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	UJ	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	12	61
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	3.0	18
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.61	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.30	3.0
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	130	380
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	170	380
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	94	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	180	300
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Phenol		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	93	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	U	98	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	270

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	130	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Chrysene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	U	120	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	UJ	270	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	76	230
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Aniline		ug/Kg	U	300	300
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	UJ	760	1900
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	110	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	110	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	140	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	100	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	U	98	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	150	190

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	140	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	140	230
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	U	270	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	240	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	220	380
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	110	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	120	270
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	130	190
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	760	380
428-B5 (10-12)_20200703	CG27609	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
428-B5 (10-12)_20200703	CG27609	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	75	75
428-B5 (10-12)_20200703	CG27609	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.5	1.5
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	4,4' -DDD		ug/Kg	U	2.2	2.2
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	4,4' -DDE	4.5	ug/Kg	J	2.2	2.2
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	4,4' -DDT	2.9	ug/Kg	J	2.2	2.2
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	a-BHC		ug/Kg	UJ	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	E160.3	7/3/2020	1	SOLIDS, PERCENT	89				
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	10	Aluminum	8950	mg/Kg		7.5	37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Antimony		mg/Kg	U	3.7	3.7
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Arsenic	3.48	mg/Kg		0.75	0.75
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Barium	92.5	mg/Kg		0.37	0.7
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Beryllium	0.59	mg/Kg		0.15	0.30
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Cadmium	0.67	mg/Kg		0.37	0.37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Calcium	1890	mg/Kg		3.4	3.7
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Chromium	15.9	mg/Kg		0.37	0.37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Cobalt	6.36	mg/Kg		0.37	0.37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Copper	33.2	mg/Kg		0.37	0.7
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	10	Iron	14500	mg/Kg		37	37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Lead	17.0	mg/Kg		0.37	0.7
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Magnesium	3330	mg/Kg		3.7	3.7

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	10	Manganese	316	mg/Kg		3.7	3.7
SOIL DUPLICATE_20200703	CG27610	SW7471	7/3/2020	2	Mercury	0.02	mg/Kg	J	0.02	0.03
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Nickel	15.2	mg/Kg		0.37	0.37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Potassium	1220	mg/Kg		2.9	7
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Selenium		mg/Kg	U	1.3	1.5
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Silver		mg/Kg	U	0.37	0.37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Sodium	173	mg/Kg		3.2	7
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Thallium		mg/Kg	U	1.5	1.5
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Vanadium	27.8	mg/Kg		0.37	0.37
SOIL DUPLICATE_20200703	CG27610	SW6010	7/3/2020	1	Zinc	46.8	mg/Kg		0.37	0.7
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	a-Chlordane	12	ug/Kg	J	3.7	3.7
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Aldrin		ug/Kg	UJ	3.7	3.7
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	b-BHC		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Chlordane	63	ug/Kg	J	37	37
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	d-BHC		ug/Kg	UJ	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Dieldrin		ug/Kg	U	3.7	3.7
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Endosulfan I		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Endosulfan II		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Endosulfan sulfate		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Endrin		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Endrin aldehyde		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Endrin ketone		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	g-BHC		ug/Kg	UJ	1.5	1.5
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	g-Chlordane	7.9	ug/Kg	J	3.7	3.7
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Heptachlor		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Heptachlor epoxide		ug/Kg	U	7.3	7.3
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Methoxychlor		ug/Kg	U	37	37
SOIL DUPLICATE_20200703	CG27610	SW8081	7/3/2020	2	Toxaphene		ug/Kg	U	150	150
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1260		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1254		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1268		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1221		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1232		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1248		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1016		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1262		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8082	7/3/2020	2	PCB-1242		ug/Kg	U	73	73
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.42	4.2

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.42	17
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	4.2	21
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	2.1	8.3
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.3
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.83	8.3
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	4.2	21
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.83	17
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Acetone		ug/Kg	U	4.2	21
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	1.7	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	0.83	4.2

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	4.2	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	UJ	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	17	83
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	4.2	25
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.83	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.42	4.2
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	4-Nitroaniline		ug/Kg	U	120	360
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	4-Nitrophenol		ug/Kg	U	160	360
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2,4-Dimethylphenol		ug/Kg	U	90	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	4-Chloroaniline		ug/Kg	U	170	290
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Phenol		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Pyridine		ug/Kg	U	89	250

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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Di-n-octylphthalate		ug/Kg	U	94	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Hexachlorobenzene		ug/Kg	U	110	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Anthracene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2,4-Dichlorophenol		ug/Kg	U	130	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Pyrene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Dimethylphthalate		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Dibenzofuran		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benzo(ghi)perylene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Fluoranthene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Acenaphthylene		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Chrysene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benzo(a)pyrene		ug/Kg	U	120	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	73	220
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benz(a)anthracene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Aniline		ug/Kg	U	290	290
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benzoic acid		ug/Kg	UJ	730	1800
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Hexachloroethane		ug/Kg	U	110	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Isophorone		ug/Kg	U	100	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Pentachloronitrobenzene		ug/Kg	U	140	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Acenaphthene		ug/Kg	U	110	250

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Diethyl phthalate		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Di-n-butylphthalate		ug/Kg	U	97	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Phenanthrene		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benzyl butyl phthalate		ug/Kg	U	94	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Fluorene		ug/Kg	U	120	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Carbazole		ug/Kg	U	150	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	130	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Pentachlorophenol		ug/Kg	U	140	220
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2-Nitroaniline		ug/Kg	U	250	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2-Nitrophenol		ug/Kg	UJ	230	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Naphthalene		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2-Methylnaphthalene		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2-Chloronaphthalene		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Benzidine		ug/Kg	U	210	360
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2-Chlorophenol		ug/Kg	U	100	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Acetophenone		ug/Kg	U	110	250
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	Nitrobenzene		ug/Kg	U	130	180
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	3-Nitroaniline		ug/Kg	U	730	360
SOIL DUPLICATE_20200703	CG27610	SW8270	7/3/2020	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
SOIL DUPLICATE_20200703	CG27610	SW8270C-SIM	7/3/2020	1	1,4-dioxane		ug/Kg	U	74	74
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Ethylbenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Styrene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	cis-1,3-Dichloropropene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	trans-1,3-Dichloropropene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	n-Propylbenzene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	n-Butylbenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	4-Chlorotoluene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,4-Dichlorobenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2-Dibromoethane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Acrolein		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2-Dichloroethane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Acrylonitrile		ug/Kg	U	25	1000

118 HOPE ST 428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOILS
SDG: GCG27600

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	4-Methyl-2-pentanone		ug/Kg	U	250	1300
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,3,5-Trimethylbenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Bromobenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Toluene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Chlorobenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Tetrahydrofuran (THF)		ug/Kg	U	130	500
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	500
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2,4-Trichlorobenzene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,4-dioxane		ug/Kg	U	2000	3800
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Dibromochloromethane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Tetrachloroethene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	sec-Butylbenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,3-Dichloropropane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	cis-1,2-Dichloroethene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	trans-1,2-Dichloroethene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	50	500
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	m&p-Xylene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	2-Isopropyltoluene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,3-Dichlorobenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Carbon tetrachloride		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,1-Dichloropropene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	2-Hexanone		ug/Kg	U	250	1300
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	2,2-Dichloropropane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	50	1000
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Acetone		ug/Kg	U	250	1300
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Chloroform		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Benzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,1,1-Trichloroethane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Bromomethane		ug/Kg	U	100	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Chloromethane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Dibromomethane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Bromochloromethane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Chloroethane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Vinyl chloride		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Methylene chloride		ug/Kg	U	250	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Carbon Disulfide		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Bromoform		ug/Kg	UJ	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Bromodichloromethane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,1-Dichloroethane		ug/Kg	U	50	250

118 HOPE ST 428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOILS
SDG: GCG27600

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,1-Dichloroethene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Tert-butyl alcohol		ug/Kg	U	1000	5000
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Trichlorofluoromethane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Dichlorodifluoromethane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Trichlorotrifluoroethane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2-Dichloropropane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Methyl Ethyl Ketone		ug/Kg	U	250	1500
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,1,2-Trichloroethane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Trichloroethene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2,3-Trichlorobenzene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Hexachlorobutadiene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Naphthalene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	o-Xylene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	2-Chlorotoluene		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2-Dichlorobenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2,4-Trimethylbenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	50	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	1,2,3-Trichloropropane		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	tert-Butylbenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	Isopropylbenzene		ug/Kg	U	25	250
CG27611-TB_20200703	CG27611	SW8260	7/3/2020	50	p-Isopropyltoluene		ug/Kg	U	25	250
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Ethylbenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Styrene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Acrolein		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Acrylonitrile		ug/Kg	U	0.50	20
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Bromobenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Toluene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Chlorobenzene		ug/Kg	U	0.50	5.0

118 HOPE ST 428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOILS
SDG: GCG27600

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,4-dioxane		ug/Kg	U	40	75
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	m&p-Xylene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	2-Hexanone		ug/Kg	U	5.0	25
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Acetone		ug/Kg	U	5.0	25
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Chloroform		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Benzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Bromomethane		ug/Kg	U	2.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Chloromethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Dibromomethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Bromochloromethane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Chloroethane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Vinyl chloride		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Methylene chloride		ug/Kg	U	5.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Bromoform		ug/Kg	UJ	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Tert-butyl alcohol		ug/Kg	U	20	100
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0

118 HOPE ST 428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
SOILS
SDG: GCG27600

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Trichloroethene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Naphthalene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	o-Xylene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
CG27612-TB_20200703	CG27612	SW8260	7/3/2020	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG28443
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/25/20
KGS Reviewer: Sherri Pullar	Project: 3020

Lab Sample ID	Client Sample ID	Collection Date	Analysis	Matrix
CG28443	SV3	07/06/20	VOA	Air
CG28444	SV1	07/06/20	VOA	Air
CG28445	SV4	07/06/20	VOA	Air
CG28446	SV2	07/06/20	VOA	Air

Summary - Data validation was performed on the data for four (4) air samples collected from 118 Hope St/428 Rodney St, BK, NY on 07/06/2020 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 07/07/2020 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 07/08/2020 (Chem24) exhibited acceptable %RSDs (≤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 07/08/2020 were within acceptance limits with the exception of m,p-xylene (34.0%), styrene (25.0%), o-xylene (32.0%), isopropylbenzene (28%), 4-ethyltoluene (22.0%), 1,2,4-trimethylbenzene (25.0%), sec-butylbenzene (22.0%), 4-isopropyltoluene (32.0%), and n-

butylbenzene (26.0%).

Qualification: Non-detect results for n-butylbenzene, sec-butylbenzene, and styrene in samples SV1, SV2, SV3, and SV4 were qualified as estimated (UJ). Non-detect results for 4-isopropyltoluene in samples SV2, SV4 and SV3 and isopropylbenzene in samples SV1, SV2 and SV3 were qualified as estimated (UJ). Results for 1,2,4-trimethylbenzene, 4-ethyltoluene, m,p-xylene, and o-xylene in samples SV1, SV2, SV3, and SV4; 4-isopropyltoluene in sample SV1; and isopropylbenzene in sample SV4 were qualified as estimated (J).

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 –Ethanol (152%), isopropyl alcohol (132%), 1,4-dioxane (141%), and 2-hexanone (133%) in LCS CG28443 were above the LCS control limits. The remaining LCS percent recoveries (%R) for the reported analytes were within control limits. Results for 1,4-dioxane and 2-hexanone in the associated field samples were non-detect.

Qualification: Results for ethanol and isopropyl alcohol in samples SV1, SV2, SV3, and SV4 were qualified as estimated bias high (J+).

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

Qualification: None required.

Canister Blank – The canister blank Batch # 1933 prepared and analyzed with these samples and was 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 –Analyte non-detections were reported as "U"; these results should be considered the equivalent of "RL (reporting limit) U."

Qualification: None required.

– Sample results were reported within the linear calibration range except for ethanol.

Qualification: Results for ethanol in samples SV1, SV2, SV3, and SV4 were qualified as estimated bias high (J+).

Manual Calculation

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

SV3 (CG28443)

Toluene
Result (ppbv) = 1.77
Molecular Weight @ 25ºC=92.14
DF = 1

$$\text{Concentration } (\mu g/m^3) = \frac{1.77 \times 92.14 \times 1}{24.46} = 6.67 \mu g/m^3$$

Compound	Laboratory ($\mu g/m^3$)	Validation ($\mu g/m^3$)	%D
Toluene	6.67	6.67	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: GCG28443 at the end of the data validation report.

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV3_20200706	CG28443	TO15	7/6/2020	1	1,2,4-Trimethylbenzene	2.65	ug/m3	J	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	4-Ethyltoluene	1.82	ug/m3	J	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	4-Isopropyltoluene		ug/m3	UJ	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Isopropylbenzene		ug/m3	UJ	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Ethylbenzene	2.79	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	m,p-Xylene	10.2	ug/m3	J	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Benzyl chloride		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Acrylonitrile		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Toluene	6.67	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Chlorobenzene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Tetrahydrofuran	2.98	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Hexane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Cyclohexane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Propylene	2.60	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Tetrachloroethene	2.46	ug/m3		0.25	0.25
SV3_20200706	CG28443	TO15	7/6/2020	1	Ethyl acetate		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Heptane	1.24	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SV3_20200706	CG28443	TO15	7/6/2020	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,3-Dichlorobenzene	3.55	ug/m3		1.00	1.00

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV3_20200706	CG28443	TO15	7/6/2020	1	Carbon Tetrachloride	0.57	ug/m3		0.20	0.20
SV3_20200706	CG28443	TO15	7/6/2020	1	n-Butylbenzene		ug/m3	UJ	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Ethanol	286	ug/m3	J+	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Acetone	44.4	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Chloroform	1.65	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Benzene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Bromomethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Chloromethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Chloroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SV3_20200706	CG28443	TO15	7/6/2020	1	Methylene Chloride		ug/m3	U	3.00	3.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Carbon Disulfide		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Bromoform		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SV3_20200706	CG28443	TO15	7/6/2020	1	Trichlorofluoromethane	30.3	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Dichlorodifluoromethane	5.34	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Methyl Ethyl Ketone	23.9	ug/m3		1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Trichloroethene		ug/m3	U	0.20	0.20
SV3_20200706	CG28443	TO15	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	o-Xylene	3.93	ug/m3	J	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	sec-Butylbenzene		ug/m3	UJ	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Isopropylalcohol	5.55	ug/m3	J+	1.00	1.00
SV3_20200706	CG28443	TO15	7/6/2020	1	Styrene		ug/m3	UJ	1.00	1.00

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BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV1_20200706	CG28444	TO15	7/6/2020	1	Ethylbenzene	6.60	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,2,4-Trimethylbenzene	2.87	ug/m3	J	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Benzyl chloride		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Acrylonitrile		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Toluene	8.74	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Chlorobenzene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Tetrahydrofuran		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Hexane	10.4	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Cyclohexane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Propylene	5.97	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Tetrachloroethene	1.98	ug/m3		0.25	0.25
SV1_20200706	CG28444	TO15	7/6/2020	1	Ethyl acetate		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Heptane	8.19	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SV1_20200706	CG28444	TO15	7/6/2020	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,3-Dichlorobenzene	4.45	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Carbon Tetrachloride	0.76	ug/m3		0.20	0.20
SV1_20200706	CG28444	TO15	7/6/2020	1	4-Ethyltoluene	2.01	ug/m3	J	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Acetone	39.2	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Chloroform		ug/m3	U	1.00	1.00

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BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV1_20200706	CG28444	TO15	7/6/2020	1	Benzene	1.67	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,1,1-Trichloroethane	23.3	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Bromomethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Chloromethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Chloroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SV1_20200706	CG28444	TO15	7/6/2020	1	Methylene Chloride		ug/m3	U	3.00	3.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Carbon Disulfide		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Bromoform		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SV1_20200706	CG28444	TO15	7/6/2020	1	Trichlorofluoromethane	2.04	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Dichlorodifluoromethane	1.49	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Methyl Ethyl Ketone	20.6	ug/m3		1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Trichloroethene		ug/m3	U	0.20	0.20
SV1_20200706	CG28444	TO15	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	4-Isopropyltoluene	1.01	ug/m3	J	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Isopropylbenzene		ug/m3	UJ	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	m,p-Xylene	16.0	ug/m3	J	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Ethanol	230	ug/m3	J+	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	n-Butylbenzene		ug/m3	UJ	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	o-Xylene	5.90	ug/m3	J	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	sec-Butylbenzene		ug/m3	UJ	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Isopropylalcohol	6.29	ug/m3	J+	1.00	1.00
SV1_20200706	CG28444	TO15	7/6/2020	1	Styrene		ug/m3	UJ	1.00	1.00

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV4_20200706	CG28445	TO15	7/6/2020	1	1,2,4-Trimethylbenzene	5.40	ug/m3	J	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	4-Ethyltoluene	27.0	ug/m3	J	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	4-Isopropyltoluene		ug/m3	UJ	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Isopropylbenzene	2.82	ug/m3	J	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	m,p-Xylene	11.6	ug/m3	J	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Ethanol	243	ug/m3	J+	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	n-Butylbenzene		ug/m3	UJ	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Ethylbenzene	3.56	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	o-Xylene	6.86	ug/m3	J	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Benzyl chloride		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Acrylonitrile		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,3,5-Trimethylbenzene	5.31	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Toluene	5.39	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Chlorobenzene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Tetrahydrofuran	2.30	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Hexane	1.80	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Cyclohexane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Propylene	1.43	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Tetrachloroethene	6.53	ug/m3		0.25	0.25
SV4_20200706	CG28445	TO15	7/6/2020	1	Ethyl acetate	10.0	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Heptane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV4_20200706	CG28445	TO15	7/6/2020	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,3-Dichlorobenzene	3.84	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Carbon Tetrachloride	0.41	ug/m3		0.20	0.20
SV4_20200706	CG28445	TO15	7/6/2020	1	sec-Butylbenzene		ug/m3	UJ	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Isopropylalcohol	19.4	ug/m3	J+	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Acetone	31.6	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Chloroform		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Benzene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Bromomethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Chloromethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Chloroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SV4_20200706	CG28445	TO15	7/6/2020	1	Methylene Chloride		ug/m3	U	3.00	3.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Carbon Disulfide		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Bromoform		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SV4_20200706	CG28445	TO15	7/6/2020	1	Trichlorofluoromethane	2.12	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Dichlorodifluoromethane	1.71	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Methyl Ethyl Ketone	16.3	ug/m3		1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Trichloroethene		ug/m3	U	0.20	0.20
SV4_20200706	CG28445	TO15	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SV4_20200706	CG28445	TO15	7/6/2020	1	Styrene		ug/m3	UJ	1.00	1.00

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV2_20200706	CG28446	TO15	7/6/2020	1	1,2,4-Trimethylbenzene	2.79	ug/m3	J	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,4-Dioxane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	4-Ethyltoluene	1.91	ug/m3	J	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Ethylbenzene	3.06	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	4-Isopropyltoluene		ug/m3	UJ	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Benzyl chloride		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	cis-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	trans-1,3-Dichloropropene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,4-Dichlorobenzene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,3-Butadiene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,2-Dichloroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Acrylonitrile		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Toluene	6.44	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Chlorobenzene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Tetrahydrofuran	11.9	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Hexane	18.4	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Cyclohexane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Propylene	6.76	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Dibromochloromethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Tetrachloroethene	1.84	ug/m3		0.25	0.25
SV2_20200706	CG28446	TO15	7/6/2020	1	Ethyl acetate		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Heptane	3.55	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Cis-1,2-Dichloroethene		ug/m3	U	0.20	0.20
SV2_20200706	CG28446	TO15	7/6/2020	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,3-Dichlorobenzene	3.62	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Carbon Tetrachloride		ug/m3	U	0.20	0.20
SV2_20200706	CG28446	TO15	7/6/2020	1	2-Hexanone(MBK)		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Isopropylbenzene		ug/m3	UJ	1.00	1.00

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
AIR
SDG: GCG28443

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SV2_20200706	CG28446	TO15	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Acetone	27.3	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Chloroform		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Benzene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,1,1-Trichloroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Bromomethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Chloromethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Chloroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Vinyl Chloride		ug/m3	U	0.20	0.20
SV2_20200706	CG28446	TO15	7/6/2020	1	Methylene Chloride		ug/m3	U	3.00	3.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Carbon Disulfide		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Bromoform		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Bromodichloromethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,1-Dichloroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,1-Dichloroethene		ug/m3	U	0.20	0.20
SV2_20200706	CG28446	TO15	7/6/2020	1	Trichlorofluoromethane	61.8	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Dichlorodifluoromethane	2.79	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Trichlorotrifluoroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,2-dichloropropane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Methyl Ethyl Ketone	17.0	ug/m3		1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,1,2-Trichloroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Trichloroethene		ug/m3	U	0.20	0.20
SV2_20200706	CG28446	TO15	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Hexachlorobutadiene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	1,2-Dichlorobenzene		ug/m3	U	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	m,p-Xylene	10.5	ug/m3	J	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	n-Butylbenzene		ug/m3	UJ	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Ethanol	198	ug/m3	J+	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	o-Xylene	3.78	ug/m3	J	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	sec-Butylbenzene		ug/m3	UJ	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Isopropylalcohol	4.42	ug/m3	J+	1.00	1.00
SV2_20200706	CG28446	TO15	7/6/2020	1	Styrene		ug/m3	UJ	1.00	1.00

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG28447
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/27/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428 MW1	CG28447	07/06/2020	SVOC	GW
428 MW2	CG28448	07/06/2020	SVOC	GW
428 MW3	CG28449	07/06/2020	SVOC	GW
GW Duplicate	CG28450	07/06/2020	SVOC	GW

Summary - Data validation was performed on the data for four (4) groundwater (GW) samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/06/2020 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 07/07/2020 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 06/30/2020 (CHEM36)-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 06/26/2020 (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 07/10/2019 (CHEM36)-Full scan

exhibited acceptable %Ds and RRF values for compounds listed in Table 2 in SOP HW-33A.

Qualification: None required.

– CCV analyzed on 07/10/2020 (CHEM25)-SIM scan exhibited acceptable %Ds and RRF values for compounds listed in Table 2 in SOP HW-33A with the exception of pentachlorophenol (66.4%).

Qualification: Non-detect results for pentachlorophenol in samples 428 MW1, 428 MW2, and 428 MW3 were qualified as estimated (UJ). Result for pentachlorophenol in sample GW Duplicate was qualified as estimated (J).

Surrogates –Surrogate %REC values were within the QC acceptance limits for the full scan.

Qualification: None required.

–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 all six internal standards with the exception of chrysene-d12 and perylene-d12 in sample GW Duplicate. Results associated with the two IS compounds were non-detect in the noted sample.

Qualification: None required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB) – Method Blank (CG28449 BLANK)-SIM Scan associated with the water samples extracted on 07/08/2020 and analyzed on 07/10/2020 was free of contamination.

Qualification: None required.

– Method Blank (CG28449 BLANK)-full Scan associated with the water samples extracted on 07/08/2020 and analyzed on 07/10/2020 was free of contamination.

Qualification: None required.

Field Duplicate — One duplicate pair was submitted with this SDG. Sample GW Duplicate (Lab Sample ID: CG28450) was the field duplicate sample of 428 MW3 (Lab Sample ID: CG28449). Pentachlorophenol was the only detection in the field duplicate sample and was non-detect in the field sample.

Qualification: Results for pentachlorophenol were qualified estimated (UJ/J) in the field duplicate pair (428 MW3/GW Duplicate).

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428 MW3 (CG28449). All %RECs/RPDs were within the laboratory control limits with the exception of benzo(k)fluoranthene (24% %R; 25.5% RPD), chrysene (21.1% RPD), benzo(b)fluoranthene (24% RPD), benzo(a)pyrene (29.3% RPD), indeno(1,2,3-cd)pyrene (31.0% RPD), dibenz(a,h)anthracene (31.0% RPD), and benzo(ghi)perylene (27.8% RPD) in the SIM scan and hexachlorocyclopentadiene (29% %R), 2,4-dinitrotoluene (90% and 94% %R), benzidine (4% and 4% %R), bis(2-ethylhexyl)phthalate (26% %R; 29.5% RPD), di-n-octylphthalate (24% %R; 31.6% RPD), and 3,3'-dichlorobenzidine (12% and 7%; 52.6% RPD) in the Full scan. The results for chrysene, benzo(b)fluoranthene,

benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene, and 2,4-dinitrotoluene were non-detect in the parent sample.

Qualification: Non-detect results for benzo(k)fluoranthene, hexachlorocyclopentadiene, benzidine, bis(2-ethylhexyl)phthalate, di-n-octylphthalate, and 3,3'-dichlorobenzidine were qualified as estimated (UJ) in sample 428 MW3.

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

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(\text{Volume injected, } \mu L)(V)}$$

Cx = concentration of analyte as ug/L
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.
VE= final volume of concentrated extract

Sample: 428 MW1 (CG28447)

2-Methylphenol

Initial Volume: 1040ml
Final volume: 1ml
Volume injected: 1µl
Dilution Factor: 1

$$\text{Concentration } (\mu g/L) = \frac{23172 \times 40 \times 1ml \times 1 \times 1000}{633544 \times 1.045 \times 1 \times 1040ml} = 1.3 \mu g/L$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
2-Methylphenol	1.3	1.3	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: GCG28447 at the end of the data validation report.

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG28447
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/27/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428 MW1	CG28447	07/06/2020	VOC	GW
428 MW2	CG28448	07/06/2020	VOC	GW
428 MW3	CG28449	07/06/2020	VOC	GW
GW Duplicate	CG28450	07/06/2020	VOC	GW
TRIP BLANK	CG28451	07/06/2020	VOC	Trip Blank

Summary - Data validation was performed on the data for four (4) groundwater (GW) samples and one (1) trip blank (TB) sample that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/06/2020 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 07/07/2020 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 07/08/2020 (CHEM02) exhibited acceptable %RSDs and average RRF values for compounds listed in Table 2 in SOP HW-33A with the exception of styrene (22.2%) and bromoform (26.9%). Results for styrene and bromoform were not reported from this analytical run.

Qualification: None required.

- Initial calibration curve analyzed on 07/06/2020 (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 07/12/2020 were within acceptance limits for target VOCs with the exception of dibromochloromethane (23.4%) and bromoform (37.1%). Results for dibromochloromethane and bromoform were not reported from this analytical run.

Qualification: None required.

- The %D for the CCVs analyzed and reported with these samples on 07/10-11/2020 were within acceptance limits for target VOCs with the exception of tetrachloroethene (20.3%).

Qualification: Results for tetrachloroethene were qualified as estimated (J) in samples 428 MW3 and GW Duplicate. Non-detect results for tetrachloroethene were qualified as estimated (UJ) in samples 428 MW1 and TB.

- The %D for the CCVs analyzed and reported with these samples on 07/13-14/2020 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 – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428 MW3 (CG28449). All %RECs/RPDs were within the laboratory control limits.

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: CG28451), was submitted with this sample set and contained carbon disulfide (0.84 ug/L) and acetone (8.6 ug/L).

Qualification: Results for carbon disulfide were qualified as non-detect (U) in samples 428 MW1 and 428 MW2. Results for acetone were qualified as non-detect (U) in samples 428 MW1, 428 MW2, 428 MW3, and GW Duplicate.

Field Duplicate — One duplicate pair was submitted with this SDG. Sample GW Duplicate (Lab Sample ID: CG28450) was the field duplicate sample of 428 MW3 (Lab Sample ID: CG28449). The FD sample results for detected VOCs in the FD sample pair are summarized in the table below. M&p-xylene was detected in the field sample and non-detect in the field duplicate sample. RPDs were <50% between the field duplicate pair.

Lab Sample ID	CG28449		CG28450		
Client Sample ID	428 MW3		GW Duplicate		
Collection Date	7/06/2020		7/06/2020		
Analyte	**Result (µg/L)**	**Flag**	**Result (µg/L)**	**Flag**	**%RPD**
Tetrachloroethene	0.30	J	0.30	J	0
m&p-Xylene	0.32	J	ND		NC

Qualification: Results for m&p-xylene were qualified as estimated (J/UJ) in the field duplicate sample pair (428 MW3/GW Duplicate).

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

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)}$$

Cx = concentration of analyte as µg/L
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.

428 MW1 (CG28447)

Carbon Disulfide
Sample Volume= 25ml
Volume purged=25ml
DF = 1

Concentration (µg/L)= $\frac{28577 \times 25 \times 10 \times 1}{203710 \times 1.456 \times 25} = 0.96$ µg/L

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Carbon Disulfide	0.96	0.96	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: GCG28447 at the end of the data validation report.

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG28447
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/27/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428 MW1	CG28447	07/06/2020	PCBs	GW
428 MW2	CG28448	07/06/2020	PCBs	GW
428 MW3	CG28449	07/06/2020	PCBs	GW
GW Duplicate	CG28450	07/06/2020	PCBs	GW

Summary - Data validation was performed on the data for four (4) groundwater (GW) samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/06/2020 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 07/07/2020 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 07/08/2020 (ECD24) exhibited acceptable %RSD on both columns.

Qualification: None required.

– Initial calibration curve analyzed on 07/02/2020 (ECD5) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 07/10/20 exhibited acceptable %Ds for all compounds.

Qualification: None required.

– All CCVs analyzed on 07/9-10/20 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 (CG28449 BL) associated with the water samples extracted on 07/08/2020 and analyzed on 07/09/2020 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CG28449 were analyzed on 07/09/2020. All %RECs were within the laboratory control limits.

Qualification: None required.

Field Duplicate — One duplicate pair was submitted with this SDG. Sample GW Duplicate (Lab Sample ID: CG28450) was the field duplicate sample of 428 MW3 (Lab Sample ID: CG28449). The FD sample results for detected PCBs in the FD sample pair are summarized in the table below. RPDs were <50% between the field duplicate pair.

Lab Sample ID	CG28449		CG28450		
Client Sample ID	428 MW3		GW Duplicate		
Collection Date	7/06/2020		7/06/2020		
Analyte	**Result (µg/L)**	**Flag**	**Result (µg/L)**	**Flag**	**%RPD**
PCB-1016	0.66		0.56		16.4

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428 MW3 (CG28449). 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.

Manual Calculation

CG28449 LCS

Aroclor-1016

On Column concentration (B)= 445.029ng
Sample Volume= 1000ml
DF= 1
Vi= 5ml

$$\text{Concentration } (\mu g/L) = \frac{445.029ng \times 5ml \times 1}{1000} = 2.225\mu g/L$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Aroclor-1016	2.23	2.23	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: GCG28447 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: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG28447
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/27/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428 MW1	CG28447	07/06/2020	Pesticides	GW
428 MW2	CG28448	07/06/2020	Pesticides	GW
428 MW3	CG28449	07/06/2020	Pesticides	GW
GW Duplicate	CG28450	07/06/2020	Pesticides	GW

Summary - Data validation was performed on the data for four (4) groundwater (GW) samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/06/2020 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 07/07/2020 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 (±20%).

Qualification: None required.

Initial Calibration – Initial calibration curve analyzed on 07/08/2020 (ECD07) exhibited acceptable %RSD on both columns.

Qualification: None required.

Continuing Calibration Verification (CCV) – All CCVs analyzed on 07/09/2020 exhibited acceptable %Ds for all compounds on reporting column with the exception of beta-BHC (34% and 30%).

Qualification: Non-detect result for beta-BHC was qualified as estimated (UJ) in sample 428 MW1.

– All CCVs analyzed on 07/10/2020 exhibited acceptable %Ds for all compounds on reporting column with the exception of beta-BHC (26% and 34%).

Qualification: Non-detect results for beta-BHC were qualified as estimated (UJ) in samples 428 MW2, 428 MW3, and GW Duplicate.

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 (CG28449 BL) associated with the water samples extracted on 07/08/2020 and analyzed on 07/09/2020 was free of contamination.

Qualification: None required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) – Laboratory Control Sample associated with ID: CG28449 LCS was analyzed on 07/09/2020. All %RECs/RPDs were within the laboratory control limits.

Qualification: None required.

Field Duplicate — One duplicate pair was submitted with this SDG. Sample GW Duplicate (Lab Sample ID: CG28450) was the field duplicate sample of 428 MW3 (Lab Sample ID: CG28449). The FD sample results were non-detect for pesticides in the FD sample pair.

Qualification: None required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD**)** – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428 MW3 (CG28449). All %RECs were within the laboratory control limits. RPDs were outside the laboratory control limits for heptachlor, dieldrin, and methoxychlor. Results for heptachlor, dieldrin, and methoxychlor were non-detect in the parent sample.

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

CG28449 LCS

Alpha-BHC

On Column concentration (A)= 35.6063ng
Sample Volume= 1000ml
DF = 1

Concentration (µg/L) = $\frac{35.6063\text{ng} \times 1\text{ml}}{1000} = 0.0356\mu\text{g/L}$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Alpha-BHC	0.036	0.036	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: GCG28447 at the end of the data validation report.

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

Site: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG28447
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/28/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428 MW1	CG28447	07/06/2020	Metals	GW
428 MW2	CG28448	07/06/2020	Metals	GW
428 MW3	CG28449	07/06/2020	Metals	GW
GW Duplicate	CG28450	07/06/2020	Metals	GW

Summary - Data validation was performed on the data for four (4) groundwater (GW) samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/06/2020 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 07/07/2020 in acceptable condition and temperature and were properly preserved. Proper custody was documented.

Qualification: None required.

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

Qualification: None required.

– All 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.

Q*ualification:* 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.

Q*ualification:* None required.

CRQL Check Standard (CRI) –All dissolved CRI analyzed %RECs were within the control limits.

Qualification: None required.

- All total CRI analyzed %RECs were within the control limits.

Qualification: None required.

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 (CG28449 BLK) digested on 7/07/2020 was free of contamination.

Qualification: None required.

– Mercury Method Blank-dissolved (CG28449 BLK) digested on 7/08/2020 was free of contamination.

Qualification: None required.

– ICP-AES Method Blank-dissolved (CG28449 BLK) digested on 7/07/2020 was free of contamination.

Qualification: None required.

– Dissolved ICB and CCBs contained calcium, antimony, and selenium. Results for calcium and selenium in the field samples were greater than the blank concentration.

Qualification: Dissolved antimony in samples 429 MW1 and 428 MW2 were qualified as non-detect (U).

– ICP-AES Method Blank-Total (CG28449 BLK) digested on 07/07/2020 was free of contamination.

Qualification: None required.

– MS Method Blank-Total (CG28449 BLK) digested on 07/07/2019 was free of contamination.

Qualification: None required.

– Mercury Method Blank-Total (CG28449 BLK) digested on 07/08/2020 was free of contamination.

Qualification: None required.

– All total ICB and CCBs contained calcium, antimony, and selenium. Results for total calcium, antimony, and selenium were either greater than the blank concentration or non-detect.

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, 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 – One field duplicate pair was included in this SDG for both total and dissolved metals. Sample GW Duplicate (Lab Sample ID: CG28450) was the field duplicate sample of 428 MW3 (Lab Sample ID: CG28449). The FD sample results are summarized in the table below.

Client Sample ID:	Dissolved 428 MW3		Dissolved GW Duplicate		
Lab Sample ID:	CG28449		CG28450		
Date Sampled:	07/06/2020		07/06/2020		
	Result (mg/L)		Result (mg/L)		RPD (%)
Aluminum	0.046		0.046		0

Client Sample ID:	Dissolved 428 MW3		Dissolved GW Duplicate		
Lab Sample ID:	CG28449		CG28450		
Date Sampled:	07/06/2020		07/06/2020		
	Result (mg/L)		Result (mg/L)		RPD (%)
Antimony	0.0029		0.0030		3.4
Arsenic	0.001	J	0.002	J	**66.7**
Barium	0.031		0.031		0.0
Calcium	129		128		0.8
Chromium	0.037		0.036		2.7
Copper	0.013		0.013		0
Magnesium	18.1		18.1		0
Manganese	0.008		0.008		0
Nickel	0.002	J	0.002	J	0
Potassium	40.5		41.4		2.2
Selenium	0.008		0.007		13.3
Sodium	57.2		58.9		2.9
Vanadium	ND		0.002	J	**NC**
Zinc	0.008	J	0.007	J	13.3
	Total 824 MW3		Total GW Duplicate		
	CG28449		CG28450		
	07/06/2020		07/06/2020		
	Result (mg/L)		Result (mg/L)		RPD (%)
Aluminum	1.04	J+	0.714		37.2
Antimony	0.0033		0.0033		0
Arsenic	0.001	J	0.002	J	**66.7**
Barium	0.037		0.036		2.7
Calcium	130		131		0.8
Chromium	0.040		0.040		0
Cobalt	0.002	J	0.001	J	**66.7**
Copper	0.017		0.017		0
Iron	1.55		1.17		27.9
Lead	0.003		0.002		40
Magnesium	18.5		18.9		2.1
Manganese	0.030		0.026		14.3
Nickel	0.003	J	0.003	J	0
Potassium	40.3		41.5		2.9
Selenium	0.009		0.009	J	0
Sodium	57.7		58.2		0.9
Vanadium	0.003	J	0.004	J	28.6
Zinc	0.016		0.015		6.5

Qualification: Results for dissolved arsenic in field duplicate pair 824 MW3 and GW Duplicate were qualified as estimated (J). Results for dissolved vanadium in field duplicate pair 824 MW3 and GW Duplicate were qualified as estimated (UJ/J, respectively). Results for total arsenic and cobalt in field duplicate pair 824 MW3 and GW Duplicate were qualified as estimated (J).

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) – ICP-AES, MS, and Mercury – Matrix Spike (MS) was performed on dissolved sample 428 MW3 (CG28449). %RECs were within the laboratory control limits.

Qualification: None required.

– ICP-AES, MS, and Mercury – Matrix Spike (MS) was performed on total sample 428 MW3 (CG28449). %RECs were within the laboratory control limits with the exception of aluminum (171%).

Qualification: Result for aluminum in sample 428 MW3 was qualified as estimated bias high (J+).

Sample Duplicate – ICP-AES, MS, and Mercury – Laboratory Duplicate was performed on dissolved sample 428 MW3 (CG28449). RPDs were inside the laboratory control limits.

Qualification: None required.

– ICP-AES, MS, and Mercury – Laboratory Duplicate was performed on total sample 428 MW3 (CG28449). RPDs were inside the laboratory control limits.

Qualification: None required.

ICP-AES Serial Dilution – ICP serial dilution was performed on dissolved sample 428 MW3 (CG28449). For all results for which the concentration in the original sample is ≥ 50x the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit (%D ± 10%).

Qualification: None required.

– ICP serial dilution was performed on total sample 428 MW3 (CG28449). For all results for which the concentration in the original sample is ≥ 50x the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit (%D ± 10%).

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: 428 MW1 (CG28447)

Barium

DF: 1

0.5806 mg/L was reported on the raw data and the laboratory reported 0.581 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: GCG28447 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: 118 Hope St/428 Rodney St, BK, NY	SDG #: GCG28447
Laboratory: Phoenix Environmental Laboratories, Inc.	Date: 08/27/20
KGS Reviewer: Sherri Pullar	Project: 3020

Client Sample ID	Lab Sample ID	Collection Date	Analysis	Matrix
428 MW1	CG28447	07/06/2020	SVOC	GW
428 MW2	CG28448	07/06/2020	SVOC	GW
428 MW3	CG28449	07/06/2020	SVOC	GW
GW Duplicate	CG28450	07/06/2020	SVOC	GW

Summary - Data validation was performed on the data for four (4) groundwater (GW) samples that were collected from 118 Hope St/428 Rodney St, BK, NY on 07/06/2020 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 07/07/2020 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 03/03/2020 (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 07/09/2020 (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 (CG28449 BLANK)-Scan for 1,4-dixone associated with the water samples extracted on 07/08/2020 and analyzed on 07/09/2020 was free of contamination.

Qualification: None required.

Field Duplicate — One duplicate pair was submitted with this SDG. Sample GW Duplicate (Lab Sample ID: CG28450) was the field duplicate sample of 428 MW3 (Lab Sample ID: CG28449). The FD sample results for 1,4-dioxane in the FD sample pair were non-detect.

Qualification: None required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) – Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) were performed on sample 428 MW3 (CG28449). 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

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(\text{Volume injected, } \mu L)(V)}$$

Cx = concentration of analyte as ug/L
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.
VE= final volume of concentrated extract

Sample: CG28449 LCS

1,4-Dioxane

Initial Volume: 100ml
Final volume: 1ml
Volume injected: 1µl
Dilution Factor: 1

$$\text{Concentration (µg/L)} = \frac{36641 \times 5 \times 1\text{ml} \times 1 \times 100}{570293 \times 0.171 \times 1 \times 100\text{ml}} = 1.88\text{µg/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
1,4-Dioxane	1.882	1.882	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: GCG28447 at the end of the data validation report.

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCG28447

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Aluminum (Dissolved)	0.048	mg/L		0.0026	0.011
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Iron, (Dissolved)		mg/L	U	0.01	0.01
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Lead (Dissolved)		mg/L	U	0.001	0.002
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Magnesium (Dissolved)	10.7	mg/L		0.01	0.01
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Manganese, (Dissolved)	0.583	mg/L		0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Nickel, (Dissolved)	0.001	mg/L	J	0.001	0.004
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Potassium (Dissolved)	16.9	mg/L		0.1	0.1
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Silver (Dissolved)		mg/L	U	0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Arsenic, (Dissolved)	0.002	mg/L	J	0.001	0.003
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Barium (Dissolved)	0.136	mg/L		0.001	0.011
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Beryllium (Dissolved)		mg/L	U	0.001	0.001
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Cadmium (Dissolved)		mg/L	U	0.0005	0.004
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Chromium (Dissolved)		mg/L	U	0.001	0.001
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Cobalt, (Dissolved)		mg/L	U	0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Copper, (Dissolved)		mg/L	U	0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Vanadium, (Dissolved)		mg/L	U	0.001	0.011
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Zinc, (Dissolved)		mg/L	U	0.002	0.011
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Calcium (Dissolved)	123	mg/L		0.003	0.01
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Lead	0.060	mg/L		0.001	0.002
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Magnesium	25.6	mg/L		0.01	0.010
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Manganese	1.63	mg/L		0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Nickel	0.098	mg/L		0.001	0.004
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Potassium	27.4	mg/L		0.1	0.1
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Silver		mg/L	U	0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Arsenic - LDL	0.021	mg/L		0.001	0.004
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Barium	0.581	mg/L		0.001	0.010
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Beryllium	0.004	mg/L		0.001	0.001
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Cadmium	0.004	mg/L		0.0005	0.004
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Chromium	0.150	mg/L		0.001	0.001
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Cobalt	0.037	mg/L		0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Copper	0.179	mg/L		0.001	0.005
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Vanadium	0.202	mg/L		0.001	0.010
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Zinc	0.250	mg/L		0.002	0.010
428 MW1_20200706	CG28447	SW6010	7/6/2020	1	Calcium	134	mg/L		0.003	0.010
428 MW1_20200706	CG28447	SW6010	7/6/2020	100	Sodium (Dissolved)	156	mg/L		11	11
428 MW1_20200706	CG28447	SW6010	7/6/2020	10	Aluminum	79.9	mg/L		0.024	0.20
428 MW1_20200706	CG28447	SW6010	7/6/2020	10	Iron	135	mg/L		0.10	0.10
428 MW1_20200706	CG28447	SW6010	7/6/2020	10	Sodium	165	mg/L		1.0	1.0
428 MW1_20200706	CG28447	SW6020	7/6/2020	5	Thallium	0.0009	mg/L		0.0005	0.0005
428 MW1_20200706	CG28447	SW6020	7/6/2020	5	Antimony		mg/L	U	0.0005	0.0030
428 MW1_20200706	CG28447	SW6020	7/6/2020	1	Thallium (Dissolved)		mg/L	U	0.0001	0.0003
428 MW1_20200706	CG28447	SW6020	7/6/2020	1	Antimony (Dissolved)-LDL	0.0001	mg/L	U	0.0001	0.0003
428 MW1_20200706	CG28447	SW6020	7/6/2020	1	Selenium (Dissolved)-LDL	0.002	mg/L	J	0.0001	0.002
428 MW1_20200706	CG28447	SW7470	7/6/2020	1	Mercury		mg/L	U	0.00015	0.0002
428 MW1_20200706	CG28447	SW7470	7/6/2020	1	Mercury (Dissolved)		mg/L	U	0.00015	0.0002
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Heptachlor epoxide		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Endosulfan Sulfate		ug/L	U	0.010	0.010
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Alachlor		ug/L	U	0.077	0.077
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Aldrin		ug/L	U	0.002	0.002
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	a-BHC		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	b-BHC		ug/L	UJ	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	d-BHC		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Endosulfan II		ug/L	U	0.010	0.010
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	4,4' -DDT		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	a-chlordane		ug/L	U	0.010	0.010
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	g-chlordane		ug/L	U	0.010	0.010
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Endrin ketone		ug/L	U	0.010	0.010
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Chlordane		ug/L	U	0.021	0.021
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	g-BHC (Lindane)		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Dieldrin		ug/L	U	0.002	0.002
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Endrin		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Methoxychlor		ug/L	U	0.10	0.10
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	4,4' -DDD		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	4,4' -DDE		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Endrin Aldehyde		ug/L	U	0.010	0.010
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Heptachlor		ug/L	U	0.005	0.005
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Toxaphene		ug/L	U	0.21	0.21
428 MW1_20200706	CG28447	SW8081	7/6/2020	1	Endosulfan I		ug/L	U	0.010	0.010
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1260		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1254		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1268		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1221		ug/L	U	0.052	0.052

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCG28447

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1232		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1248		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1016		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1262		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8082	7/6/2020	1	PCB-1242		ug/L	U	0.052	0.052
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Ethylbenzene	27	ug/L		0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Styrene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	n-Propylbenzene	7.8	ug/L		0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	n-Butylbenzene	2.7	ug/L		0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	4-Chlorotoluene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Acrolein		ug/L	U	2.5	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Acrylonitrile		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,3,5-Trimethylbenzene	11	ug/L		0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Bromobenzene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Chlorobenzene	1.1	ug/L	J	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Dibromochloromethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Tetrachloroethene		ug/L	UJ	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	sec-Butylbenzene	2.7	ug/L		0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	2-Isopropyltoluene	0.33	ug/L	J	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Carbon tetrachloride		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	2-Hexanone		ug/L	U	2.5	2.5
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Acetone		ug/L	U	2.5	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Chloroform		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Benzene	12	ug/L		0.25	0.70
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Bromomethane		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Chloromethane		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Dibromomethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Bromochloromethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Chloroethane		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Vinyl chloride		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Methylene chloride		ug/L	U	1.0	3.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Carbon Disulfide	0.96	ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Bromoform		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Bromodichloromethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Tert-butyl alcohol		ug/L	U	10	50
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Trichloroethene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Naphthalene	9.6	ug/L		1.0	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	2-Chlorotoluene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	tert-Butylbenzene		ug/L	U	0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	Isopropylbenzene	3.6	ug/L		0.25	1.0

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BK, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCG28447

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW1_20200706	CG28447	SW8260	7/6/2020	1	p-Isopropyltoluene	1.3	ug/L		0.25	1.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	5	Toluene	82	ug/L		1.3	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	5	m&p-Xylene	93	ug/L		1.3	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	5	o-Xylene	56	ug/L		1.3	5.0
428 MW1_20200706	CG28447	SW8260	7/6/2020	5	1,2,4-Trimethylbenzene	52	ug/L		1.3	5.0
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	4-Nitroaniline		ug/L	U	1.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	4-Nitrophenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	4-Bromophenyl phenyl ether		ug/L	U	1.4	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2,4-Dimethylphenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	4-Chloroaniline		ug/L	U	2.2	3.4
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Phenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Pyridine		ug/L	U	1.2	9.6
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Bis(2-chloroethyl)ether		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Bis(2-chloroethoxy)methane		ug/L	U	1.3	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Bis(2-ethylhexyl)phthalate		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Di-n-octylphthalate		ug/L	U	1.2	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Anthracene		ug/L	U	1.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	1.4	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2,4-Dichlorophenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2,4-Dinitrotoluene		ug/L	U	1.9	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	1,2-Diphenylhydrazine		ug/L	U	1.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Pyrene		ug/L	U	1.7	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Dimethylphthalate		ug/L	U	1.5	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Dibenzofuran		ug/L	U	1.4	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Fluoranthene		ug/L	U	1.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Bis(2-chloroisopropyl)ether		ug/L	U	1.3	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2,4-Dinitrophenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	4,6-Dinitro-2-methylphenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	4-Chloro-3-methylphenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2,6-Dinitrotoluene		ug/L	U	1.5	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	N-Nitrosodi-n-propylamine		ug/L	U	1.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Aniline		ug/L	U	3.4	3.4
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Benzoic acid		ug/L	U	9.6	24
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Hexachloroethane		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	4-Chlorophenyl phenyl ether		ug/L	U	1.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Hexachlorocyclopentadiene		ug/L	U	1.5	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Isophorone		ug/L	U	1.3	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Pentachloronitrobenzene		ug/L	U	2.4	2.4
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Acenaphthene		ug/L	U	1.5	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Diethyl phthalate		ug/L	U	1.5	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Di-n-butylphthalate		ug/L	U	1.3	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Benzyl butyl phthalate		ug/L	U	1.2	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	N-Nitrosodiphenylamine		ug/L	U	1.8	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Fluorene		ug/L	U	1.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Carbazole		ug/L	U	3.6	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2,4,6-Trichlorophenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2-Nitroaniline		ug/L	U	1.9	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2-Nitrophenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Naphthalene		ug/L	U	1.4	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2-Methylnaphthalene	2.2	ug/L	J	1.4	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2-Chloronaphthalene		ug/L	U	1.4	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	3,3'-Dichlorobenzidine		ug/L	U	2.3	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Benzidine		ug/L	U	2.8	4.3
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2-Methylphenol (o-cresol)	1.3	ug/L		0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2-Chlorophenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.4	3.4
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	2,4,5-Trichlorophenol		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	Acetophenone		ug/L	U	1.5	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	3-Nitroaniline		ug/L	U	1.9	4.8
428 MW1_20200706	CG28447	SW8270	7/6/2020	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	0.96	0.96
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	1,4-dioxane		ug/L	U	0.20	0.20
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Hexachlorobenzene		ug/L	U	0.04	0.04
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Benzo(ghi)perylene		ug/L	U	0.48	0.48
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02	0.02
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Benzo(b)fluoranthene		ug/L	U	0.02	0.02
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Benzo(k)fluoranthene		ug/L	U	0.02	0.02
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Acenaphthylene		ug/L	U	0.48	0.48
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Chrysene		ug/L	U	0.02	0.02
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Benzo(a)pyrene		ug/L	U	0.02	0.02

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Dibenz(a,h)anthracene		ug/L	U	0.48	0.48
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Benz(a)anthracene		ug/L	U	0.02	0.02
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	N-Nitrosodimethylamine		ug/L	U	0.10	0.10
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Phenanthrene		ug/L	U	0.48	0.48
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.48	0.48
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Pentachlorophenol		ug/L	UJ	0.48	0.48
428 MW1_20200706	CG28447	SW8270C-SIM	7/6/2020	1	Nitrobenzene		ug/L	U	0.38	0.38
428 MW1_20200706	CG28447	SW6020	7/6/2020	10	Selenium	0.002	mg/L	J	0.0010	0.01
428 MW2_20200706	CG28448	SW6020	7/6/2020	5	Antimony		mg/L	U	0.0005	0.0030
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Aluminum (Dissolved)		mg/L	U	0.0026	0.011
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Iron, (Dissolved)	0.09	mg/L		0.01	0.01
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Lead (Dissolved)		mg/L	U	0.001	0.002
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Magnesium (Dissolved)	28.3	mg/L		0.01	0.01
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Manganese, (Dissolved)	1.84	mg/L		0.001	0.005
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Nickel, (Dissolved)	0.003	mg/L	J	0.001	0.004
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Potassium (Dissolved)	17.0	mg/L		0.1	0.1
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Silver (Dissolved)		mg/L	U	0.001	0.005
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Sodium (Dissolved)	44.6	mg/L		0.1	0.11
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Arsenic, (Dissolved)	0.002	mg/L	J	0.001	0.003
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Barium (Dissolved)	0.134	mg/L		0.001	0.011
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Beryllium (Dissolved)		mg/L	U	0.001	0.001
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Cadmium (Dissolved)		mg/L	U	0.0005	0.004
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Chromium (Dissolved)	0.002	mg/L		0.001	0.001
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Cobalt, (Dissolved)	0.004	mg/L	J	0.001	0.005
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Copper, (Dissolved)	0.002	mg/L	J	0.001	0.005
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Vanadium, (Dissolved)	0.003	mg/L	J	0.001	0.011
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Zinc, (Dissolved)		mg/L	U	0.002	0.011
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Calcium (Dissolved)	59.9	mg/L		0.003	0.01
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Aluminum	10.7	mg/L		0.0024	0.020
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Iron	35.6	mg/L		0.01	0.01
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Lead	0.008	mg/L		0.001	0.002
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Magnesium	30.8	mg/L		0.01	0.010
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Nickel	0.013	mg/L		0.001	0.004
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Potassium	18.6	mg/L		0.1	0.1
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Silver		mg/L	U	0.001	0.005
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Arsenic - LDL	0.005	mg/L		0.001	0.004
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Barium	0.245	mg/L		0.001	0.010
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Beryllium		mg/L	U	0.001	0.001
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Cadmium	0.001	mg/L	J	0.0005	0.004
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Chromium	0.027	mg/L		0.001	0.001
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Cobalt	0.008	mg/L		0.001	0.005
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Copper	0.022	mg/L		0.001	0.005
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Vanadium	0.045	mg/L		0.001	0.010
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Zinc	0.030	mg/L		0.002	0.010
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Calcium	62.8	mg/L		0.003	0.010
428 MW2_20200706	CG28448	SW6010	7/6/2020	10	Manganese	2.26	mg/L		0.010	0.050
428 MW2_20200706	CG28448	SW6010	7/6/2020	1	Sodium	45.8	mg/L		0.1	0.10
428 MW2_20200706	CG28448	SW6020	7/6/2020	5	Thallium		mg/L	U	0.0005	0.0005
428 MW2_20200706	CG28448	SW6020	7/6/2020	1	Thallium (Dissolved)		mg/L	U	0.0001	0.0003
428 MW2_20200706	CG28448	SW6020	7/6/2020	1	Antimony (Dissolved)-LDL	0.0001	mg/L	U	0.0001	0.0003
428 MW2_20200706	CG28448	SW6020	7/6/2020	1	Selenium (Dissolved)-LDL	0.002	mg/L	J	0.0001	0.002
428 MW2_20200706	CG28448	SW7470	7/6/2020	1	Mercury		mg/L	U	0.00015	0.0002
428 MW2_20200706	CG28448	SW7470	7/6/2020	1	Mercury (Dissolved)		mg/L	U	0.00015	0.0002
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Heptachlor epoxide		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Endosulfan Sulfate		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Alachlor		ug/L	U	0.072	0.072
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Aldrin		ug/L	U	0.001	0.001
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	a-BHC		ug/L	U	0.005	0.005
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	b-BHC		ug/L	UJ	0.005	0.005
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	d-BHC		ug/L	U	0.005	0.005
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Endosulfan II		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	4,4' -DDT		ug/L	U	0.005	0.005
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	a-chlordane		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	g-chlordane		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Endrin ketone		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Chlordane		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	g-BHC (Lindane)		ug/L	U	0.005	0.005
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Dieldrin		ug/L	U	0.001	0.001
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Endrin		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Methoxychlor		ug/L	U	0.096	0.096
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	4,4' -DDD		ug/L	U	0.005	0.005
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	4,4' -DDE		ug/L	U	0.005	0.005

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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Endrin Aldehyde		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Heptachlor		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Toxaphene		ug/L	U	0.19	0.19
428 MW2_20200706	CG28448	SW8081	7/6/2020	1	Endosulfan I		ug/L	U	0.010	0.010
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1260		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1254		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1268		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1221		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1232		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1248		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1016		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1262		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8082	7/6/2020	1	PCB-1242		ug/L	U	0.048	0.048
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Ethylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Styrene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	n-Propylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	n-Butylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	4-Chlorotoluene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Acrolein		ug/L	U	2.5	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Acrylonitrile		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Bromobenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Toluene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Chlorobenzene		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Dibromochloromethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Tetrachloroethene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	sec-Butylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	cis-1,2-Dichloroethene	0.29	ug/L	J	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	m&p-Xylene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Carbon tetrachloride		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	2-Hexanone		ug/L	U	2.5	2.5
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Acetone	16	ug/L	U	2.5	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Chloroform		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Benzene		ug/L	U	0.25	0.70
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Bromomethane		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Chloromethane		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Dibromomethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Bromochloromethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Chloroethane		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Vinyl chloride		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Methylene chloride		ug/L	U	1.0	3.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Carbon Disulfide	0.50	ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Bromoform		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Bromodichloromethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Tert-butyl alcohol		ug/L	U	10	50
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Methyl ethyl ketone	3.4	ug/L		2.5	2.5
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Trichloroethene		ug/L	U	0.25	1.0

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Naphthalene		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	o-Xylene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	2-Chlorotoluene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	tert-Butylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	Isopropylbenzene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8260	7/6/2020	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	4-Nitroaniline		ug/L	U	1.7	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	4-Nitrophenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	4-Bromophenyl phenyl ether		ug/L	U	1.5	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2,4-Dimethylphenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	4-Chloroaniline		ug/L	U	2.3	3.5
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Phenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Pyridine		ug/L	U	1.2	10
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Bis(2-chloroethyl)ether		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Bis(2-chloroethoxy)methane		ug/L	U	1.4	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Di-n-octylphthalate		ug/L	U	1.3	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Anthracene		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	1.5	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2,4-Dichlorophenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2,4-Dinitrotoluene		ug/L	U	2.0	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	1,2-Diphenylhydrazine		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Pyrene		ug/L	U	1.7	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Dimethylphthalate		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Dibenzofuran		ug/L	U	1.5	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Fluoranthene		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Bis(2-chloroisopropyl)ether		ug/L	U	1.4	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2,4-Dinitrophenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	4-Chloro-3-methylphenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2,6-Dinitrotoluene		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	N-Nitrosodi-n-propylamine		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Aniline		ug/L	U	3.5	3.5
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Benzoic acid		ug/L	U	10	25
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Hexachloroethane		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	4-Chlorophenyl phenyl ether		ug/L	U	1.7	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Hexachlorocyclopentadiene		ug/L	U	1.5	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Isophorone		ug/L	U	1.4	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Pentachloronitrobenzene		ug/L	U	2.5	2.5
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Acenaphthene		ug/L	U	1.5	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Diethyl phthalate		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Di-n-butylphthalate		ug/L	U	1.3	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Benzyl butyl phthalate		ug/L	U	1.3	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	N-Nitrosodiphenylamine		ug/L	U	1.9	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Fluorene		ug/L	U	1.7	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Carbazole		ug/L	U	3.8	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2,4,6-Trichlorophenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2-Nitroaniline		ug/L	U	2.0	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2-Nitrophenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Naphthalene		ug/L	U	1.4	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2-Methylnaphthalene		ug/L	U	1.5	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2-Chloronaphthalene		ug/L	U	1.4	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	3,3'-Dichlorobenzidine		ug/L	U	2.4	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Benzidine		ug/L	U	2.9	4.5
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2-Methylphenol (o-cresol)		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2-Chlorophenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.5	3.5
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	2,4,5-Trichlorophenol		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	Acetophenone		ug/L	U	1.6	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	3-Nitroaniline		ug/L	U	2.0	5.0
428 MW2_20200706	CG28448	SW8270	7/6/2020	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0	1.0
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	1,4-dioxane		ug/L	U	0.20	0.20

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Hexachlorobenzene		ug/L	U	0.04	0.04
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Benzo(ghi)perylene		ug/L	U	0.54	0.54
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02	0.02
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Benzo(b)fluoranthene		ug/L	U	0.02	0.02
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Benzo(k)fluoranthene		ug/L	U	0.02	0.02
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Acenaphthylene		ug/L	U	0.54	0.54
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Chrysene		ug/L	U	0.02	0.02
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Benzo(a)pyrene		ug/L	U	0.02	0.02
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Dibenz(a,h)anthracene		ug/L	U	0.54	0.54
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Benz(a)anthracene		ug/L	U	0.02	0.02
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	N-Nitrosodimethylamine		ug/L	U	0.11	0.11
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Phenanthrene		ug/L	U	0.54	0.54
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.50	0.50
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Pentachlorophenol		ug/L	UJ	0.54	0.54
428 MW2_20200706	CG28448	SW8270C-SIM	7/6/2020	1	Nitrobenzene		ug/L	U	0.40	0.40
428 MW2_20200706	CG28448	SW6020	7/6/2020	5	Selenium	0.001	mg/L	J	0.0005	0.010
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Aluminum	1.04	mg/L	J+	0.0024	0.020
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Aluminum (Dissolved)	0.046	mg/L		0.0026	0.011
428 MW3_20200706	CG28449	SW6020	7/6/2020	1	Antimony (Dissolved)-LDL	0.0029	mg/L		0.0001	0.0003
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Arsenic, (Dissolved)	0.001	mg/L	J	0.001	0.003
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Barium (Dissolved)	0.031	mg/L		0.001	0.011
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Beryllium (Dissolved)		mg/L	U	0.001	0.001
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Cadmium (Dissolved)		mg/L	U	0.0005	0.004
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Calcium (Dissolved)	129	mg/L		0.003	0.01
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Chromium (Dissolved)	0.037	mg/L		0.001	0.001
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Cobalt, (Dissolved)		mg/L	U	0.001	0.005
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Copper, (Dissolved)	0.013	mg/L		0.001	0.005
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Iron, (Dissolved)		mg/L	U	0.01	0.01
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Lead (Dissolved)		mg/L	U	0.001	0.002
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Magnesium (Dissolved)	18.1	mg/L		0.01	0.01
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Manganese, (Dissolved)	0.008	mg/L		0.001	0.005
428 MW3_20200706	CG28449	SW7470	7/6/2020	1	Mercury (Dissolved)		mg/L	U	0.00015	0.0002
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Nickel, (Dissolved)	0.002	mg/L	J	0.001	0.004
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Potassium (Dissolved)	40.5	mg/L		0.1	0.1
428 MW3_20200706	CG28449	SW6020	7/6/2020	1	Selenium (Dissolved)-LDL	0.008	mg/L		0.0001	0.002
428 MW3_20200706	CG28449	SW6020	7/6/2020	5	Antimony	0.0033	mg/L		0.0005	0.0030
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Arsenic - LDL	0.001	mg/L	J	0.001	0.004
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Barium	0.037	mg/L		0.001	0.010
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Beryllium		mg/L	U	0.001	0.001
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Cadmium		mg/L	U	0.0005	0.004
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Calcium	130	mg/L		0.003	0.010
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Chromium	0.040	mg/L		0.001	0.001
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Cobalt	0.002	mg/L	J	0.001	0.005
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Copper	0.017	mg/L		0.001	0.005
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Iron	1.55	mg/L		0.01	0.01
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Lead	0.003	mg/L		0.001	0.002
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Magnesium	18.5	mg/L		0.01	0.010
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Manganese	0.030	mg/L		0.001	0.005
428 MW3_20200706	CG28449	SW7470	7/6/2020	1	Mercury		mg/L	U	0.00015	0.0002
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Nickel	0.003	mg/L	J	0.001	0.004
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Potassium	40.3	mg/L		0.1	0.1
428 MW3_20200706	CG28449	SW6020	7/6/2020	5	Selenium	0.009	mg/L	J	0.0005	0.010
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Silver		mg/L	U	0.001	0.005
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Silver (Dissolved)		mg/L	U	0.001	0.005
428 MW3_20200706	CG28449	SW6010	7/6/2020	10	Sodium	57.7	mg/L		1.0	1.0
428 MW3_20200706	CG28449	SW6020	7/6/2020	5	Thallium		mg/L	U	0.0005	0.0005
428 MW3_20200706	CG28449	SW6010	7/6/2020	10	Sodium (Dissolved)	57.2	mg/L		1.1	1.1
428 MW3_20200706	CG28449	SW6020	7/6/2020	1	Thallium (Dissolved)		mg/L	U	0.0001	0.0003
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Vanadium, (Dissolved)		mg/L	UJ	0.001	0.011
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Vanadium	0.003	mg/L	J	0.001	0.010
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Zinc, (Dissolved)	0.008	mg/L	J	0.002	0.011
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Heptachlor epoxide		ug/L	U	0.010	0.010
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Endosulfan Sulfate		ug/L	U	0.051	0.051
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Alachlor		ug/L	U	0.38	0.38
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Aldrin		ug/L	U	0.008	0.008
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	a-BHC		ug/L	U	0.010	0.010
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	b-BHC		ug/L	UJ	0.025	0.025
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	d-BHC		ug/L	U	0.025	0.025
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Endosulfan II		ug/L	U	0.051	0.051
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	4,4' -DDT		ug/L	U	0.010	0.010
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	a-chlordane		ug/L	U	0.051	0.051
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	g-chlordane		ug/L	U	0.051	0.051

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GCG28447

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Endrin ketone		ug/L	U	0.30	0.30
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Chlordane		ug/L	U	0.050	0.050
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	g-BHC (Lindane)		ug/L	U	0.025	0.025
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Dieldrin		ug/L	U	0.004	0.004
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Endrin		ug/L	U	0.010	0.010
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Methoxychlor		ug/L	U	0.51	0.51
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	4,4' -DDD		ug/L	U	0.010	0.010
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	4,4' -DDE		ug/L	U	0.010	0.010
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Endrin Aldehyde		ug/L	U	0.051	0.051
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Heptachlor		ug/L	U	0.010	0.010
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Toxaphene		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8081	7/6/2020	5	Endosulfan I		ug/L	U	0.051	0.051
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1260		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1254		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1268		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1221		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1232		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1248		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1016	0.66	ug/L		0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1262		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8082	7/6/2020	5	PCB-1242		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Ethylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Styrene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	n-Propylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	n-Butylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	4-Chlorotoluene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Acrolein		ug/L	U	2.5	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Acrylonitrile		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Bromobenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Toluene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Chlorobenzene		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Dibromochloromethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Tetrachloroethene	0.30	ug/L	J	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	sec-Butylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	m&p-Xylene	0.32	ug/L	J	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Carbon tetrachloride		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	2-Hexanone		ug/L	U	2.5	2.5
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Acetone	3.0	ug/L	U	2.5	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Chloroform		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Benzene		ug/L	U	0.25	0.70
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Bromomethane		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Chloromethane		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Dibromomethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Bromochloromethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Chloroethane		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Vinyl chloride		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Methylene chloride		ug/L	U	1.0	3.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Carbon Disulfide		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Bromoform		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Bromodichloromethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,1-Dichloroethene		ug/L	U	0.25	1.0

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Tert-butyl alcohol		ug/L	U	10	50
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Trichloroethene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Naphthalene		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	o-Xylene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	2-Chlorotoluene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	tert-Butylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	Isopropylbenzene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8260	7/6/2020	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	4-Nitroaniline		ug/L	U	1.7	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	4-Nitrophenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	4-Bromophenyl phenyl ether		ug/L	U	1.5	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2,4-Dimethylphenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	4-Chloroaniline		ug/L	U	2.4	3.5
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Phenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Pyridine		ug/L	U	1.2	10
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Bis(2-chloroethyl)ether		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Bis(2-chloroethoxy)methane		ug/L	U	1.4	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Di-n-octylphthalate		ug/L	UJ	1.3	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Anthracene		ug/L	U	1.7	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	1.5	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2,4-Dichlorophenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2,4-Dinitrotoluene		ug/L	U	2.0	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	1,2-Diphenylhydrazine		ug/L	U	1.6	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Pyrene		ug/L	U	1.7	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Dimethylphthalate		ug/L	U	1.6	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Dibenzofuran		ug/L	U	1.5	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Fluoranthene		ug/L	U	1.6	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Bis(2-chloroisopropyl)ether		ug/L	U	1.4	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2,4-Dinitrophenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	4-Chloro-3-methylphenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2,6-Dinitrotoluene		ug/L	U	1.6	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	N-Nitrosodi-n-propylamine		ug/L	U	1.6	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Aniline		ug/L	U	3.5	3.5
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Benzoic acid		ug/L	U	10	25
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Hexachloroethane		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	4-Chlorophenyl phenyl ether		ug/L	U	1.7	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Hexachlorocyclopentadiene		ug/L	UJ	1.5	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Isophorone		ug/L	U	1.4	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Pentachloronitrobenzene		ug/L	U	2.5	2.5
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Acenaphthene		ug/L	U	1.5	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Diethyl phthalate		ug/L	U	1.6	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Di-n-butylphthalate		ug/L	U	1.3	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Benzyl butyl phthalate		ug/L	U	1.3	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	N-Nitrosodiphenylamine		ug/L	U	1.9	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Fluorene		ug/L	U	1.7	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Carbazole		ug/L	U	3.8	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2,4,6-Trichlorophenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2-Nitroaniline		ug/L	U	2.0	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2-Nitrophenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Naphthalene		ug/L	U	1.5	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2-Methylnaphthalene		ug/L	U	1.5	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2-Chloronaphthalene		ug/L	U	1.4	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	3,3'-Dichlorobenzidine		ug/L	UJ	2.4	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Benzidine		ug/L	UJ	3.0	4.5
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2-Methylphenol (o-cresol)		ug/L	U	1.0	1.0

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2-Chlorophenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.5	3.5
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	2,4,5-Trichlorophenol		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	Acetophenone		ug/L	U	1.6	5.1
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	3-Nitroaniline		ug/L	U	2.0	5.0
428 MW3_20200706	CG28449	SW8270	7/6/2020	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0	1.0
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	1,4-dioxane		ug/L	U	0.20	0.20
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Hexachlorobenzene		ug/L	U	0.04	0.04
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Benzo(ghi)perylene		ug/L	U	0.51	0.51
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02	0.02
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Benzo(b)fluoranthene		ug/L	U	0.02	0.02
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Benzo(k)fluoranthene		ug/L	UJ	0.02	0.02
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Acenaphthylene		ug/L	U	0.51	0.51
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Chrysene		ug/L	U	0.02	0.02
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Benzo(a)pyrene		ug/L	U	0.02	0.02
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Dibenz(a,h)anthracene		ug/L	U	0.51	0.51
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Benz(a)anthracene		ug/L	U	0.02	0.02
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	N-Nitrosodimethylamine		ug/L	U	0.10	0.10
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Phenanthrene		ug/L	U	0.51	0.51
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.50	0.50
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Pentachlorophenol		ug/L	UJ	0.61	0.61
428 MW3_20200706	CG28449	SW8270C-SIM	7/6/2020	1	Nitrobenzene		ug/L	U	0.40	0.40
428 MW3_20200706	CG28449	SW6010	7/6/2020	1	Zinc	0.016	mg/L		0.002	0.010
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Aluminum	0.714	mg/L		0.0024	0.020
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Aluminum (Dissolved)	0.046	mg/L		0.0026	0.011
GW DUPLICATE_20200706	CG28450	SW6020	7/6/2020	1	Antimony (Dissolved)-LDL	0.0030	mg/L		0.0001	0.0003
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Arsenic, (Dissolved)	0.002	mg/L	J	0.001	0.003
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Barium (Dissolved)	0.031	mg/L		0.001	0.011
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Beryllium (Dissolved)		mg/L	U	0.001	0.001
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Cadmium (Dissolved)		mg/L	U	0.0005	0.004
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Calcium (Dissolved)	128	mg/L		0.003	0.01
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Chromium (Dissolved)	0.036	mg/L		0.001	0.001
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Cobalt, (Dissolved)		mg/L	U	0.001	0.005
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Copper, (Dissolved)	0.013	mg/L		0.001	0.005
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Iron, (Dissolved)		mg/L	U	0.01	0.01
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Lead (Dissolved)		mg/L	U	0.001	0.002
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Magnesium (Dissolved)	18.1	mg/L		0.01	0.01
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Manganese, (Dissolved)	0.008	mg/L		0.001	0.005
GW DUPLICATE_20200706	CG28450	SW7470	7/6/2020	1	Mercury (Dissolved)		mg/L	U	0.00015	0.0002
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Nickel, (Dissolved)	0.002	mg/L	J	0.001	0.004
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Potassium (Dissolved)	41.4	mg/L		0.1	0.1
GW DUPLICATE_20200706	CG28450	SW6020	7/6/2020	1	Selenium (Dissolved)-LDL	0.007	mg/L		0.0001	0.002
GW DUPLICATE_20200706	CG28450	SW6020	7/6/2020	5	Antimony	0.0033	mg/L		0.0005	0.0030
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Arsenic - LDL	0.002	mg/L	J	0.001	0.004
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Barium	0.036	mg/L		0.001	0.010
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Beryllium		mg/L	U	0.001	0.001
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Cadmium		mg/L	U	0.0005	0.004
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Calcium	131	mg/L		0.003	0.010
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Chromium	0.040	mg/L		0.001	0.001
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Cobalt	0.001	mg/L	J	0.001	0.005
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Copper	0.017	mg/L		0.001	0.005
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Iron	1.17	mg/L		0.01	0.01
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Lead	0.002	mg/L		0.001	0.002
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Magnesium	18.9	mg/L		0.01	0.010
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Manganese	0.026	mg/L		0.001	0.005
GW DUPLICATE_20200706	CG28450	SW7470	7/6/2020	1	Mercury		mg/L	U	0.00015	0.0002
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Nickel	0.003	mg/L	J	0.001	0.004
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Potassium	41.5	mg/L		0.1	0.1
GW DUPLICATE_20200706	CG28450	SW6020	7/6/2020	5	Selenium	0.009	mg/L	J	0.0005	0.010
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Silver		mg/L	U	0.001	0.005
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Silver (Dissolved)		mg/L	U	0.001	0.005
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	10	Sodium	58.2	mg/L		1.0	1.0
GW DUPLICATE_20200706	CG28450	SW6020	7/6/2020	5	Thallium		mg/L	U	0.0005	0.0005
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Vanadium	0.004	mg/L	J	0.001	0.010
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	10	Sodium (Dissolved)	58.9	mg/L		1.1	1.1
GW DUPLICATE_20200706	CG28450	SW6020	7/6/2020	1	Thallium (Dissolved)		mg/L	U	0.0001	0.0003
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Vanadium, (Dissolved)	0.002	mg/L	J	0.001	0.011
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Zinc	0.015	mg/L		0.002	0.010
GW DUPLICATE_20200706	CG28450	SW6010	7/6/2020	1	Zinc, (Dissolved)	0.007	mg/L	J	0.002	0.011
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Heptachlor epoxide		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Endosulfan Sulfate		ug/L	U	0.048	0.048

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BK, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Alachlor		ug/L	U	0.36	0.36
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Aldrin		ug/L	U	0.007	0.007
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	a-BHC		ug/L	U	0.024	0.024
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	b-BHC		ug/L	UJ	0.024	0.024
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	d-BHC		ug/L	U	0.024	0.024
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Endosulfan II		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	4,4' -DDT		ug/L	U	0.024	0.024
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	a-chlordane		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	g-chlordane		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Endrin ketone		ug/L	U	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Chlordane		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	g-BHC (Lindane)		ug/L	U	0.024	0.024
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Dieldrin		ug/L	U	0.007	0.007
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Endrin		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Methoxychlor		ug/L	U	0.48	0.48
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	4,4' -DDD		ug/L	U	0.024	0.024
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	4,4' -DDE		ug/L	U	0.024	0.024
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Endrin Aldehyde		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Heptachlor		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Toxaphene		ug/L	U	0.97	0.97
GW DUPLICATE_20200706	CG28450	SW8081	7/6/2020	5	Endosulfan I		ug/L	U	0.048	0.048
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1260		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1254		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1268		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1221		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1232		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1248		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1016	0.56	ug/L		0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1262		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8082	7/6/2020	5	PCB-1242		ug/L	U	0.24	0.24
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Ethylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Styrene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	n-Propylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	n-Butylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	4-Chlorotoluene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Acrolein		ug/L	U	2.5	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Acrylonitrile		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Bromobenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Toluene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Chlorobenzene		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Dibromochloromethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Tetrachloroethene	0.30	ug/L	J	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	sec-Butylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	m&p-Xylene		ug/L	UJ	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Carbon tetrachloride		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	2-Hexanone		ug/L	U	2.5	2.5
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Acetone	3.3	ug/L	U	2.5	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Chloroform		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Benzene		ug/L	U	0.25	0.70
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Bromomethane		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Chloromethane		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Dibromomethane		ug/L	U	0.25	1.0

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BK, NY
DATA SUMMARY TABLE
GROUNDWATER
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Bromochloromethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Chloroethane		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Vinyl chloride		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Methylene chloride		ug/L	U	1.0	3.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Carbon Disulfide		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Bromoform		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Bromodichloromethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Tert-butyl alcohol		ug/L	U	10	50
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Trichloroethene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Naphthalene		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	o-Xylene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	2-Chlorotoluene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	tert-Butylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	Isopropylbenzene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8260	7/6/2020	1	p-Isopropyltoluene		ug/L	U	0.25	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	4-Nitroaniline		ug/L	U	1.7	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	4-Nitrophenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	4-Bromophenyl phenyl ether		ug/L	U	1.5	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2,4-Dimethylphenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	4-Chloroaniline		ug/L	U	2.3	3.5
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Phenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Pyridine		ug/L	U	1.2	10
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Bis(2-chloroethyl)ether		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Bis(2-chloroethoxy)methane		ug/L	U	1.4	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Di-n-octylphthalate		ug/L	U	1.3	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Anthracene		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	1.5	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2,4-Dichlorophenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2,4-Dinitrotoluene		ug/L	U	2.0	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	1,2-Diphenylhydrazine		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Pyrene		ug/L	U	1.7	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Dimethylphthalate		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Dibenzofuran		ug/L	U	1.5	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Fluoranthene		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Bis(2-chloroisopropyl)ether		ug/L	U	1.4	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2,4-Dinitrophenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	4-Chloro-3-methylphenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2,6-Dinitrotoluene		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	N-Nitrosodi-n-propylamine		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Aniline		ug/L	U	3.5	3.5
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Benzoic acid		ug/L	U	10	25
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Hexachloroethane		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	4-Chlorophenyl phenyl ether		ug/L	U	1.7	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Hexachlorocyclopentadiene		ug/L	U	1.5	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Isophorone		ug/L	U	1.4	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Pentachloronitrobenzene		ug/L	U	2.5	2.5
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Acenaphthene		ug/L	U	1.5	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Diethyl phthalate		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Di-n-butylphthalate		ug/L	U	1.3	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Benzyl butyl phthalate		ug/L	U	1.3	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	N-Nitrosodiphenylamine		ug/L	U	1.9	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Fluorene		ug/L	U	1.7	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Carbazole		ug/L	U	3.8	5.0

118 HOPE ST/428 RODNEY ST
BK, NY
DATA SUMMARY TABLE
GROUNDWATER
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2,4,6-Trichlorophenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2-Nitroaniline		ug/L	U	2.0	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2-Nitrophenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Naphthalene		ug/L	U	1.4	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2-Methylnaphthalene		ug/L	U	1.5	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2-Chloronaphthalene		ug/L	U	1.4	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	3,3'-Dichlorobenzidine		ug/L	U	2.4	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Benzidine		ug/L	U	2.9	4.5
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2-Methylphenol (o-cresol)		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2-Chlorophenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	3.5	3.5
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	2,4,5-Trichlorophenol		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	Acetophenone		ug/L	U	1.6	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	3-Nitroaniline		ug/L	U	2.0	5.0
GW DUPLICATE_20200706	CG28450	SW8270	7/6/2020	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0	1.0
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	1,4-dioxane		ug/L	U	0.20	0.20
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Hexachlorobenzene		ug/L	U	0.04	0.04
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Benzo(ghi)perylene		ug/L	U	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02	0.02
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Benzo(b)fluoranthene		ug/L	U	0.02	0.02
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Benzo(k)fluoranthene		ug/L	U	0.02	0.02
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Acenaphthylene		ug/L	U	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Chrysene		ug/L	U	0.02	0.02
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Benzo(a)pyrene		ug/L	U	0.02	0.02
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Dibenz(a,h)anthracene		ug/L	U	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Benz(a)anthracene		ug/L	U	0.02	0.02
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	N-Nitrosodimethylamine		ug/L	U	0.10	0.10
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Phenanthrene		ug/L	U	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Pentachlorophenol	0.59	ug/L	J	0.50	0.50
GW DUPLICATE_20200706	CG28450	SW8270C-SIM	7/6/2020	1	Nitrobenzene		ug/L	U	0.40	0.40
TB_20200706	CG28451	SW8260	7/6/2020	1	Ethylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Styrene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	cis-1,3-Dichloropropene		ug/L	U	0.25	0.40
TB_20200706	CG28451	SW8260	7/6/2020	1	trans-1,3-Dichloropropene		ug/L	U	0.25	0.40
TB_20200706	CG28451	SW8260	7/6/2020	1	n-Propylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	n-Butylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	4-Chlorotoluene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,4-Dichlorobenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2-Dibromoethane		ug/L	U	0.25	0.25
TB_20200706	CG28451	SW8260	7/6/2020	1	Acrolein		ug/L	U	2.5	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2-Dichloroethane		ug/L	U	0.50	0.60
TB_20200706	CG28451	SW8260	7/6/2020	1	Acrylonitrile		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	4-Methyl-2-pentanone		ug/L	U	2.5	2.5
TB_20200706	CG28451	SW8260	7/6/2020	1	1,3,5-Trimethylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Bromobenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Toluene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Chlorobenzene		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Tetrahydrofuran (THF)		ug/L	U	2.5	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5	2.5
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2,4-Trichlorobenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,4-dioxane		ug/L	U	50	100
TB_20200706	CG28451	SW8260	7/6/2020	1	Dibromochloromethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Tetrachloroethene		ug/L	UJ	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	sec-Butylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,3-Dichloropropane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	cis-1,2-Dichloroethene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	trans-1,2-Dichloroethene		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Methyl t-butyl ether (MTBE)		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	m&p-Xylene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	2-Isopropyltoluene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,3-Dichlorobenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Carbon tetrachloride		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,1-Dichloropropene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	2-Hexanone		ug/L	U	2.5	2.5
TB_20200706	CG28451	SW8260	7/6/2020	1	2,2-Dichloropropane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,1,1,2-Tetrachloroethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Acetone	8.6	ug/L		2.5	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Chloroform		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Benzene		ug/L	U	0.25	0.70
TB_20200706	CG28451	SW8260	7/6/2020	1	1,1,1-Trichloroethane		ug/L	U	0.25	5.0

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BK, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
TB_20200706	CG28451	SW8260	7/6/2020	1	Bromomethane		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Chloromethane		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Dibromomethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Bromochloromethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Chloroethane		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Vinyl chloride		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Methylene chloride		ug/L	U	1.0	3.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Carbon Disulfide	0.84	ug/L	J	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Bromoform		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Bromodichloromethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,1-Dichloroethane		ug/L	U	0.25	5.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,1-Dichloroethene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Tert-butyl alcohol		ug/L	U	10	50
TB_20200706	CG28451	SW8260	7/6/2020	1	Trichlorofluoromethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Dichlorodifluoromethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Trichlorotrifluoroethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2-Dichloropropane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Methyl ethyl ketone		ug/L	U	2.5	2.5
TB_20200706	CG28451	SW8260	7/6/2020	1	1,1,2-Trichloroethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Trichloroethene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,1,2,2-Tetrachloroethane		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2,3-Trichlorobenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Hexachlorobutadiene		ug/L	U	0.20	0.50
TB_20200706	CG28451	SW8260	7/6/2020	1	Naphthalene		ug/L	U	1.0	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	o-Xylene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	2-Chlorotoluene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2-Dichlorobenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2,4-Trimethylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2-Dibromo-3-chloropropane		ug/L	U	0.50	0.50
TB_20200706	CG28451	SW8260	7/6/2020	1	1,2,3-Trichloropropane		ug/L	U	0.25	0.25
TB_20200706	CG28451	SW8260	7/6/2020	1	tert-Butylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	Isopropylbenzene		ug/L	U	0.25	1.0
TB_20200706	CG28451	SW8260	7/6/2020	1	p-Isopropyltoluene		ug/L	U	0.25	1.0